

House & Garden

A Condé Nast Publication

250 Tips for Victory Gardeners

*How to Grow Flowers,
Fruits and Vegetables*

TEXAS

*stimulates a new
trend in decoration*

see page 15

JANUARY 1945 • PRICE 55 CENTS

40 CENTS IN CANADA

SPIRIT OF '43



V

AMERICA *Makes the Best* OF EVERYTHING!

THIS HOLIDAY SEASON finds us giving up much — ready to give up *everything* needed to bring victory and lasting peace.

Our gift to free peoples everywhere is this high spirit of sacrifice, the winning morale, that will achieve victory. Many a *Schenley* man has left us to do his share in the war effort; *Schenley's* distilleries are now on a

war footing—turning out vast quantities of war alcohol needed by the nation.

The *Schenley Royal Reserve* you enjoy today is drawn from our reserves—the largest

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As in every crisis, America makes the best of everything. That is the "Spirit of '43"—and America's spirit until victory is achieved.

SCHENLEY ROYAL RESERVE, 60% Grain Neutral Spirits. BLENDED WHISKEY, 86 Proof.

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CORPORATION, N. Y. C.

BUY WAR BONDS TODAY—AND EVERY DAY!

General

JANUARY, 1943

Dear Graham: This is a report from the home front to the fighting front; from the sergeant of the small company you left behind when you volunteered for active duty. Naturally, we are in constant communication with you, as you are with us, by far-reaching waves of affection. But letters make them real, and never in all my life have they meant so much to me.

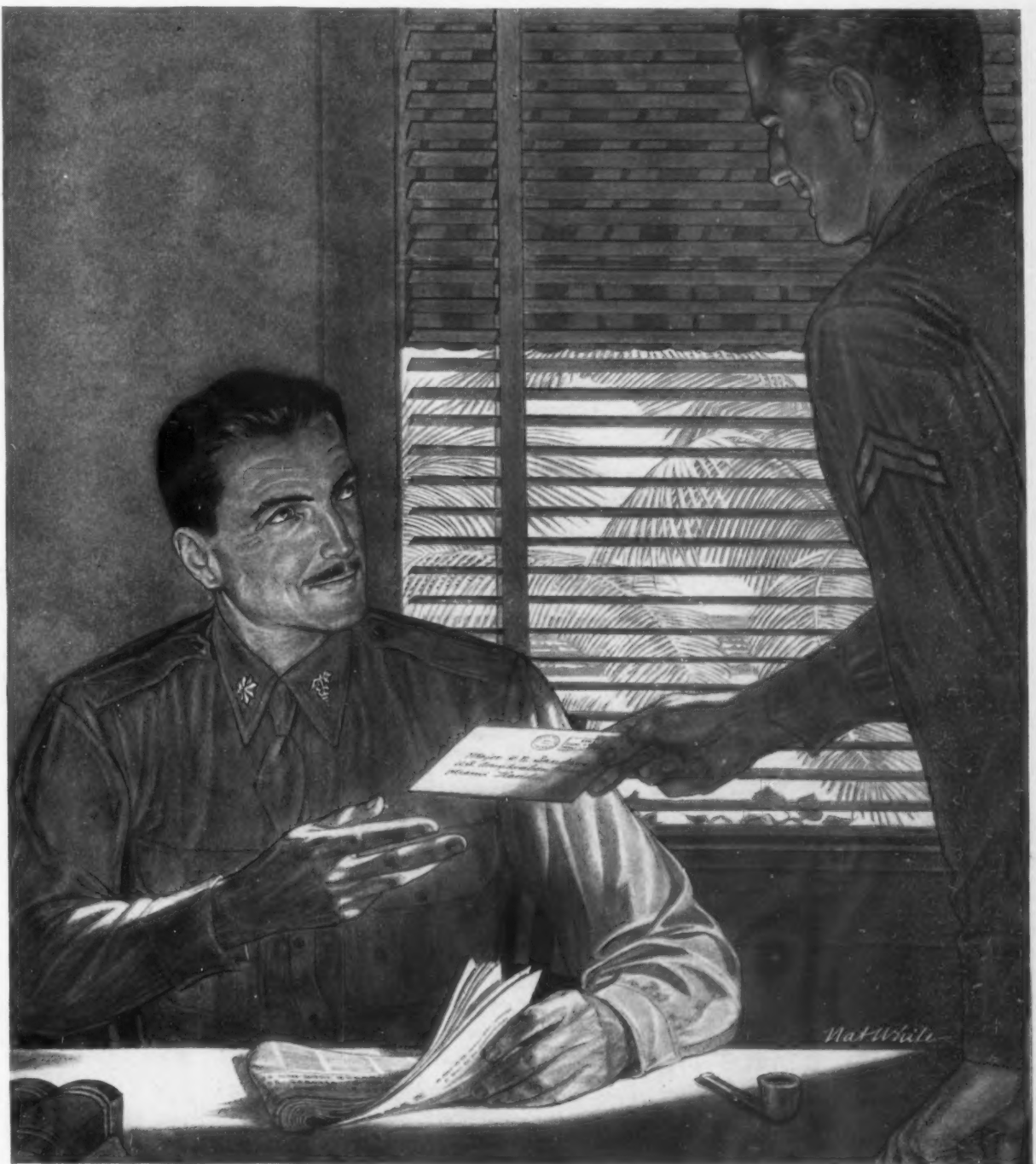
We are keeping well, though our father-doctor is far away, and the children are making good marks in school, even without the aid of their chief home-worker. You know my weakness in math and how it showed up in my accounts. But necessity has sharpened my wits and now my check-book agrees with my bank balance. Of course there are fewer entries to make, living as we do on your pay allotment and our small investments.

But we are managing and trying to match our courage with yours. Sylvia is going on with her dancing class; Robert has a new tennis racquet, for I share your feeling that he should be encouraged in his sports; and both are buying as many War Stamps as they can from their weekly allowances. And, as you see, I continue to write on my favorite Kid Finish. I don't believe my pen would behave on poor paper, nor should I feel that I were holding fast to those standards we have set for ourselves. As a matter of fact, I have discovered that Crane's can be bought "open stock," with envelopes in packets, at a price that makes frequent family letters quite economical.

Please be at ease in your concern for us. We may not see it through as gracefully as *Mrs. Miniver*, but we shall make a good try. As long as our letters keep flying back and forth, we'll solve that old problem of time and distance. The children are ready to x this with love and kisses and in that rite I now join them.

Affectionately,
HELEN

Your name, address, and twenty-five cents sent to Crane's, Dalton, Massachusetts will bring you six smart, usable samples of Crane's correspondence papers.



CRANE'S FINE PAPERS • MADE IN DALTON, MASSACHUSETTS • SINCE 1801

SHOPPING



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Dancing Girl

Gracefully modeled figure of charming proportions, delightfully poised; can be used in a fountain or pool or on a pedestal at the end of a vista.

- Lead 23" \$55.00
- Lead 36" 175.00
- Bronze 23" 100.00
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This is just one of many in our unusually large collection of lead pieces in a variety of sizes and prices.

Catalog

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Gorgeous Beauty All Winter GROWS INDOORS — WITHOUT SOIL



Different — Glorious Dependable
Just place in a dish and wet. Starts sprouting within 10 days — soon flourishes into a beautiful plant. **GUARANTEED TO GROW.** No dirt. No muss. Ideal for window pot or hanging basket.

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- Marigold

Any 4 \$1.00 Any 25 \$5.00

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→ A tug to the right and up flip your choice photos. Holds 108 prints. Ideal for man in Service or for your own collection.

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"Rosemont" Marion, Virginia



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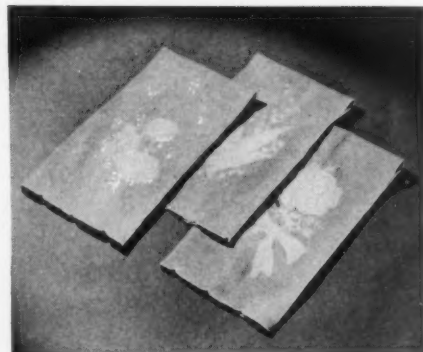
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NEW YORK SCHOOL OF INTERIOR DECORATION

515 Madison Avenue, New York City

COME January it's time for the good housekeeper to take inventory of her linen closet and to replenish where it's needed. For her we point out these dainty guest towels with sprays of white flowers appliquéd on blue, green, yellow, gray or dusty rose spun rayon. Only \$1 each, Albert George, 699 5th Ave., New York.



WANT to feel like a new person, full of vim and vigor? You only have to do the simple exercises as taught by Lilyan Malmstead in her new book "6 Minutes to Fitness", and you don't have to diet. The exercises are to be done just before going to bed—and for only 6 minutes; \$1.50, M. Barrows, 443 Fourth Ave., New York, New York.



GOLD-SPLASHED flowered bottles to glamorize the dressing table are a gift to gladden any woman's heart who likes pretty things. The large jar for dusting powder, bath salts, or cotton is \$2.75. The perfume bottles, \$4.50 a pair. The squatty powder jar, \$2.75. These may be ordered from Alex Anderson, 912 Nicollet St., Minneapolis, Minn.



MUGS you'll want to hug

80-ounce Mug holds plenty. 10 1/2" tall and about 7 1/4" in diameter. \$6.00 each. Same with sycamore top and bamboo knot, \$7.50 complete.

32-ounce Mug is 8" tall and 5 1/2" in diameter. \$3.00 each. Same with French polished wood top and whangee bamboo knot. \$5.00 complete.

Order as many as you like. No C.O.D.'s, please. Postpaid anywhere in U.S.A. Write for Gift-lets.

LANGBEIN—Since 1860 161 Willoughby St. Brooklyn, N. Y.

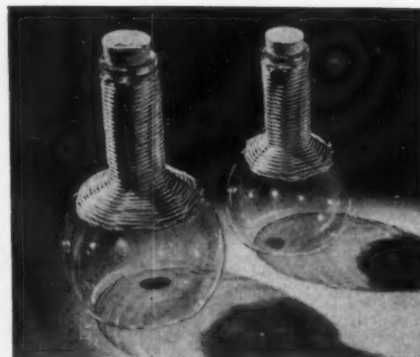
AROUND



POST-LANTERN, hand-made of copper, may be had by the early birds who order first; when the stock is gone there won't be any more. Wired for electricity, it measures 8½" x 15", and costs \$14. Some can be furnished with a bronze eagle on top, \$16 F. O. B. Baltimore. No catalogues. Lauer Metal Shop, 3408 Woodbrook Ave., Baltimore, Md.



TOAST COASTERS whose clever inscriptions will be the talk of the party. Each one has a different colorful picture and toast. They can double as ashtrays when not keeping tables spot-free. For the couple who go in for informal entertaining. Made of semi-vitreous china. The set of 6 coasters, \$3, The Bar Mart, 62 West 45th St., New York, N. Y.



SOME cold winter night when you think the air raid warden or Red Cross worker would welcome a drink of hot coffee, take it to him in a wicker-stemmed Pyrex bottle. Perfect for hot-buttered rum ingredients when the crowd gathers at home, too. The 7 cup size, \$5; 4 cup size, \$2.50, Langbein, 161 Willoughby St., Brooklyn, N. Y.



If your garden is due to get a face-lifting this spring, give it a beauty-spot where birds will flock. We suggest this Pompeian stone bird bath that can be the focal point of your landscaping. Bowl guaranteed against breakage from freezing. Stands 36" high; bath measures 24" across; \$20 F. O. B. Erkins Studios, 6 E. 39th St., New York.

SIGNS OF THE ZODIAC

Your Way to Success

Aquarius (left) brings water of knowledge to the parched earth, and Pisces (right) represents two sets of emotions pulling in opposite directions.

Tell us the month you were born and we will send you the proper figure. Can be used as ornaments or bookends.

"Figures are about 9" high by 6" wide, finished in soft tan (pickled pine) with green and silver trim."

\$2.50 each, plus 25c postage No C.O.D.'s

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Mt. Airy, Phila., Pa.



modern blends well!

Modern furniture goes nicely with many time-honored architectural styles. Here, simple curved couch, plate glass coffee table, and modern oak floor lamp harmonize with field-stone fireplace, colonial brass andirons, beamed ceilings, oriental rugs.



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IBERIA SPANISH OLIVE OIL

"THAN WHICH THERE IS NONE FINER"

Made from the first pressing of sun-ripened selected olives, IBERIA virgin olive oil is guaranteed pure and contains many health properties. Use IBERIA in your salads and cooking . . . and taste the difference!

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1 gal. tin . . . \$6.50 1 qt. tin . . . \$1.85
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7-Piece "Maintenan" service by Gorham. Regular price, approx. \$2400.00. Our price . . . \$1250.00 Tax included

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7-Piece "Heritage" service by Reed & Barton. Regular price, approx. \$1815.00. Our price . . . \$1000.00 Tax included

These services have been used but are offered in such condition that they cannot be told from new. We have in stock more than 100 other Sterling services at a price range of from \$75.00 to \$2500.00.

Also have more than 500 patterns of Sterling flat silver.

Silver sent on approval. Correspondence solicited.

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OUR PRICE \$3.95

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Fine quality, washable, rayon crepe Blanket Covers. Richly finished with satin bands and monogrammed to your order. Available in Tea Rose, Dusty Rose, Light Blue, Pink, Yellow, and Eggshell.

\$4.95 double bed size

Monograms \$1.00 extra

Matching pillowcase \$1.95

complete with monogram

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It's yours for a pittance—this scientifically correct lamp for bed-reading. Focuses its beam on page, permits bedmate to sleep undisturbed. No eyestrain. 3½" diameter. Bronze finish . . . only \$2.50

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MOSSE'S "Planned Economy" Trousseau Complete with Monograms ~ \$185

You couldn't want a lovelier, more essential trousseau! Sound investment in fine quality, taste and durability, at a minimum price.

12 hemstitched white percale sheets 72x108", or 8, 90x108"; 12 cases; 12 famous, wonderfully absorbent Vigorub Bath Towels, 29x50"; 12 Vigorub hand towels; 12 wash cloths; 2 bath mats; 12 pure Irish linen huck towels; 1 stunning, pure linen table set, hand appliquéd monograms, service for 8 ~ various colors. All with newest Mosse monograms harmonizing throughout.

The Trousseau you can order without seeing.
Sample swatches of fabrics sent on request.

Shipped 2 weeks after receipt of order... Express charges prepaid.

MOSSE~LINEN, 659 FIFTH AVENUE, NEW YORK

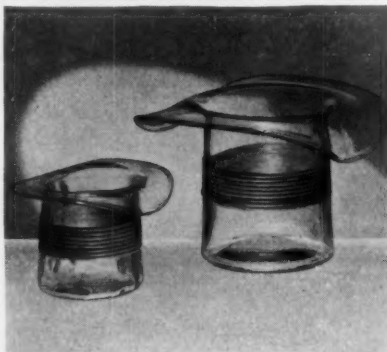
Glass Dessert Hi-Hats

"Big One" . . . for centerpiece, Jello, etc.
"Little One" . . . for serving ice cream, etc.

"BIG ONE"
5" high overall,
8 1/2" wide, 4" di-
ameter. Bamboo
wrapped. \$3.00
each.

"LITTLE ONE"
3 1/4" high overall,
5 1/4" wide, 3" di-
ameter. Bamboo
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Order as many as you wish.
Postpaid anywhere in U.S.A.
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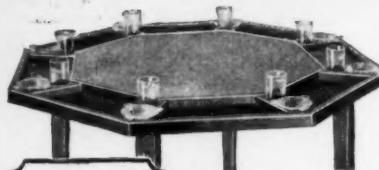
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Specializing in famous Doulton
Fine Earthenware and Bone China.
New dinnerware booklet will be
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HERBERT S. MILLS
11 KING ST. E. HAMILTON, CANADA

New PORTA-POKER 8-PLACE FOLD-AWAY CARD TABLE



- Folds down to only 4 inches thick . . .
- Easily stored in minimum space
- Official size, 4-foot diameter . . .
- Green felt playing surface . . .
- 8 nonspill ash trays and 8 non-tip glass holders . . .
- Mahogany-stained, alcohol-proof finish . . .

PORTA-POKER is the smart-ly styled, clever new convenience for card players. The perfect, portable playtable for small apartment, den or recreation room. Attractively finished, substantially made, sturdy legs. Nothing to loosen or wear out. Only \$27.50 Express Prepaid. Money refunded if not pleased. Makes an ideal gift.

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Headquarters for game room equipment,
Portable Bars, Accessories, Murals, Deco-
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OFFICE DESK.
Heavy tip-proof
metal base and
12" polished
chrome mast.
You can even
raise and lower
this silk flag by
its gold hal-
yards. "Old
Glory"—in your
home or as gifts
and prizes that
are different,
what could be
more timely?

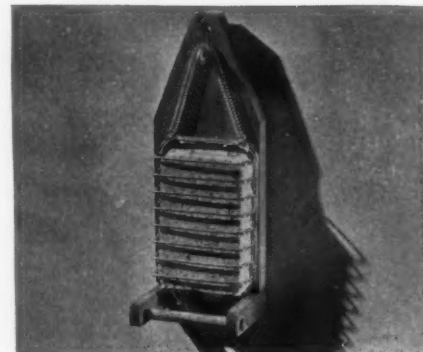


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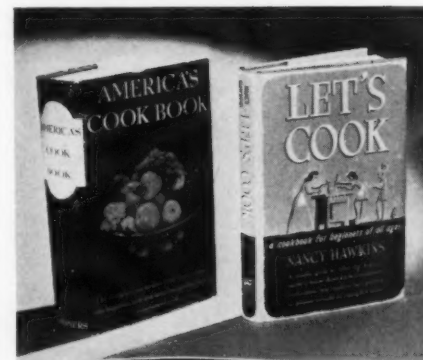
OHLSON COMPANY
362 Prospect Street
Cambridge, Massachusetts



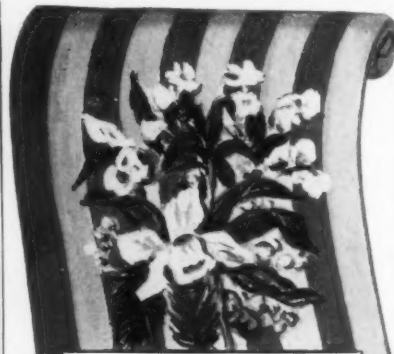
GONE with the war are fussy frills for daytime. Always in good taste, though, is a piece of simple jewelry that busy women like to wear with tailored suits, such as this bracelet of sterling silver. It is copied from a brace and bit. Tax and postage are included in price of \$4.50, "little joe" Wiesenfeld, 112 W. North Ave., Baltimore, Md.



THE birds' favorite entreé of seed and suet dished out to them in this holder for Winter feeding. Made of wood and metal it is especially designed to attract birds and to keep squirrels away. Called the "Gridiron" holder, it comes complete with seed-and-suet cake for \$1.25, postpaid, Breck's, 702 Breck Bldg., Boston, Massachusetts.



ASSEMBLY lines have called so many maids that lots of women are cooking for the family for the first time—and they'd love assistance. To beginners (all ages) give "Let's Cook", by Nancy Hawkins. It is \$1.75. "America's Cook Book", cookery encyclopedia and household guide. \$2.50. Hammacher Schlemmer, 145 E. 57th St., N. Y. C.



Galaxy Stripe Formal Sophistication in a WARNER WALLPAPER

Bold, flower design against a background of broad, matched stripes . . . Available in colors on aqua and white, grey and white, and Adam and aqua. Plain stripes in matching colors also available. Write for samples.

THE WARNER CO.
Dept. 5, 418 S. Wabash Ave.
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February

HOUSE & GARDEN

Plans now for tomorrow's house



INDOORS AND OUTDOORS MEET IN TOMORROW'S HOUSE

House & Garden's February issue prepares you now for the stimulating developments, the new trends, the unprecedented growth of home-building in the after-war world. Its many-angled impressions and surprising predictions give such breadth and width to your outlook that the developments of tomorrow—however dynamic—will never catch you napping. It previews vital, logical houses of the future . . . discusses the exciting potentialities of materials now used in making tanks, submarines, planes and forecasts domestic roles for them tomorrow.

Practical Site-Planning

This forward-looking issue outlines some graphic case-histories that underscore the advantages of planning your home-site carefully. It highlights some defense areas that have upped the standards of design for small-cost houses and produced little-cost homes with large quotas of good looks.

Bed and Bath Bazaar

● 6 colorful pages display a Bed and Bath Bazaar packed with new ideas for your linen closet, whether you are the mother-of-five, a new bride, or someone with a secret taste for luxury . . .

● 8 lively pages help you to plan your house for a new baby . . . re-arrange your time, your point of view . . .

February House & Garden

on sale at your newsstand January 20

THE CONDÉ NAST PUBLICATIONS, INCORPORATED

GARDENING

THE WAYSIDE GARDENS'

magnificent catalog-guide book for 1943 describes and illustrates the fine stock of these famous growers of hardy plants. New varieties of roses, including the Pearl Harbor and Douglas MacArthur, and shrubs are shown in full color. Send 25c to cover handling and postage. The Wayside Gardens Co., 30 Mentor Avenue, Mentor, Ohio.

JACKSON & PERKINS SPRING CATALOG

Fifty full-color pages present new introduction for 1943: Floribunda Rose Pinocchio, the Mary Margaret McBride, the yellow Mandalay, etc. In addition to the complete "parade of modern roses", there is a wide selection of Modern Perennials, Dwarf Apple Trees and other tree, vine and bush fruits for Victory gardening. Jackson & Perkins Co., 328 Rose Lane, Newark, New York State.

A SHORT GUIDE

to trees, shrubs, evergreens, fruits and hardy plants is presented in 56 large pages. Over 1000 varieties including 75 of Azaleas, 45 of Rhododendrons and 28 kinds of Dwarf Fruits. Descriptions include planting information. Young sizes offered as well as landscape grades. Free (except 25c, West of Iowa). Kelsey Nursery Service, 50P Church St., New York, N. Y.

BURPEE'S SEEDS

This 128-page catalog, more colorful and complete than ever, features a complete listing of vegetables and flowers for 1943. In addition to standard varieties, you'll find Burpee's new All-America Winners. W. Atlee Burpee Co., 504 Burpee Bldg., Philadelphia, Pennsylvania.

GARDEN BEAUTY BOOK FOR 1943

describes and pictures old garden favorites, as well as the latest novelties, including Summer Gold Azaleum and the new Phlox—Bright Eyes. All in all, a colorful assortment, colorfully shown. Write to R. M. Kellogg Co., Box 532, Three Rivers, Michigan.

SOIL TESTING

will protect you against planting good seeds in soil where they will not grow. Write for a very informative little booklet on soil requirements which describes low priced and highly efficient soil testing kits. Sudbury Soil Testing Laboratory, Box 631, South Sudbury, Massachusetts.

GARDEN BOOK FOR 1943

In its 120 big pages, well illustrated, Breck's 125th Anniversary Catalog lists just about everything you need for a perfect garden. Send 25c (deductible from your first order) to Breck's, 301 Breck Bldg., Boston, Massachusetts.

SUCCESS WITH ROSES,

a magazine for rose lovers everywhere, is issued four times a year. Besides providing authentic information on all phases of rose gardening, it reports timely news of rose societies and colorfully presents varieties of roses developed by these famous growers. Send for your free copy to The Conard-Pyle Co., West Grove 320, Pa.

ADAPTABLE, PORTABLE GREENHOUSE

is the new Orlyt which can be erected in a few hours. Radically new, and very low in cost. All greenhouse enthusiasts, take notice! Illustrated brochure free. Lord & Burnham Co., Dept. H-O, Irvington, N. Y.

BOBBINK & ATKINS'

catalog for 1943 may well be considered a "guide to the world's choicest roses and nursery products". Beautifully illustrated pages offer, besides the old favorites and novelties, new specialties in everything from perennials to evergreens. If west of the Mississippi, 25c. Bobbink & Atkins, 523 Paterson Ave., East Rutherford, N. J.

YOUR LAWN & VEGETABLE GARDEN

are comprehensively discussed in 2 booklets which explain the requirements of lawn making and repairing, and give authentic guidance for vegetable gardening. Information is gleaned from extensive experiments at breeding stations of one of the world's largest seed firms. Associated Seed Growers, Inc., Main Office, New Haven, Conn.

FLOWER FASHIONS OF 1943

are colorfully set forth in this tremendous selection of phlox, hardy asters, delphiniums, mums, roses, shrubs, vines, trees, fruits, seeds, etc. You will find ample illustrations and descriptions so that you can easily select exactly what you want. Inter-State Nurseries, 3113 E. Street, Hamburg, Iowa.

TWO BOOKLETS

A booklet on TRANSPLANTONE, which reduces wilting and loss in transplanting, tells how to get the most out of your garden plants and shrubs whether vegetable or ornamental. Another booklet on ROOTONE stresses the use of this root-forming stimulant on cuttings and seeds. American Chemical Paint Co., Horticultural Div. G-23, Ambler, Pennsylvania.

WRITE FOR THESE BOOKLETS

reviewed by House & Garden



Just write to the addresses given for any of these interesting booklets. Free unless otherwise specified.

WILLIAM TRICKER

offers in a 1943 catalog all necessary items for the management of an outdoor pool. Many varieties of both hardy and tropical water lilies are illustrated in full color. Besides, there are listed Nelumbiums, Shallow water and Bog Plants, Goldfish and Scavengers. William Tricker, Inc., 3107 Brookside Ave., Saddle River, New Jersey.

FLOWERFIELD CATALOG FOR 1943

This is really two catalogs in one, with an illustrated section on seeds . . . and another on bulbs, hardy plants and roses. Included in this complete gardening guide is a fine assortment of Iris Kaempferi for which this firm is famous. Send 10c to Flowerfield, 10A Parkside Ave., Flowerfield, Long Island, New York.

BARNES BROTHERS CATALOG

Here is a mighty complete selection of fruit trees, including the dwarf varieties. And an equally inviting offering of shrubs, perennials, hedges, vines, etc. Write to Barnes Brothers, Yalesville, Connecticut.

1943 WOODRUFF CATALOG

For a comprehensive, carefully selected variety of climate-tested vegetable seeds you'll want to consult this illustrated catalog. Over 50 pages of practical suggestions for your vegetable garden. Write to F. H. Woodruff & Sons, Inc., Milford, Connecticut.

NEW ROSES FOR 1943,

Including Heart's Desire, King Midas and many other novelties in roses, chrysanthemums and perennials, are described and very beautifully illustrated in this new catalog. Price 25c, with a money refund on the first order. Totty's, Box G, Madison, N. J.

VAUGHAN'S 1943 SEED CATALOG

is dominated by a Victory Gardening Guide with complete information for beginners in vegetable growing . . . how to plan, plant and cultivate a garden which will produce, on the smallest area, vegetables sufficient to provide maximum nutrition. In addition, there are many pages devoted to flowers, bulbs and plants. Vaughan's Seed Store, Dept. 81, 10 West Randolph St., Chicago, Illinois.

FERRY'S HOME GARDEN GUIDE

is a condensed garden encyclopedia listing essential facts about the best flowers and vegetables for 1943. Ferry's Victory Garden Plan—tested and proved—is a handy, 4-color chart showing how, when and what to plant. Write for both to Ferry-Morse Seed Co., Dept. H-G 1, Detroit, Mich.

IRIS CATALOG

Over 400 improved varieties of beautiful Iris are described and priced—types which flower from early spring until late autumn. Also included are 30 Twice-blooming Iris and 50 Hemerocallis. Write to National Iris Gardens, Beaverton, Oregon.

SUTTON'S SEEDS, 1943

Current conditions have, of course, reduced the size, but the catalog of Sutton & Sons (The Royal Seed Establishment in England) presents a mighty fine selection of high-quality flower seeds. Write to Sutton's resident representative in America—G. H. Penson, Box 646, Glen Head, Long Island, New York.

EVERYTHING FOR THE GARDEN, 1943

is dedicated entirely to Victory gardening. This catalog offers many collections of vegetables suited for various sized areas, and desirable for canning purposes. New introductions of flower seeds and the growing of fruits in the home garden complete the picture. Peter Henderson & Company, Dept. 36A, 35 Cortlandt St., N. Y. C.

SEED ANNUAL, 1943

Included in this colorful 120-page catalog are All-America vegetable and flower novelties, special offerings of Vegetables for Vitamins and Victory, and unusual selections of herbs and trellis-trained fruit trees. Stump & Walter Co., 132-138 Church Street, Dept. H, New York City.

LAWN CARE,

Issued five times yearly, gives valuable data on pest and weed control. "Bent Lawns" is an illustrated treatise on the finest of all turf grasses. "Good Lawns" is the amateur gardeners' guide to better lawns. Free. O. M. Scott, 12 Main Street, Marysville, Ohio.

BUILDING & MAINTENANCE

THE OPEN DOOR TO A NEW LIFE

is the illustrated story of Shepard Homelift, easily installed elevator for the home. Included are scaled drawings and an impressive list of Homelift-equipped homes. Shepard Elevator Co., Dept. HG-1, 2429 Colerain Ave., Cincinnati, Ohio.

A HEATED QUESTION

is answered by the new Minneapolis-Honeywell Chronotherm. If you want to know how much trouble you can save yourself in heating your house, by all means send for this new booklet which is full of many interesting statistics. Minneapolis-Honeywell Co., Dept. HG-1, 2790 4th Ave. So., Minneapolis, Minnesota.

A GUIDE TO HOME COMFORT

shows you how Chamberlin Weather Strip and Calking, Rock Wool Insulation, Storm Windows and Kool-Shade Screens can help keep your home both cleaner and warmer—economically. Chamberlin Metal Weather Strip Co., Dept. HG-1, 1369 La-Brosse Street, Detroit, Michigan.

HOMEFURNISHINGS

INVITATION TO GRACIOUS LIVING

is an invitation to enjoy music right in your own home, perfectly reproduced through the Magnavox combination radio-phonograph. This booklet illustrates cabinets, in themselves beautiful pieces of furniture. Magnavox, Div. HG-7, Ft. Wayne, Ind.

FOR THOSE WHO CARE

Ten pages of gift suggestions in linen. . . . Lovely handkerchiefs for both men and women . . . blanket covers, cute cocktail napkins, gay guest towels, luncheon sets, bath towels and matching mats. All items are illustrated and priced. Albert George, Dept. HG-1, 699 5th Ave., N. Y. C.

A NEW KIND OF BLANKET

is the story of Purrey, the blanket which is 95% air! You'll find both interesting reading and convincing proof in the amazing facts that show why Purrey blankets can satisfy you on all scores. Nashua Mfg. Co., Dept. HG-1, 40 Worth St., N. Y. C.

RESTFUL SLEEP

Do you know why sheets often become too short? How to judge quality? How to make a bed properly? How to launder and care for linens? You'll find the answers—and more—told by an expert. Utica & Mohawk Cotton Mills, Inc., Dept. HG-1, 801 State Street, Utica, New York.

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GLASS AND MIRRORS,

their many new and unusual uses for home and office, are shown in this colorful 32-page booklet . . . glass and mirrors for walls, for mantels, for shelving, for all sorts of table and desk tops. Included are detailed charts on sizes, colors, prices, etc. The Pittsburgh Plate Glass Co., Grant Building, Pittsburgh, Pennsylvania.

LATEST IDEAS ON REDECORATING,

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CHINA, SILVER, GLASS

THE MAKING OF FINE CHINA

This guide to the buying of fine china illustrates many processes in the making of it, differentiates it from earthenware, and describes various decorative motifs used. Send 10c to Lenox, Inc., Dept. HG-1, Trenton, New Jersey.

DECORATIVE ART POTTERY

is the subject of a beautifully illustrated, 24-page booklet which stresses decorative settings and points to outstanding examples of ancient and modern ceramic art. Send 10c. Roseville Pottery, Inc., Dept. HG-3, Zanesville, Ohio.

FOR THE BRIDE

There's a folder illustrating some lovely stemware patterns and decorative pieces made by the Libbey Glass Company. With each photograph is a description and a note about the inspiration of the design. Write to Libbey Glass Co., Dept. HG-1, Toledo, O.

HAVILAND CHINA

"Fine China—To Have and To Use" shows a varied selection of lovely patterns, some in full color. "Theodore Haviland—The History of a Name" traces the romantic history of this china. Send 10c for both. Theodore Haviland & Co., Inc., 26 West 23 Street, New York City.

WINES & FOODS

WHAT ABOUT WINES?

Between the covers of this useful booklet are crammed helpful facts about brands, vintages, correct serving temperatures, a chart showing the correct wines to serve with individual courses. Also, there are some recipes for cooking with wine and for mixed drinks. Widmer's Wine Cellars, Inc., Dept. HG-1, Naples, New York.

WINE WISDOM,

a booklet for connoisseurs, describes the history of Gold Seal Champagnes and Still Wines, as well as their accepted usages. Included are recipes for cooking with wine and mixing wine drinks; also, practical hints on serving wine. Urbana Wine Co., Inc., Dept. HG-1, Hammondsport, N. Y.

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OTHER USEFUL BOOKLETS

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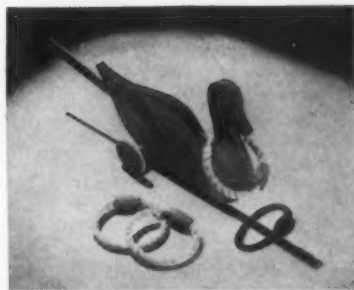
This folder lists the various beauty preparations scented with "Attar of Petals" fragrance. What's more, it shows dozens of decorative and practical ways to use the beautiful hand-painted jars for their contents are exhausted. Write to Jean Vivaudou Co., Inc., Dept. HG-1, 10 W. 33 St., N.Y.C.



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Ring the neck of this obliging duck and she'll run back to you with the ring. It's the silliest looking thing you ever saw and loads of fun. Called Quoit Quack, the duck and three rope rings to toss around the neck cost \$1.09, Gimbel Bros., 33rd St. & B'way, N. Y. C.

Mystery record with a maddeningly unpredictable horse race recording on one side, a motorboat race on the other. Your guess is as good as anyone else's. Has exciting sound effects. Betting board, odds chart, record, \$2, Home Game Co., 360 N. Michigan Ave., Chicago.



Hanging's too good for the three tyrants pictured here and we don't need to mention their names. You'll get a fiendish delight when the ball you toss hits the hole under your pet hate, for that hangs him by the neck. "Hang the Tyrants", \$4.69, R. H. Macy & Co., N. Y.



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with the jack-pot questions. For the pay-off there is \$1000 in paper money. Any number of people can play. Lots of fun for \$1, Joseph Horne Company, Pittsburgh, Pennsylvania.

Ten pins are painted on cork surface of the board. With it come 4 steel tipped darts, scoring pad and regulation crayons, \$5. You will find it at F.A.O. Schwarz, 745 Fifth Ave., New York City.

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The board is the Official Tournament size Game Board, 38 1/2" square, and can be used on an ordinary card table. The board has natural wood finish with diagrams in black and red. Four net pockets in corners. 72 pieces of playing equipment and board, \$5, Haynes-Griffin, 373 Madison Avenue, New York City.



Air-minded groups of all ages find Spot-A-Plane a thrilling, timely game. Approved for release by Army and Navy Air Forces, it teaches identification of silhouettes of Allied and Axis aircraft, \$2, B. Altman & Co., 34th Street and Fifth Ave., New York.



Cleopatra may or may not have played backgammon but it was in vogue in her day and has only now been basically changed, in a game called Circle Gammon. Faster and easier to master but every bit as fascinating, it is \$2, F.A.O. Schwarz, 745 5th Avenue, New York City.

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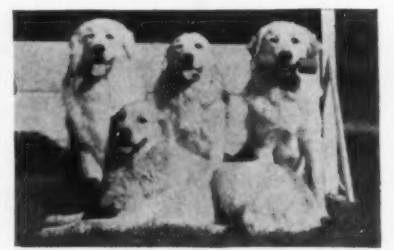
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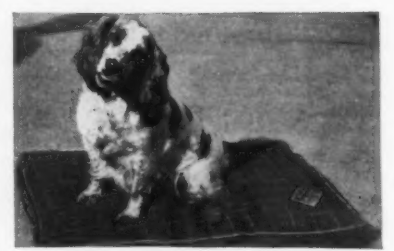
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If you have a dog, you should give him certain rights and privileges. One way to keep him contented is to give him a canine mattress—perhaps one made of heavy damask stuffed with cedar shavings, with slide end for refilling. He will prefer a mattress to even your best furniture.



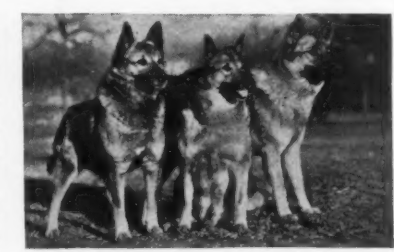
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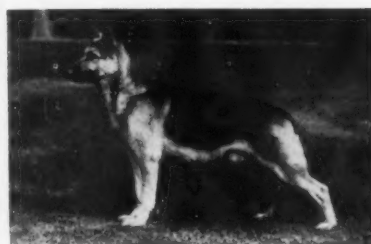


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THESE two "white cavaliers," officially known as Bull Terriers, are owned by Mrs. H. A. Gogarty. Looking at them prompts us to ask if you have ever read Richard Harding Davis' great story, "The Bar Sinister," which was inspired by the deep love Mr. Davis had for this breed.



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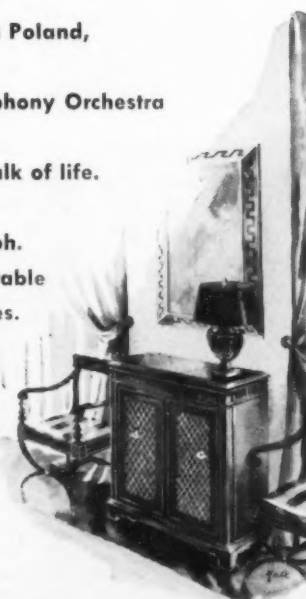
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The Bulletin Board

Greetings

It may seem like "chanting faint hymns to the cold fruitless moon" to wish friends a Happy New Year just now, and yet, for all the grim living, sorrows and responsibilities that lie ahead of us, we will surely find some measure of happiness in homes where love and contentment reign.

So to all its readers, near and far, HOUSE & GARDEN wishes a Happy New Year.

Praise of Beach Plums

When, this last August, the Arnold Arboretum awarded its prizes for beach plums, we hoped that other sections of the country besides New England might enjoy this fruit. There are, under Heaven, delectable jams and jellies, but anyone having tasted it will praise beach plum jam. Why not start a crusade in your neighborhood to plant beach plums? Given the proper soil and exposure, even the gardens of the upper Midwest might enjoy them.



Take the creepie

These Winter days remember that the place nearest the fire is the seat of honor given guests—the symbol of ancient hospitality.

In Irish cabins they place before the fire a little stool called a "creepie". Low enough, one who sits on it is on a level with the fire. We might adapt this to our fireplaces. And, when a ponderous guest appears we'll say, with a gesture, "Won't you take the creepie?"

Names and names

From a California reader who has followed our collection of place names come these towns—Coarse Gold, Fish Camp, Grub Gulch.

In Cass County, Missouri, there's a town named Peculiar. This State also has Novelty, Neck and Kidder. Alabama has a Burnt Corn.



What to grow

Unless you have plenty of space and the time to cultivate them, the Government suggests that you avoid growing watermelons and cantaloupes. Stick to green and yellow vegetables. These supply the vitamins necessary for balanced nutrition. Some also supply proteins, calcium, iron and niacin, the pellagra-preventing vitamin.

Grow more bush fruits and, if space is limited, use dwarf fruit trees. Americans have neglected the home fruit garden. This Spring is the time to reform.

Nothing

These were his acres; this his hill—
But this was not the thing he'd sought;
He'd had his fill of ownership,
Of things desired, of things hard-bought.

For this he's signed a deed:
to climb
With purple asters all around
And stand, amazed and satisfied,
Where there was not a single sound.

BARBARA A. JONES

ON THE COVER

Photographed by Baker, a countrified Victory Garden Harvest display for the cover of this January issue—heaps of vegetables and fruits, jars of preserves and flowers from the garden. Among them is Pinocchio, the amazing new rose recommended for 1943. All of these blooms are from Ariston Dated Flowers.



KARGER-PIX

SAN ANTONIO deceptively peaceful citadel of the plains

TEXAS

Important source for fresh regional design,
its colorful history is outlined in the growth
of its oldest modern city, San Antonio



EDITOR'S NOTE: Through its regional issues, HOUSE & GARDEN has consistently sponsored the discovery of America by Americans, and the development of contemporary styles both in architecture and decoration based on these sources. Texas, always famed for its lusty fighting spirit, and in the news again today as a modern military stronghold, is a timely addition to the series.

AT the core of Texas, geographically as well as historically, is San Antonio, focal point of early colonization and scene of its most heroic battles. And it is to this ancient city, situated on the meandering San Antonio River (opposite), that we turn for the source material which is influencing the development of the fresh indigenous American style, shown on pages 20 to 23.

Today's Pearl Harbor battle cry, "Praise the Lord, and pass the ammunition!" might well have been San Antonio's own. For her civilization began with the missions and presidios erected by the Franciscan Fathers in the name of the Spanish king. The city was founded as a military stronghold, it has remained an important army post through the years, and today with Fort Sam Houston, the largest permanent army post in the world, and with eight other military reservations such as Randolph, Kelly and Brooks airfields nearby, its destiny has not varied.

To the casual visitor, San Antonio belies its vigorous, bloody and tumultuous history. One sees only the peaceful little river winding through six miles of bustling city streets; the old adobe or "tufa" missions, beauty still etched in their lines of crumbling masonry, in their vanishing frescoes of vegetable or mineral dyes recalling childhood's finger painting; the longhorned cattle, and the buffalo that once roved the plain in herds, now relegated in sparse twosomes to the city zoo.

← SAN ANTONIO, citadel of the plains

Oldest and one of the most romantic cities of the Southwest is San Antonio—with her peaceful little river winding through the city streets, with her striking contrasts of old and new, with her dauntless legends of ancient heroes. Founded originally as a military stronghold, today a new breed of heroes walks her streets and punts on her river. For with the permanent fort of Sam Houston, and the great airfields such as Kelly, Randolph and Brooks, San Antonio repeats her familiar pattern and is again a citadel of modern military destiny.

One sees interesting faces—perhaps with a definite Latin or Indian cast, for about a third of the population is of Mexican descent; perhaps blondly Teutonic or blue-eyed Anglo-Saxon, for the Germans and the Scotch-Irish passed this way; perhaps with the high cheekbones of Spain or the vivacious mien of the French, for the Spanish and the French were its discoverers. He will hear half a dozen American accents: the soft elided syllables of the Deep South, the nasal twang of the Far West, the flat "A"s of the Middle West, and the rhythmic cadence of interpolated Spanish and Mexican words.

He will visit her shrines, and her old Spanish Governor's Palace—a still fresh documentation of the Spanish province that Anthony Adverse knew. And he will be charmed with its paradoxes: the elegant painted wood pieces, the tiled floors, the delicate iron lace, the mosaic courtyard, the escutcheons, the scrolled braziers, the frankly Provincial tinwork in sconces and mirrors, the corner fireplaces filled with standing logs, the plain white plaster walls, the wall niches (see page 20). He will pass through such museums as the Witte Memorial with its branding irons and Indian "Katchina" dolls.

HIS eye will feast on color—the vivid yellows, scarlets and purples of the cactus flowers, the mauve of the chinaberry tree, the blues of the bluebonnet field, primroses, yellow and pink, and the lovely soft gray of mesquite; and on the bold shapes of the tropical leaves and trees—elephant ears (chaparral), Spanish bayonet, oleander. He will see in San Antonio, as our editors saw, a stimulating blending of the old and new that well might be the springboard for a fresh American modern style.

But to understand San Antonio—and Texas—he must conjure up in his mind's eye her early peoples and heroic past. First there were the intrepid explorers, men who blazed the trail for King and Country through unknown wilderness fraught with hardship and terror—hostile Indians, uncertain supplies of food and water, abundant rattlesnakes. There were Frenchmen such as the gallant young St. Denis, who marked off the perilous trail from Nacogdoches in Louisiana through Texas as the San Antonio Road; or such as the unlucky La Salle, whose attempts at colonizing met with death.

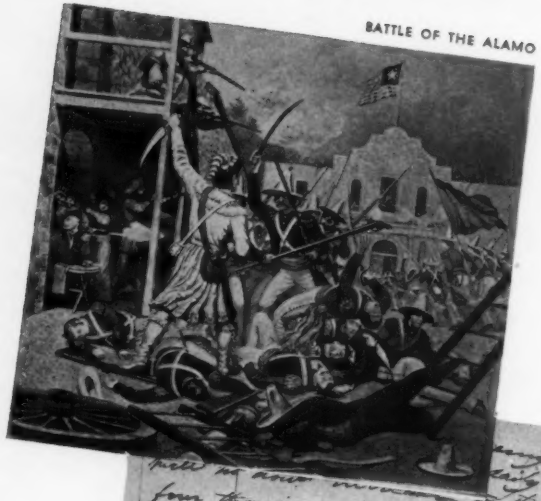
There were Spaniards such as Father Massanet and Don Domingo who first christened the little Indian village San Antonio in 1691; and such as the other dauntless Franciscan Fathers who built the missions and presidios. There was Moses Austin and later his son Stephen who led the

influx of Anglo-Saxon colonists which began in the 1820's. There were the heroes of battle: General Sam Houston, the soldiers of the Alamo—Bowie, Crockett, Travis; vigilantes, such as Mandragon (a tree in the Plaza was called after him the "law of Mandragon" because of the many horse thieves and miscreants strung up to its branches); and finally the tough, hard-riding Rough Rangers.

Every plot has its villains; San Antonio's cast of them was singularly colorful and bloodthirsty. There were the *Indios bravos* (or wild Indians so-called in contrast to their converted brethren, the *Indios reducidos*) who harried the colonists from the 17th Century on and scalped luckless stragglers from the San Antonio community as late as the 1850's. There was Arredondo, the savage Spaniard, responsible for one of the city's bloodiest massacres; and the Arredondo-trained Mexican, Santa Anna; and his brother-in-law, General Cos, who finally signed the Mexican articles of capitulation in the house shown on opposite page.

No less important to Texas and her development into a mighty empire of today were the unsung pioneers who fought only with axe and adze to wrest homes from the wilderness. These first settlers, Spaniards and Mexicans, built adobe houses of sunbaked clay suitable to the Texas climate; see Cos house opposite. Settlers from the East brought in types such as the pioneer log cabin and dog-run house.

The Spanish influence was reflected in such elegant haciendas as the Governor's Palace (opposite), or in the more lowly ranch house, typified by the transitional "Sunday house" we show. (The early ranches were so distant that ranchmen would have to ride into town on Saturday and spend the night in order to attend church on Sunday.) Later came plantation houses recalling the Deep South. Today Texas is developing a modern style of her own, in architecture as in decoration. See its application on page 24.



BATTLE OF THE ALAMO



TRAVIS'S FAMOUS APPEAL

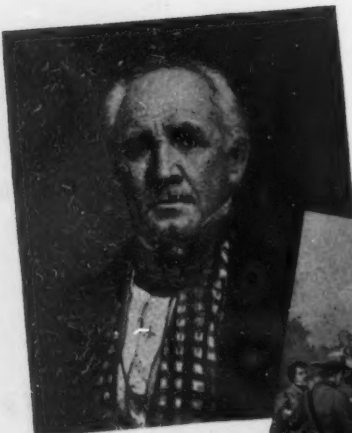
"Remember the Alamo!" The heroic stand of William Barret Travis and his little band of hardy men, pictured above, will always live in Texas hearts.

With a garrison of less than 200 pitted against 5,000 Mexicans under Santa Anna, Travis wrote a stirring appeal for aid, part of which is reproduced above. It reads, "If this call is neglected, I am determined to sustain myself as long as possible and die like a soldier who never forgets what is due to his own honor and that of his country—*Victory or Death.*"

Death came to every man in the garrison when, on March 6, 1836, Santa Anna ruthlessly slaughtered sick, wounded, and captives after eleven days of siege and the final bitter hand-to-hand fighting (pictured above) which had cost him more than a thousand men.

Retribution was swift. Under General Sam Houston, far left, on April 21, 1836, at the battle of San Jacinto, the Texas army fell upon Santa Anna and his men, killing or capturing the entire Mexican command. Santa Anna fled, but was taken next day disguised as a peon, and brought before Houston as the American lay wounded, lower left.

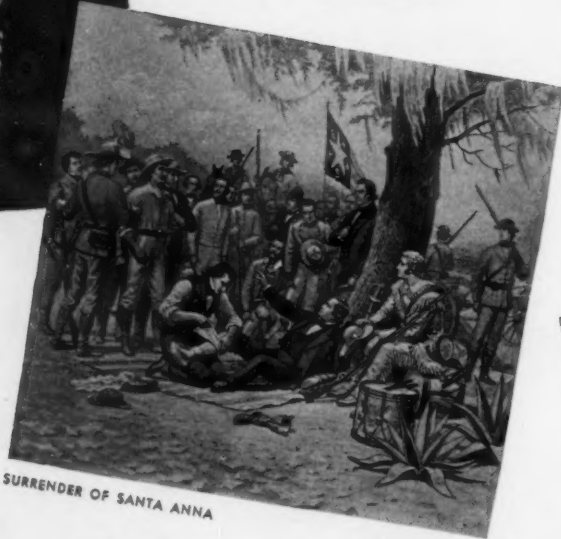
This was the end of Mexico's power in Texas which for the next ten years was recognized as an independent nation. It was policed by the rough-riding Texas Rangers who could "ride like Mexicans, shoot like Tennesseans, and fire like the very devil", upper left. Below: six flags have waved over this nation-state, 1. Spanish, 2. French, 3. Mexican, 4. Lone Star, 5. Confederate, 6. U. S. flag of 1846.



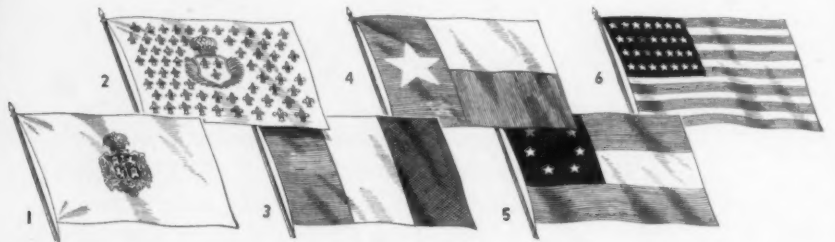
SAM HOUSTON



TEXAS RANGERS



SURRENDER OF SANTA ANNA



SIX TEXAS FLAGS; SEE CAPTION ABOVE



WITTE MUSEUM, A "DOG-RUN" LOG HOUSE



RESTORED HOUSE AT LA VILLITA



PATIO AND FOUNTAIN, GOVERNOR'S PALACE



OLD WHITE STONE HOUSE, FREDERICKSBURG



"SUNDAY HOUSE" WITH TYPICAL STAIRWAY



ADOBE-BUILT COS HOUSE IN LA VILLITA

Texas history shown in old homes



OLD MANSION IN GREEK REVIVAL STYLE



HOUSE, BUILT 1840, SHOWING NEO-CLASSIC INFLUENCE



COUSIN TO ITS LOUISIANA COUNTERPARTS, A STATELY TEXAS PLANTATION HOUSE

RANCHING

Oldest, most picturesque industry in Texas prospers in the Hill Country north and west of San Antonio

THE Wild West of yesterday is vanished, the riproaring frontier aspect of Texas in the pioneer days is gone. But part of its colorful way of life lingers on in the ranches around San Antonio, situated in the sloping tablelands to the north and west, at the foot of the Balcones hills. With up-to-date equipment and efficient management, ranches are today Big Business. But even so the art of roping steers, of clipping goats for mohair, of raising sheep for wool have changed little, as we show on these two pages. And horses, once the Fords of the Texas plains, still remain a principal means of locomotion, more than ever in these rationed days.



Cowboy Customs

Because of rolling distances and incredibly varied terrain, Texas still relies on the horse for transportation, raises more saddle horses than any other state but one.

The same factor of brobdignagian geography has always made it an ideal location for cattle raising, is responsible today for its roster of more cattle than people. Above: Gallagher Ranch cowboys shooting craps; steps in roping and tying a steer. Right: Jefferson High School girls emulate the cowboy's magic with a lasso.



KARGER-PIX



Angora Goats

Former wasteland has become valuable pasture for the Angora goats of Texas which now produce three-fourths of the mohair in the Nation. Finest grade of this important commodity is now replacing silk in parachutes, will soon be used exclusively.

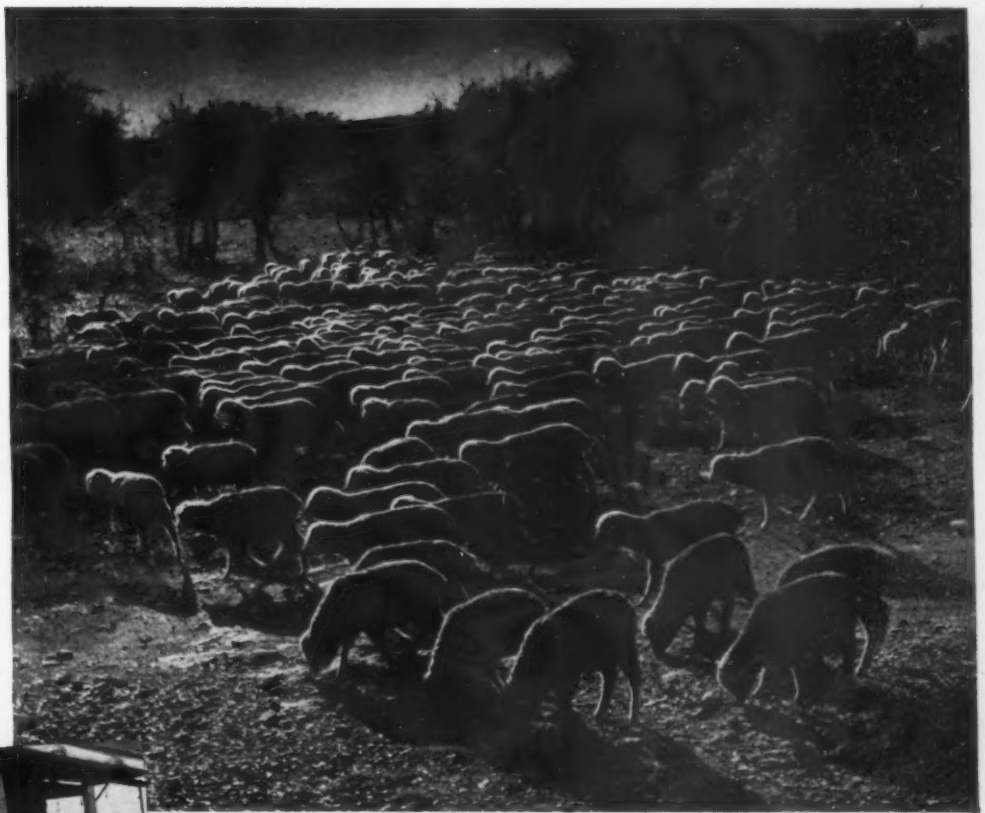
In Comfort, north of San Antonio, is the largest warehouse outside of Boston. Here mohair is "stacked", see two Mexicans at far left, and graded, left, by experts from Boston and England. Above: appealing Angora kids in group and nursing.



Sheep Raising

Source of many killings was the bitter war between cattlemen and sheep ranchers, but sheep are in Texas to stay; the state now produces more wool than any other. Sheep country is the rugged, semi-arid region of the southwest; herders ride horses, are aided by clever "Border" collies.

Sheep coming in from pasture at right; below, left to right, newborn lamb on wobbly legs; sheep-shearing by machine; forlorn-looking shorn sheep; buyers sampling wool. Turn to page 69 for more information.



KARGER-PIX





KARGER-PIX

San José—Queen of the Missions

The missions of San Antonio

From the Alamo of heart-stirring memory to beautiful San José, San Antonio can boast five famous missions

IN contrast to the Texas tradition of hard-riding, quick-on-the-trigger cattle ranchers, are her beautiful Spanish Missions. Founded by the Franciscan Fathers with the protection of the Spanish Governors, they embody the romance of Spain and the colorfulness of old Mexico. Around almost every one center tales of past battles and the prowess of those who claimed Texas from the wilderness.

Within their cool cloisters the Fathers told their rosaries, ready at any moment to defend their strongholds against tribes of hostile Indians. With loving hands they embellished ceilings, walls and even the stuccoed façades with rich frescoes, scrolls and bandings in reds, blues and ochres. Beautifully carved statues, heavy silver vessels were the pride of the Mission chapels and the awe of the savage converts who left their own people to live within the Mission walls.

The Missions which we show here were built of adobe and tufa, a porous native limestone easily carved by early artisans into elaborate figures. An outstanding example is San José with its splendid façade, opposite. Smaller, but each with its own interest are The Alamo (which gave Texas her famous battle cry), San Juan Capistrano, San Francisco de la Espada and La Purissima Concepción. *(Continued on page 61)*



THE ALAMO

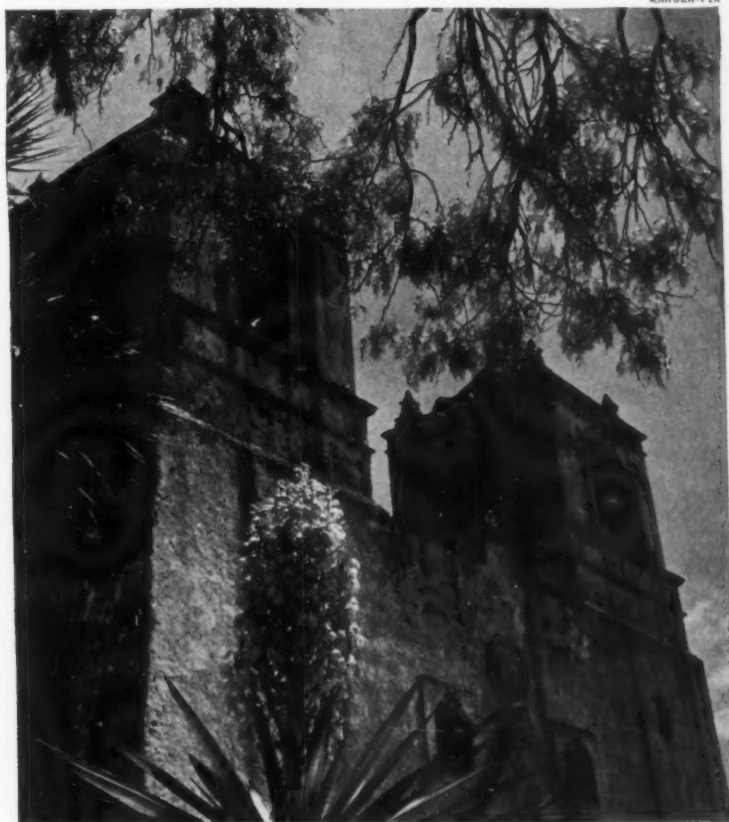


SAN FRANCISCO DE LA ESPADA

3 PHOTOS BY ANIOL



BELL TOWER OF SAN JUAN CAPISTRANO



LA PURISSIMA CONCEPCION



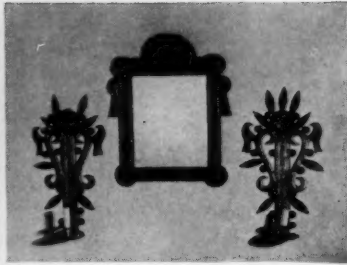
ROSE WINDOW OF SACRISTY AT SAN JOSE

The Texas Style— a new decorating trend

Primitive and suave, Modern and traditional, our varied heritage from Texas inspires new decoration



Wine niche in the Governor's Palace, with Mexican glass bottles like those in use now.



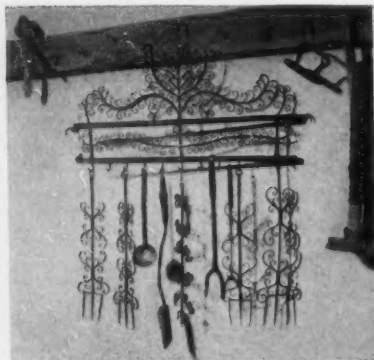
Indian motifs on this tinware from San Antonio recur in new pottery, fabrics and wallpaper.



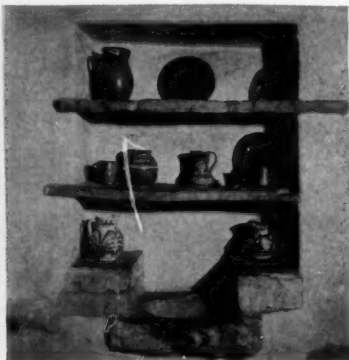
Early Texan chair from the Witte Museum, with high back and leather basketweave seat.



Spanish Mission style bench which would be at home in Modern Provincial decoration.



Ornamental and practical, scrolled key hanger from the Spanish Governor's palace.

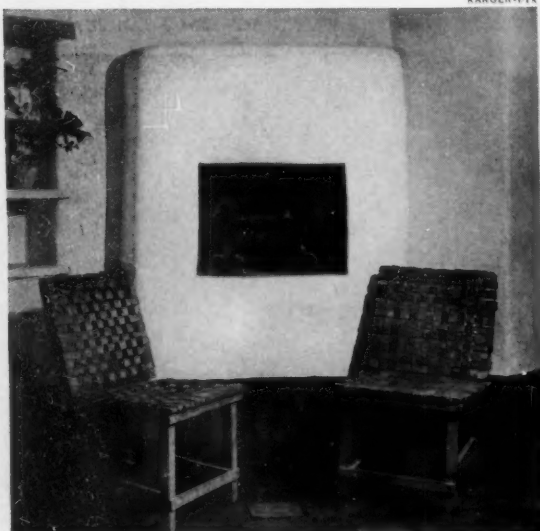


Southwestern Indian pottery made in traditional forms and colors looks Modern today.

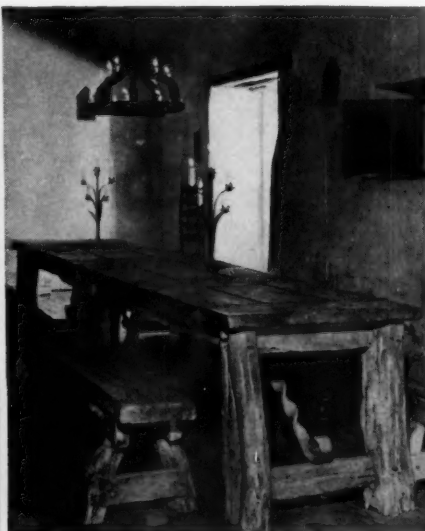
THE fresh, hearty quality of Texas design is making itself felt strongly in American decoration. This regional decoration bears the stamp of the rich earth and broad expanses of the countryside, of the races and nationalities that molded Texas history. From this background, a new style trend has emerged which allows delightfully varied interpretations.

If you were to look for Texas furnishings today, in one shop you might see ranchhouse Modern or Provincial decoration. In another, Mexican and Indian arts and crafts would be shown to you, while a third might point to the Spanish Colonial style. All three are Texas; all three are part of the new trend.

Today, the handsome scroll designs of Spanish Colonial patios (see page 15) or of ironwork racks, far left, are echoed in new fabrics or wallpapers. The basketweave construction of early Texan chairs reappears in Modern furniture. Mexican tinware inspires new table linens, earthenware and accessories. Luxuriant, regional foliage—elephants' ears, cactus, and mesquite—and flowers such as bluebonnets, oleanders and primroses in strong clear colors are exciting news in smart fabrics. Here are examples of many-faceted Texas decoration. Opposite are contemporary interpretations of this new American trend.



Living room of the restored Cos House in San Antonio. Fireplace, and chairs with laced cowhide seats and backs, are typically Texan.



Corner of dining room in Governor's Palace built in 1722 in San Antonio. Note wide paneled walnut table top.



Elaborate painted wooden headboard on a bed in the Governor's Palace; it has gay Southwestern flower designs in clear colors.

KARGER-PIX

7 PHOTOS BY PATTESON



DAKER



2



3

Three variations on the Texas theme

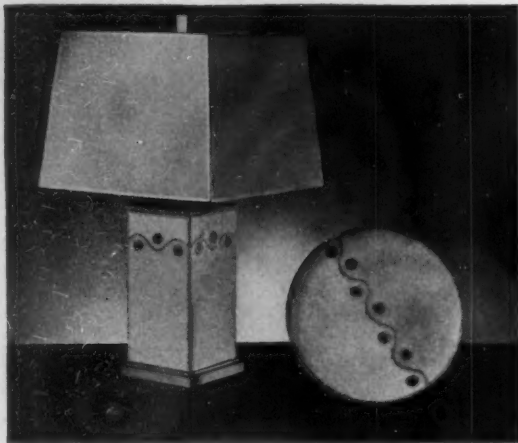
1. Entirely Modern in feeling, Indian accessories, semi-tropical foliage key this room to the Southwest. We set the mood by using a dramatic leaf-patterned wallpaper and a sculptured floorcovering as a background for sectional, stackable pieces. Plants are used lavishly here, as they would be in Texas.

2. Ranchhouse Provincial dining room inspired by the Spanish Governor's Palace and Cos House in San Antonio. Texan in mood it would be equally attractive in any other country home. Hallmarks of the region: luncheon set in a Hopi Indian design; rough plaster walls and fireplace; hearthside pots.

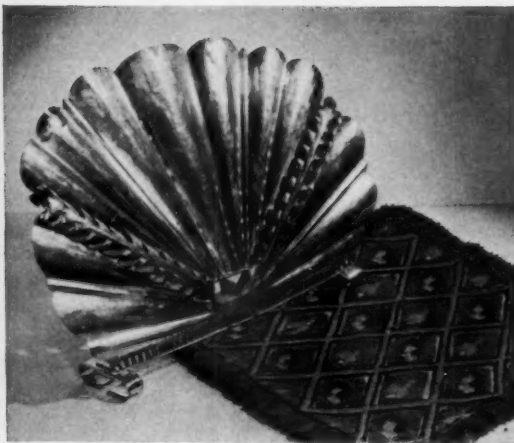
3. Spanish Colonial in mood this bedroom also reflects 19th Century French influence. Texas colors—Blue-bonnet Blue, Cedar, Cactus Yellow and Purple, and Mesquite Gray appear in Mexican prints, on furniture. Soft tones of these colors are repeated in spread and rug. Further details on these rooms, page 69.

The Texas trend influences new Provincial, Spanish Colonial or Modern furnishings

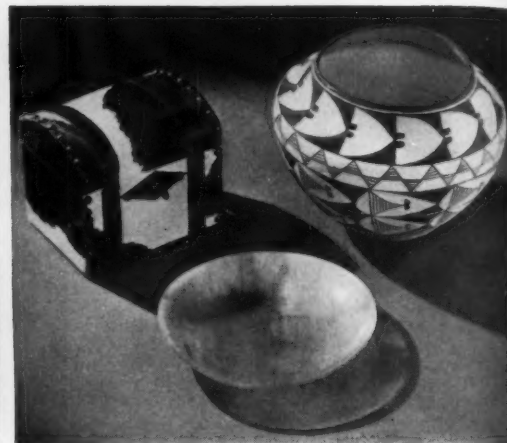
Smart new regional accents for



Primrose pink and white in cracked pottery wears primitive Indian motifs, looks entirely Modern. The lamp is \$20, matching plate \$7.50 at Bloomingdale's.



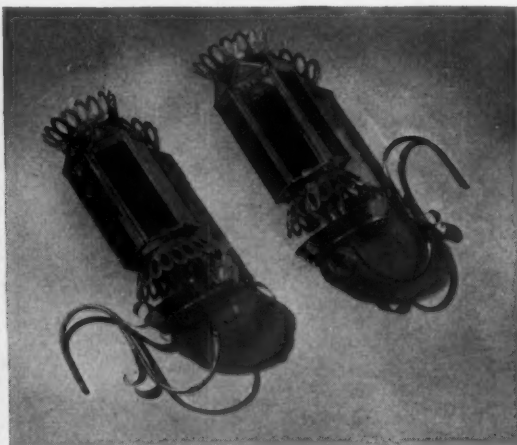
Mexican motifs in a fan-shaped fire-screen. Note similarity of design to antique tinware on page 20. This one is \$18 at W. & J. Sloane. Alpujarra rug from P.R.M.



Provincial or Modern: cowhide trunk for cigarettes, \$10, Wanamaker. Pottery vase, \$2, Bot Totman's, Sheridan, Wyo. Horn ashtray, \$2, Fred Leighton.



Delicate scrollwork combined with Indian motifs reflects the influence of Spanish colonizers on native design. Bowls are \$3.85 each at Wanamaker's.



Patterned after old ones, these tin and amber glass hurricane lanterns may be carried as candleholders or hooked into wall brackets, \$12.50 ea., W. & J. Sloane.



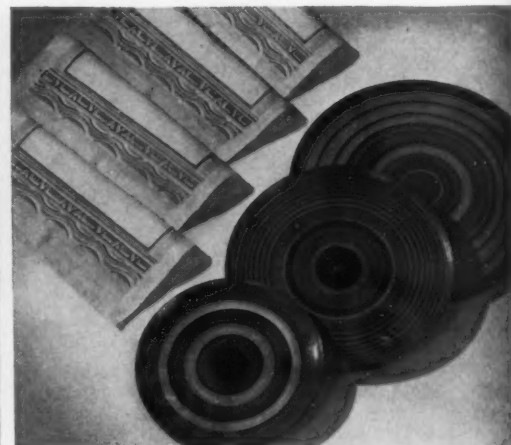
Mexican costume prints are clever accents for Modern or Provincial rooms. F. A. R. Gallery has these colorful, authentic ones, attractively framed at \$15 each.



In the Governor's Palace bottles like these would be kept in dining room wall niche (see page 20). Cordial bottle, \$2.50, decanter, \$5, Leighton. Cruet, 69c, Macy.



Modern-looking, but really Spanish Colonial, this antique silver honey-and-melted-butter set would grace any table. Sloane's has it for \$32.50 complete.



Brilliant color in simple geometrics. Wood plates, \$1.20 to \$3 each, Bloomingdale. Luncheon set, bordered napkins, \$4 for 9 pcs., The Cellar, Kansas City, Mo.

your home



Ranch-country influence is suggested in this lasso-decorated, textured plaster lamp with straw shade. Bloomingdale has it for \$10.

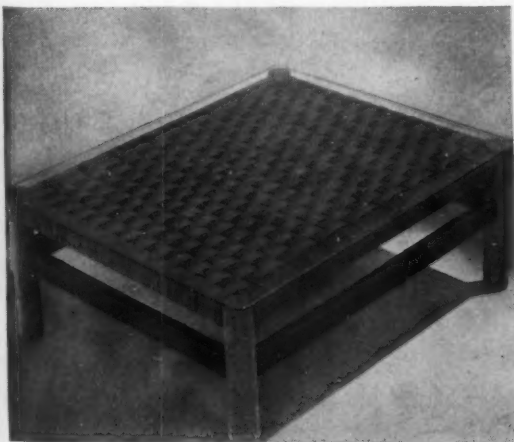
Dramatic new backgrounds

1. Yucca flowers bloom against a gay plaid background, left, in this Johnson & Faulkner print. Right, tropical foliage in a striking design, Schumacher.

2. Grillework stripe, reminiscent of the delicate scrolls of the antique key-rack on page 20 in a handsome upholstery fabric from Scalamandré.

3. Baroque scrolls in wallpaper from Basset & Vollum and a printed cretonne, far right, from Johnson & Faulkner. Pebbly textured rug, Firth.

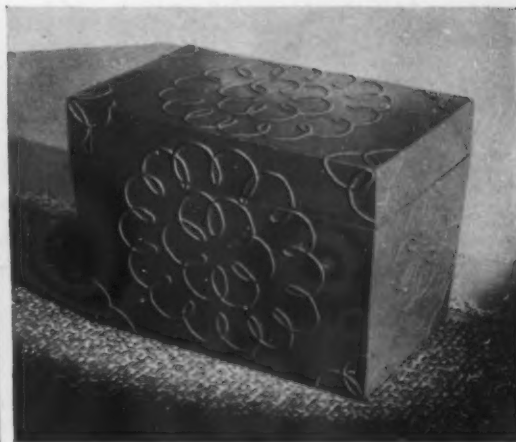
4. Bluebonnets add interest to the attractive Modern arrangement of this colorful print, Scalamandré. Additional merchandise, page 55.



Modern in color and design this coffee table combines bleached oak with red and blue raffia caning reminiscent of early Texan designs, \$83.50, W. & J. Sloane.



Traditional construction of this Mexican chair and table has a Modern Provincial look. Pigskin and split cedar chair and table, \$12 each, Fred Leighton.



Quilted red leather covers this handsome storage chest. The scrolled medallion design resembles early Spanish and Mexican iron-work. Sloane has it for \$75. Rug, Klearflax.

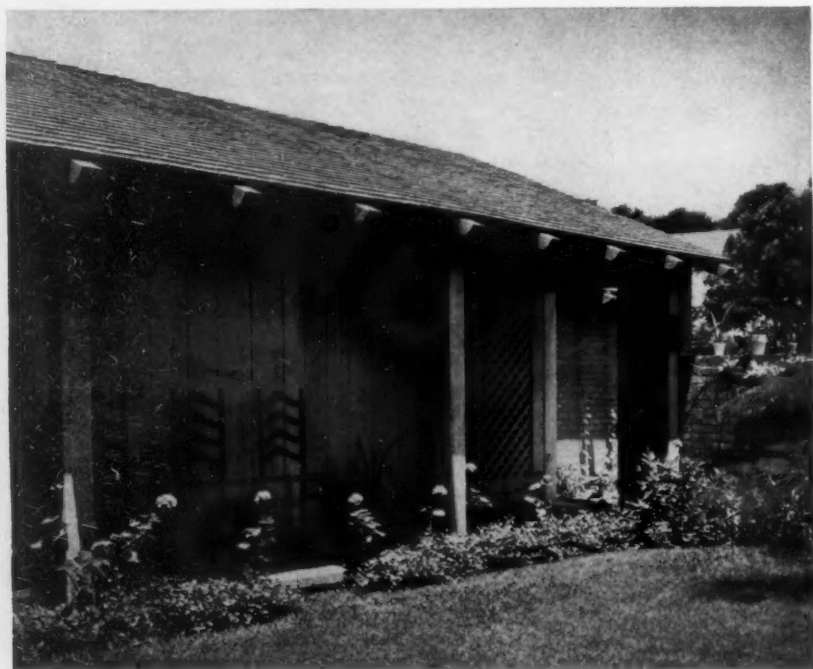
Actually compact, yet rambling in effect, is

The three trends in Texas design,
embodied in a small ranch house
adapted to city living

R. A. KOLVOORD



Wide, gently sloping eaves, supported on sturdy posts, shelter the brick-floored terrace which runs around two sides of the walled patio and provides a pleasant place for outdoor dining.



Modest, modern descendant of the Spanish hacienda, this house is entered through the lattice gate, above, which opens on a covered terrace leading to the double doors shown at top of this page.

THE informal character and air of leisurely spaciousness so typical of the old-style Spanish hacienda has been adroitly recaptured and reproduced on a modest scale in this little house in Dallas, Texas.

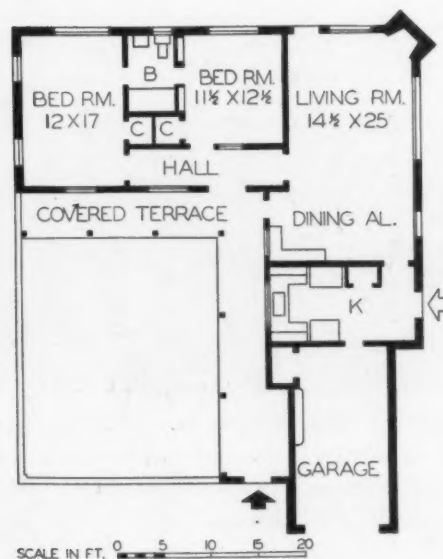
It was designed and built by Lawrence Joseph, planned and decorated by Leon Dacus, for two professional women, Miss Lucette Moulin and Mrs. Woody L. Gray, who did not want the usual cottage. They wanted and got both privacy and an effect of spaciousness.

This is due in part to the L-shaped plan, which puts garage and kitchen at the front, living quarters at the back; and in part to the walled-in, patio-like treatment of what would otherwise be an ordinary front yard. All this fits comfortably into a city lot. See plan below.

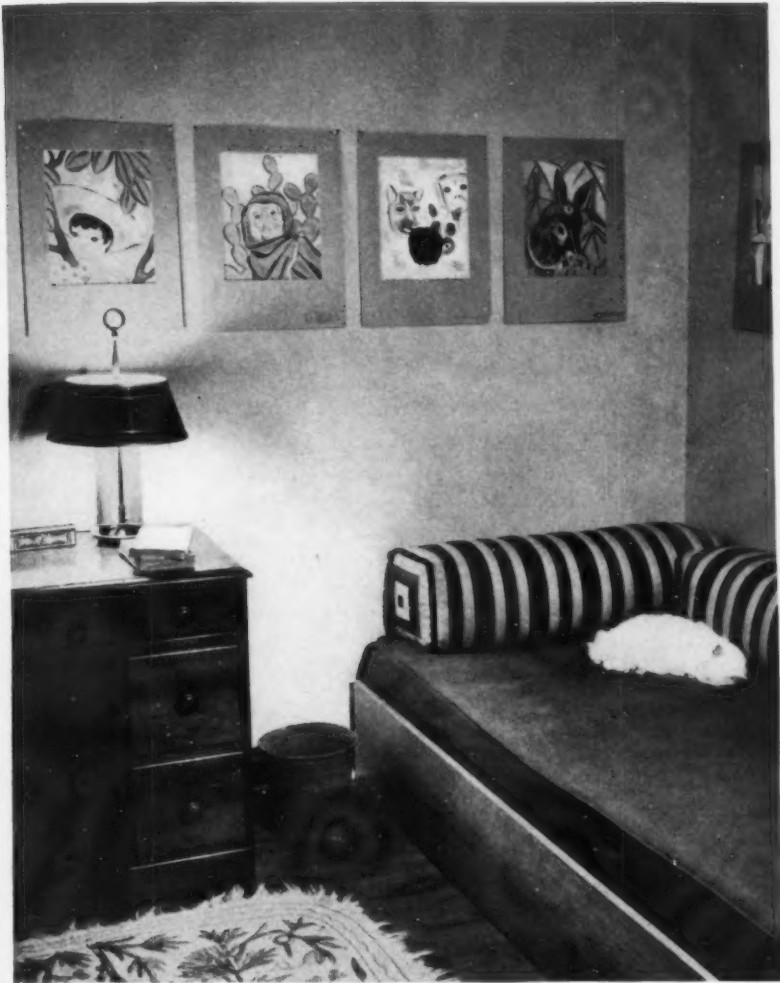
The house is entered through a lattice gate in the brick wall which surrounds the courtyard in front. The visitor then walks the length of the covered terrace to double doors which lead to a brick-floored gallery with living room at right, bedrooms with connecting bath at left.

The exterior is of deep, rose-colored brick, contrasting with the silvery-gray of the weathered cedar shingles and terrace posts which support the wide eaves.

Inside, simplicity is the keynote. Floors are dark, and bare of rugs; trim is a simple half-round molding. Spanish in design, but utterly simple and almost Modern in effect is the raised corner fireplace in the living room. In keeping with the mood of the entire house, the furniture is of Modern Provincial design.



... is this Texas house



Quiet retreat where one owner can work while the other entertains is provided by this study-bedroom. The furniture here has a simple, Modern feeling; colorful Mexican prints on wall.



Diagonal, knotty pine sheathing between false beams, typical of Southwestern ranch houses, makes the ceiling of dining alcove, living room, gallery. Detail of table above is at right.



Hammered metal tray tables beside the couch are reminiscent of the work of old Spanish artisans. The Dutch door leads to a brick terrace at rear which runs the full width of house.



Typically Spanish, yet quite Modern in its utter simplicity is this corner fireplace with knee-level hearth which holds logs in an upright position. Turn to page 20 to see its prototype.



Decorating Dividends

Tips and short-cuts
for making your home
look and feel as comfortable
and gay as you want it to

by BARBARA BISSELL WRIGHT

To give a room a warm livable look, to make it a joy to come home to, there are some purely personal prejudices, convictions, and ideas. Prejudices against the quaint and useless—bedwarmers, make-believe fireplaces, fake flower tie-backs and the like. Conviction that the backgrounds you are going to live with for a number of years are a good bit more important overall than the dress you'll wear two seasons. It pays to spend on your upholstered pieces, your important wood pieces, your lamp bases, a few eye-catching accessories that can individualize the place as yours—cut corners where you will.

BUILD open bookshelves up to the ceiling of your living room or library if space permits. A whole wall of books gives a warm, lived-in look to a room. For best effect, keep your books together, not scattered over the house. Take half a day and arrange them library-fashion, by subject matter. You'll be surprised how much more often you'll use them when they are easily accessible. This applies to record volumes, too; keep them near your victrola.

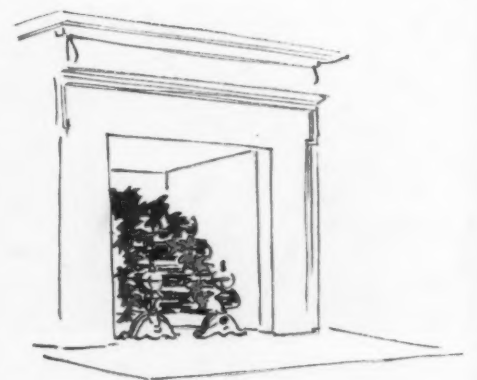
Use mirrors, in strips between windows-close-together, in one huge panel over your mantel, your couch. They lend space and depth and light to every room. Two rules for mirroring; don't place them where they catch your reflection directly; do place them to repeat a good view. Put your pet possessions near mirrors, and double their visual value. And incidentally, display those favorite treasures and enjoy them! Use your childhood silver porringer for ashtrays—they make beauties. Keep a beautiful old paperweight out on your desk, or a beloved volume of poems. Play your music box at breakfast.



HAVE draperies that cover windows, not just frame them. Economize, if you must, on the cost-per-yard, but keep them luxuriously full. If your windows are set low, build the valance above the window frame, and let your curtains hang to the floor. If your ceilings are very low, choose vertical striped curtains. In a very small room you might match your curtains to the wall. Or, paper the window-wall with chintz and use the same chintz for the curtains, painting the other walls.

If you are living in a house you hope to call home for many years to come, invest in Venetian blinds. They'll save you dollars over the years. They shut out inclement weather, and sunlight filtered through them makes the prettiest of patterns in a room. If you have three windows in a row, consider buying one Venetian blind to cover them all. This will make your room look larger.

HAVE a galaxy of greens all year 'round. You'll triple the enjoyment of the money you spend if you buy plants instead of cut flowers. Visit your florist and invest five dollars in fresh leafy potted plants. Group them on low end tables, on iron plant stands in front of your windows. Keep them on your bedside table, in your bathroom. Set a pot of chives and a red geranium on your kitchen window sill. Keep two enormous philodendron vines on either end of your mantel. Later on, when your fireplace is not in use, trail a philodendron vine over white birch logs. Some plants are much harder than others (see HOUSE & GARDEN, November 1942, p. 69), so ask your florist's advice before you buy. Some die fast if watered with chlorinated city water. But, in any event, potted plants will out-live cut flowers by months. And they require much less care!





Is your linen closet a drab, haphazard spot with rumpled shelf paper? Clean everything off the shelves, sprinkle a bottle of lavender on the wood, cover all with quilted chintz, in a small sprightly pattern or bold bright color, like Kelly green or shocking pink. Tack the chintz down firmly under the bottom of the shelf. As a closet lining quilted chintz has several virtues. It's easy to clean with a damp cloth and it holds the scent of lavender as nothing else will.

Forget those little bands that hold wash cloths and sheets and pillow cases together. But do begin insisting that your laundress or your laundry fold your sheets and towels and the like so that the monogram shows on top. Have like things folded a like size. This all makes for a pretty, spick-span closet that gives you endless satisfaction each time you open the door.

A GOOD lamp, like a good couch, is a long-term investment. As the shade is the only part you'll ever have to replace, settle on fine bases and moderately-priced shades. When you shop for them concentrate on buying your most important lamps in pairs. Keep the shades plainish and all of one shape. With most furniture drum shades are the best mixers.

You can have almost any dearly-beloved possession wired to serve as a lamp. A pair of silver candlesticks, wired, make fabulous-looking complements for your dressing table. Unusual and lovely bottles can be easily mounted on painted or stained wooden bases, and wired. You could use a coffee pot or a decanter. Just be certain it's something you'll enjoy looking at for a long time. And please don't put a tiny lamp on a huge table; or vice-versa.



Is your bathroom a dull room? Cheer it with a gay, washable hooked rug, perhaps even a "welcome" mat. Hang a thick toweling or string rug over the tub, to use when you step forth. Look for something remarkable in a shower curtain. Here it pays to splurge—perhaps giddily striped washable duck, sprigged chintz, sail-cloth. Look about your closet shelves for unusual bottles or jugs. Use these instead of the standard marked bottles and jars for salt, soda, mouth-wash.

If you are lucky enough to have a bathroom big enough, it's the natural place for your dressing table. Invest in a set of good brushes. Keep your towels freshly arranged. Use big, beautiful monograms. Try white towels monogrammed in bright startling colors. Frame gay, favorite pictures for the walls. After all, it's *your* bathroom; make it look it—with a big, fat bottle of your favorite cologne; plenty of your favorite soap, cunning jars for your vitamin pills, aspirin, soda mints, cigarettes; a potted geranium in bright pink.

AND last but not least, there is the special something that makes coming home a pleasure. It is achieved with the little things. Sherry in the soup. Pepper grinders instead of shakers. Garlic—the merest breath—or tarragon in the salad. Crisply fresh napkins at every meal, even if they're only gingham checks at breakfast and luncheon. Plenty of cigarettes, every box filled and boxes in every room. Dozens of ashtrays set in convenient places, and lighters that really work. A bowl of big matches on an end table in the living room for that pipe smoker.

A bowl of fresh fruit on the desk or at your bedside—fruit livened with green laurel or huckleberry leaves. Luggage racks for overnight guests, for your own packing. Trays for breakfast in bed on lazy Sunday mornings. A pad and pencil by the telephone. A fingerbowl full of blossom tips on your dressing table. A fresh sweet smell throughout your home, acquired only by fresh air, absolute cleanliness, and an occasional atomizer full of cologne. Housework isn't so much work, if you're homemaking at the same time.



Tricks with trimmings—an easy shortcut to

Be clever with fringe, tassels or braid: use it in inventive ways on picture frames, bed alcoves, ceiling moldings or lamps

IF you're tired of the way your rooms look, you can easily give them a fresh, new appearance, even in these war-limited times, by the use of a little ingenuity and a lot of trimmings. Trimmings are much less expensive than complete redecoration; furthermore, you can put them on yourself and have fun doing it.

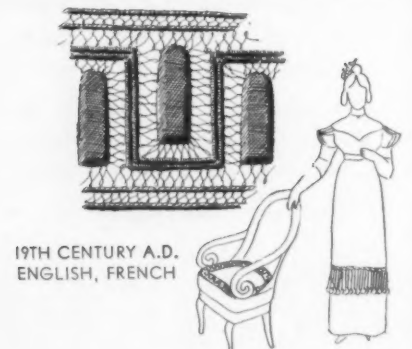
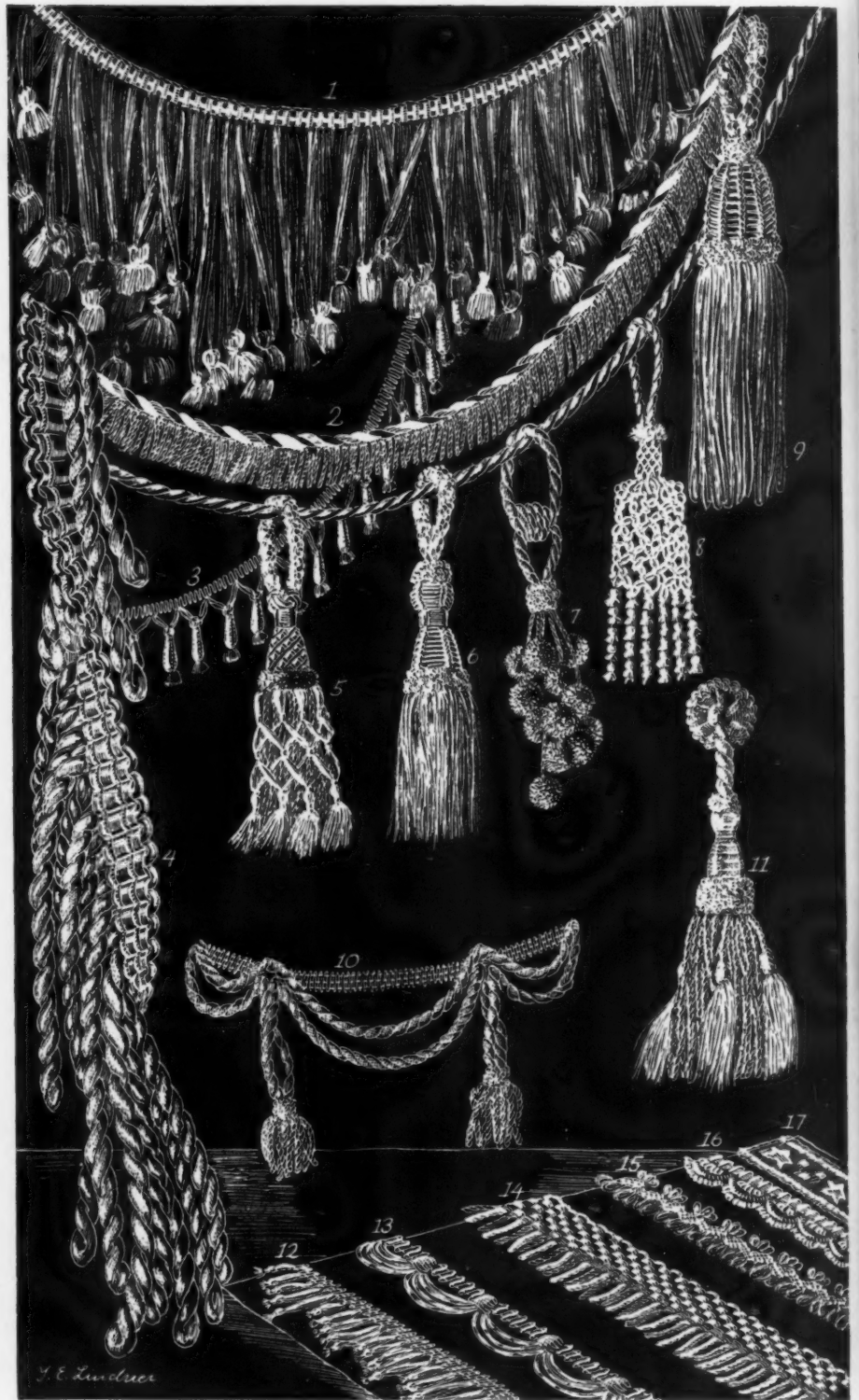
Brighten sofas or draperies by a new fringe. Change the contours of windows by framing them with interesting braid. Make a simple mirror take on importance with a fringed and tasseled lambrequin. Edge dressing tables and wastepaper baskets with trimming, wide or narrow, to suit your mood. Dress up a simple upholstered side chair with swagged rope and tassels.

On the opposite page you'll find ample precedent for exciting use of trimmings. Back in Babylonian days, deep fringes and elaborate tassels gave an air of luxury to straight, uncomfortable benches and chairs. The rich decoration of 17th and 18th Century homes was enhanced by such handsome trimmings as the deep red silk 17th Century Spanish fringe or the French and Italian 18th Century tassels in the color photograph.

On this page, a wealth of contemporary trimmings. 1. Multi-tasseled fringe. 2. Rope-headed fringe. 3. Covered wood pendants. 4. Bullion fringe. 5. Trellis-mantled tassel. 6. Fringed-neck tassel. 7. Pompon clusters. 8. Flat, lacy tassel. 9. Wide, flat-headed tassel. 10. Swagged valance. 11. Bullion tassel. 12. Zigzag fringe. 13. Swagged design. 14. Fringe that doubles as binding. 15. Textured loop fringe. 16. Scalloped, uncut fringe. 1, 8, 11, 16, Scalmandré. 2, 3, 13, 14, Mansure. 4, 7, 10, 15, Consolidated. 5, 6, 9, 12, Louis C. Geils. 17, Johnson & Faulkner. For additional trimmings see pages 56, 57.

Sketches around the margin →

The illustrations which border these pages trace the story of fringes, tassels and galloons for forty centuries. You'll find ideas here for your own decoration. For details of Cooper Union Museum documentary trimmings, in photograph, see page 60.



to wartime decoration



20TH-8TH CENTURY B.C. BABYLONIAN, ASSYRIAN



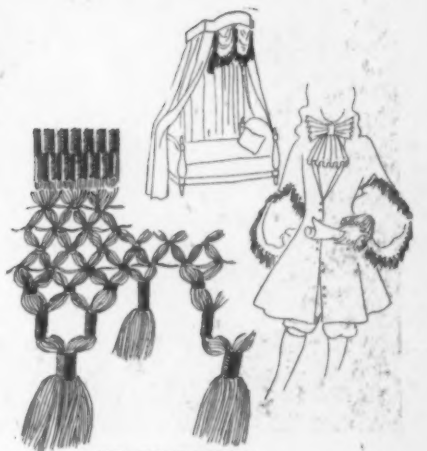
6TH CENTURY B.C. GREEK



11TH-14TH CENTURY A.D. PERUVIAN



16TH CENTURY A.D. ENGLISH, ITALIAN



17TH CENTURY A.D. FRENCH, ITALIAN



PHOTOGRAPHED AT COOPER UNION MUSEUM



18TH CENTURY A.D. FRENCH, ITALIAN



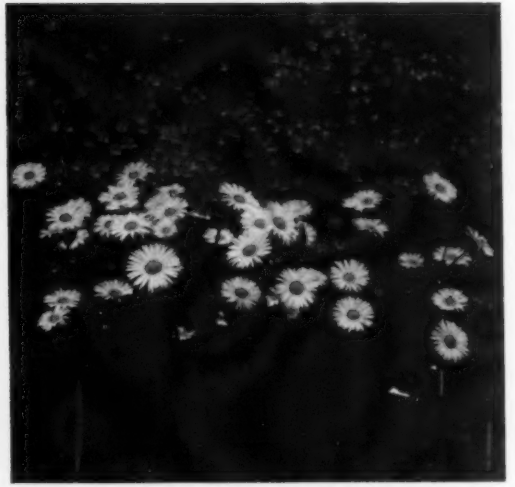
18TH CENTURY A.D. ENGLISH, FRENCH



ROSE PINOCCHIO



COSMOS SENSATION DAZZLER



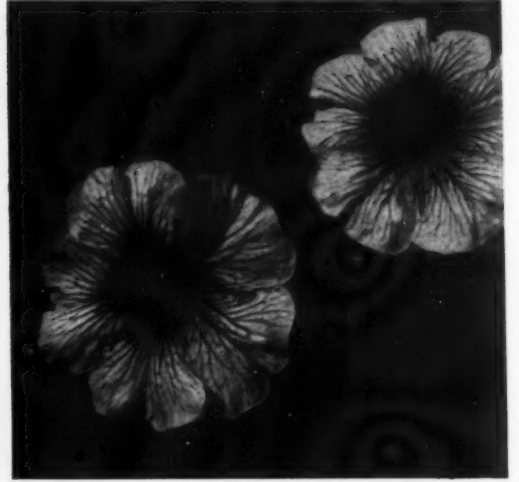
DORONICUM MME. MASON



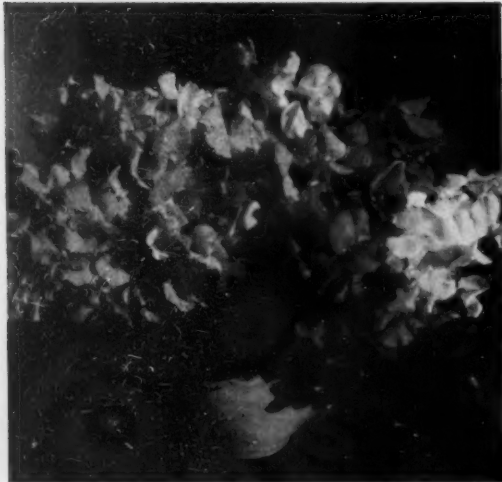
COSMOS WHITE CLOUD AND PINK LADY



HYBRID TIGRIDIAS



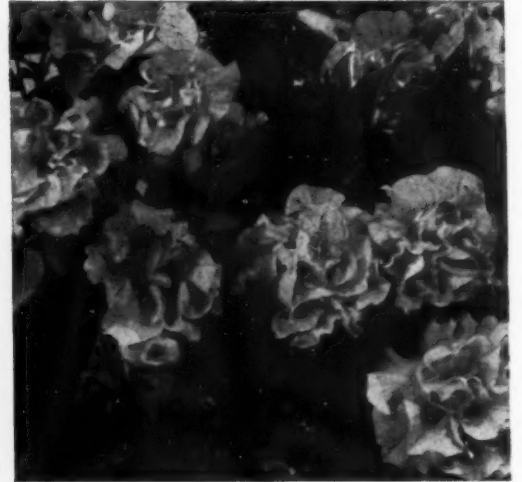
PETUNIA ELEANOR



SPRING FLOWERING SWEETPEAS



PHLOX PINKETTE



PETUNIA AMERICA ALDOUBLE



ZINNIA MELODY



MARIGOLD MAYLING



ASTER NAVY BLUE

Twelve novelties to brighten 1943 gardens

SECOND CALL TO GARDENERS

**Necessities even more pressing
than last Spring's
urge an increase of food production
in this year's Victory Gardens**

LAST year, when the first shadow of war fell across our nation, the Government asked all those citizens who were equipped with the proper land and were capable of doing so to raise more of their own vegetables and fruits.

The immediate necessity for this call was the mounting need to supply food for both our own armed forces and those of our allies and to save transportation heretofore used in the nation-wide distribution of food stuffs that made the people of the United States seem the best fed nation in the world. Yet not all enjoyed these advantages. Equally necessary was it to maintain complete national health, to see that all benefited by the daily consumption of the proper fruits and vegetables, farmers and the children in their school luncheons, as well as the average families of the land.

AT the same time, the Government recognized that the spirit as well as the body must be kept in health. It warned against destroying the serene beauty of lawns and colorful flower borders, as was done in World War I in a misguided effort to grow potatoes and other vegetable crops.

The nation equipped to face the rigors and restrictions of devastating war must be both well-fed in body and well-sustained in spirit. Such national health and national morale begin in the home. To these homes the Government turned last year with commendable success and to these homes it turns again in this Second Call to Victory Gardeners.

Those who grew and enjoyed their own vegetables and fruits last Summer and labored through the seasons to preserve

Leaders among this year's new flowers

Of the twelve 1943 novelties shown opposite, rose Pinocchio is an All-American selection. The America Alldouble petunia, held over from last year, now scores highest with a silver medal. Mayling marigold is the most pleasing color in the carnation-flowering type. Tigridias, stemming from Mexico, have been given wider color range by American hybridizers. These novelties and recent introductions were photographed by F. F. Rockwell who describes the new offerings on pages 62 and 66.

*Special Section
250 Practical Tips
for Victory Gardeners—
in the next 23 pages*

the surplus know the sense of security a well-stocked larder gives the home. Serried ranks of jars—green and yellow and red—in hundreds of thousands of pantries are the answer to the nation's call. They represent incalculable hours of work, of hard work on the land, of precise and watchful work in the kitchen. Come what may, these families will sustain the home front without fear of a food shortage.

Since that first Call to Victory Gardeners, the shadow of war has reached into every home in America. None has been spared. The necessities that prompted the first call have become even more acute. Our growing armed forces and factories have drained the man power of farms, dairies and orchards. Extra help that some could hire last year for home vegetable gardens is fast disappearing. We are faced with the problem of doing more ourselves. We will have to adjust our living to meet increased rationing and re-allocate strength and time to supply the needs of our families.

It may also be advisable to forego some of the amenities of the vegetable garden in order that a proper nutritive diet be maintained. Canteloupes and watermelons, for instance, occupy more space in the garden than their limited contributions to diet warrant. We need to grow more green and yellow vegetables.

FROM the experiences of last year, let us carefully calculate what vegetables and fruits our families require both for day-to-day use and for canning, and what our land is capable of supplying.

Let us concentrate our food production on those vegetables which supply the highest vitamin content.

Let us correct mistakes and prevent waste of seed, fertilizers, produce, time and effort.

Let us use every possible method to maintain the health of the land on which our own health depends.

Let us keep every piece of equipment, every rake and hoe and spade, in the best working condition.

Let us give our home crops the advantage of an early start and unchecked growing conditions, thereby enabling them better to meet pests and diseases.

Let us, to the best of our capacity, keep all parts of the garden in good order—lawns, shrubs, trees, flowers.

Let us help our neighbors when they are shorthanded and teach those who are just beginning to garden.

Let us be thankful for sun and rain and wind alike, for healthy appetites and tired muscles and sound sleep.

Doing these, under God, we can not fail.

RICHARDSON WRIGHT

VEGETABLES

Practical pointers that will help simplify their culture

Planting large seeds in drills



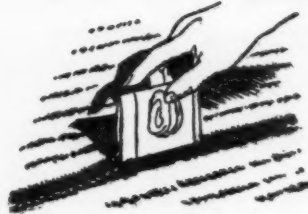
Beans and peas and other large seeds are best dropped into the furrow one at a time. This saves seeds and thinning later on. A furrow the proper depth for these seeds can be made by pulling one end of the hoe through the ground.

Manure will enrich the soil



Well-rotted manure is an absolute requisite for good growth of vegetables. This is especially true this year when a shortage of commercial plant foods exists. Be sure to get it well underneath when spading. Trenching is best way.

Plant small seeds from packet



Lettuce, carrots and other like seeds which need only a light covering of soil are best planted from the packet. Tear off a corner of one end of the packet, hold it over the furrow and tap it lightly to distribute seeds.

Best to spade the soil deeply



Always sink the digging fork or spade used straight into the ground and to its full depth. The deeper you cultivate the soil the better it will be. Vegetable gardens should be dug in the Fall and stand unworked all Winter.

Plant onion sets for best growth



For the home vegetable garden onion sets will be much easier to grow than onions from seeds. The tiny onions known as sets are planted about an inch deep. If you plan to use green onions plant 1" apart. Thin as used to 4".

Rake over the soil till fine



Soil in which vegetable seeds are to be planted should be raked until it is fine and well pulverized. Remove all clods and small stones which are sure to interfere with the proper growth of the seeds and development of the crop.

Pack down seeds after planting



After each row of seeds has been planted and covered the required depth the furrow should be firmed. The flat side of the hoe will accomplish this task with the greatest ease. This packing excludes all air pockets.

Space rows equal distance apart



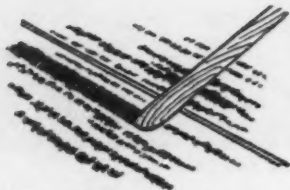
So that your garden appears neat and workmanlike mark off rows with care. Take into consideration proper distance one vegetable should be from next row. Allow space for work. More needed when wheel cultivator is used.

Lime is needed for brassicas



Cabbage, brussels sprouts, broccoli and cauliflower fall in this family and as a group are great lovers of lime. For best results the ground in which they are planted should be covered with lime. Spread about plants and work in.

How to make shallow furrows



Furrows for small seeds that only require a light covering of soil are easily made with the hoe handle. Be sure to string a guide line so that your rows will be good and straight. Straight rows are one sign of a good gardener.

Succession planting is important



Every inch of space in the vegetable garden should be kept working. As soon as one planting is coming along put in another row to be ready when the first is finished. Figure the maturing time of each to judge planting time.

Plant celery in a deep trench



The ground should be well prepared for celery. Dig a trench 2' deep, put plenty of manure at bottom. Fill within 12" of top with good loam. Put in plants so they are 12" below ground surface. When ready for bleaching fill in.

Best way to tie pole beans



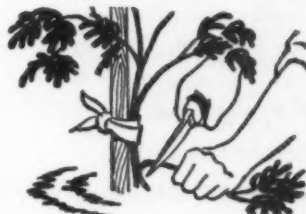
Pole beans climb naturally from left to right and in tying them to their poles this should be remembered. If forced to climb the other way they are apt to slip down the pole under the weight of their fruit or when exposed to wind.

Remove weeds while small



The best way to keep out weeds is not to let them get started. It's easy to remove them with the hoe or scuffle hoe when they are small. If left to grow, however, it will mean a tiresome, backbreaking job of good old hand-weeding.

Remove suckers from tomatoes



Tomatoes should be trimmed as they grow. The best fruit will be found on plants that are free of suckers and all extra growth. It's a good plan to remove all growth to about 12" up the stem. This has to be done as plant grows.

Radishes used to mark rows



Some seeds, carrots in particular, are slow in germinating. So that you will know where they are planted and can go ahead with your weeding while waiting for them to grow up, mix in a few radish seeds. These sprout quickly.

Stake tomatoes for best results



Tomatoes that are allowed to sprawl along the ground will cause no end of trouble. The fruit that touches the ground will rot on one side and they're hard to pick. A 5' stake is adequate. Tie plants with pieces of cloth.

Thin out all plants in the rows



All of your seeds will sprout thicker than you expect them to grow. To insure the best growth they should be thinned as early as possible. Some, like beets, can be left a little thicker to be thinned when tops are of edible size.

Don't pick beans when wet



Bush beans are very subject to rust, which will quickly make the plants useless. One way to guard against this is not to pick them before the sun has had a chance to dry them off, as the rust spores spread rapidly when wet.

Protection against cutworms



Tomatoes and other plants are apt to be attacked by cutworms. These culprits slice off plants at the ground as neatly as a knife. A paper collar about the plant and projecting into the ground at least 1" will protect them.

Plant squash with corn



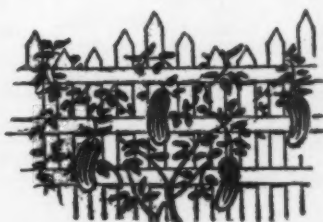
Pumpkins or squash which take up a lot of the ground can be planted between the rows of corn. This way they will not be wandering all over the garden and will use what would be waste space. Plant 6 seeds to hill; thin to 4.

Leaf lettuce can be cut in rows



Leaf lettuce contains more vitamins than heading types as it is not bleached. Sow it in rows and allow it to grow as it comes up. When ready to use, it can be trimmed with the shears; new leaves will sprout for second crop.

Grow cucumbers on the fence



Perhaps you didn't grow cucumbers last year because of space. They can easily be grown on supports requiring a great deal less area. The fence surrounding the garden is an ideal place. Put plenty of manure under soil.

CROP PLANNING

Soil, seed and fertilizers must be calculated now

WITH the experience of last year's Victory Garden fresh in your mind you should start now to plan the whole scheme of vegetable and fruit production and preserving for the seasons that lie ahead. To be successful you should plan with as much painstaking detail as a general plans a military move. You know in what crops you have too much surplus and what ran short. You know the bottle-necks when the produce piled up on you too fast for the kitchen to handle. You know what your family likes. You must plan (1) for day-to-day table use and (2) canning, preserving and storage. But first look at your soil.

Soil. If the vegetable garden is under a cover crop of Winter rye, well and good. Leave it growing there and turn under in early Spring. If it is uncovered, work it as long as the ground is open. Dig in compost, leaves, manure. Let the soil stand in ridges over Winter. The elements will heel it down and snow will enrich it. If you are planning a new patch or need to enlarge the old, turn under the sod now. Exposure to the elements will kill the larvae of many bugs. Remember that your health depends on the health of the land.

Seed ordering. Order seed with these in view: (1) Short crops, i.e., snapbeans, carrots, beets, cabbage, cauliflower, corn, peas, lettuce and radish. (2) Long crops, i.e., broccoli, bush and pole limas, potatoes, turnips and onions. (3) Vine crops, i.e., tomatoes, squash, cucumbers.

The long term crops will be given a place by themselves, interplanted with quick crops such as lettuce and radishes; the short termers should be successively planted in another. Vine crops can be raised vertically (see page 33).

How much seed are you going to need for daily table use, how much to can? This depends on the size of your family.

According to Government estimates, if you hope to make your family completely self-contained you should figure on 125 quarts of all kinds—vegetables and fruits—to each member of the family. A less extensive program, providing for purchases of fruits and vegetables in the market, would figure at 85 quarts per person.

This canning program calls for a double seed order. Thus beets, 3 oz. for table and 3 oz. for canning for a family of 5; broccoli, 1 package; Brussels sprouts, 1 package; bush beans, 1½ lbs. for table and the same for canning; bush limas the same; cabbage, 1 package; carrots, ½ oz. for each purpose; cauliflower, 1 package; corn, 2 lbs. for each; cucumbers, 1 package; lettuce, 4 packages of assorted kinds; onions, 3 packages of seed or 3 qts. of onion sets; parsnips, 2 packages; peas, 3 lbs. for table, 6 lbs. for canning; pole beans, ½ lb. for table, ½ lb. for canning; potatoes, 30 lbs.; radishes, 3 oz.; tomatoes, 1 package for table, 1 for canning; turnips, ½ oz.

Succession plantings will keep a steady flow on the garden's assembly line and should prevent bottle-necks in canning. For the area of New York, beets are planted in the open on May 1 and again July 1; broccoli, May 20 and June 1; bush beans, every two weeks from May 15 to September; cabbage plants, May 1 and June 7; carrots, April 25 and July 1; cauliflower plants, May 1 and June 7; corn, every two weeks from May 15 to July 1; lettuce, every 3 weeks from April 15 to September 1; peas, May 1 and July 15; pole limas, May 20 and July 1; potatoes, April 15 and June 1; radishes, every 2 weeks from April 15 to September; spinach, every two weeks from April 15 to September; turnips, April 15 and July 15.

Fertilizers must be ordered early and for some kinds you will find rationing in effect. Use them sparingly. The wise gardener will prize his compost heap more than ever.

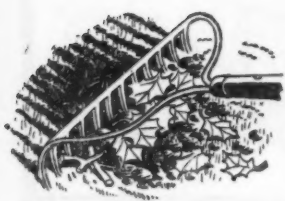
Home Canning Chart of Vegetables and Fruits

The Winter's Supply	Vegetable	Amount	No. Pounds	Qts. When Canned	Canning Time (Minutes)	
					Hot Water	10 Lbs. Pressure
In seven ways vegetables and fruits can be easily preserved for the Winter's supply. (1) Pit storage for the less perishable crops: carrots, turnips, cabbage and beets. (2) Cellar storage for potatoes, carrots, turnips, cabbage, onions, squash and pumpkins. (3) Salting, pickling and krauting. (4) Dehydration. (5) Cold at 35°. (6) Freezing storage. (7) Preserving and jelly-making. From our own editorial experience last year we gather the canning figures of vegetables and fruits in the opposite column.	Asparagus	1 peck	10-12½	3-3½	180	40
	Lima beans	1 peck	7-7½	1½-2	180	55
	String beans	1 peck	7-7½	4-4½	180	40
	Beets	1 peck	12-15	4-5	120	40
	Carrots	1 peck	12-15	4-5	120	35
	Corn (off cob)	1 peck	15-17½	2-3	210	80
	Peas	1 peck	7-7½	1½-2	180	60
	Fruit	Amount	No. Pounds	Qts. When Canned	Canning Time (Minutes)	
					Hot Water	5 Lbs. Pressure
	Tomatoes	1 peck	12½-15	3½-5	45	10
	Applesauce	1 peck	12-13	5-6	15	10
	Berries	6 quarts	9	4	20	8
	Cherries	6 quarts	12	4	20	10
	Peaches	1 peck	12-13	4	20-30	10
	Pears	1 peck	12½	5-6	20-25	10
	Plums	1 peck	16	5-6	20	10

LAWNS

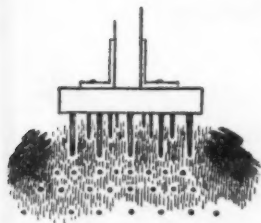
12 steps in making and keeping them growing throughout the Summer

Rake the lawn vigorously in early Spring



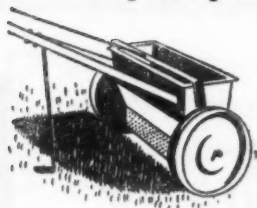
The first step to putting the lawn in shape in early Spring is raking. This should be a thorough job and done as early as possible. Use an iron rake. Tear out all dead grass that is matted about the roots and scratch the surface soil to give grass new vigor.

Spike entire lawn to aerate the soil



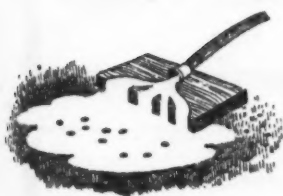
After the lawn has been cleaned go over it with a spiker and punch it full of holes. This admits air to roots and allows plant food to wash beneath soil. A spiker can be made by driving 6" spikes spaced 2" apart through a board 12" square and attaching handle.

Spread plant food evenly over entire area



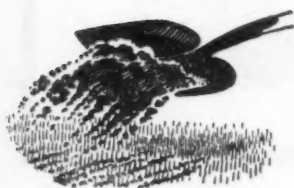
A fertilizer spreader is the thing for this job for it allows just the right amount to cover the lawn. For food use dried blood or dried pulverized manure. Bonemeal is good too but is slow in taking effect. Use a little of the chemical food you are saving.

Wash plant food into soil by watering



After covering the lawn with food, water it well. This will wash the fertilizer into the holes made by the spiking. Under the soil is where it does most good as it forces the grass roots to go down deep in the soil which preserves the lawn during hot weather.

Cover lightly with good topsoil or compost



Topsoil is the next step. Spread it lightly over the entire lawn. Try to have this soil as free of weed seeds as possible. After covering the whole area work it in about the roots. The back of an iron rake is good for this. Don't cover the grass too deeply.

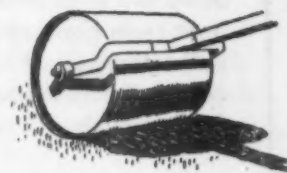
Always sow grass seed on a windless day



Sow grass seed over the topsoil. Pick a windless day so seed won't be blown away and the coverage will be even. Don't try to save money by buying inexpensive seed. A good lawn depends to a great degree on type of grass which means kind of seed you plant.

Roll the lawn after sowing the seed

Contrary to opinion, the best time to roll the lawn is not after a rain. True, the soil should be damp but never wet. Allow it to dry out partially after a rain and then roll. If rolled when the soil is wet it will pack the soil, making it caked and airless.



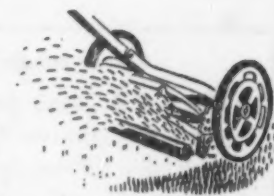
When watering be sure to soak the soil

It is much better not to water grass if you can't take the time or the water to soak it thoroughly. Water must soak through matted grass roots into the soil. Light watering only moistens top and causes roots to stay at surface where sun soon dries them out.



Mow the lawn correctly for healthy grass

A great deal depends on the way a lawn is mown. A new lawn should be cut first time when grass is about 4" high. Set lawn mower so just tops are cut. After this lawn mower can be set to cut shorter. When hot weather comes raise cut to prevent grass being burned out.



Cut out all weeds as they first appear

In a new lawn take out weeds as soon as grass has grown enough to be walked on without harm. If kept free of weeds it will soon form a dense mass which will choke out future weeds. Crab grass, dandelion should be removed from established lawns as soon as noticed.



How to repair bare spots in the lawn

After the seed has come up if there are spots where the grass didn't grow you will want to reseed them. Don't just put the seed on the ground and expect it to grow. Hoe the soil and work it fine and then sow the seed. Use same treatment for patches in old lawn.



Spreading manure over lawn in the Fall

Straw barnyard manure should not be used on the lawn. It contains millions of weed seeds which quickly take root in the Spring. After weather is cold, chicken manure spread over grass is excellent. Bonemeal is also good and will be ready to use by plants next Spring.



ANNUALS

How to care for flowers that bloom all Summer

Break root cluster on potted plants

Annuals that have been grown in pots always have roots confined to a small area. To prevent roots growing in a ball rather than spreading, always pinch off bottom root cluster before planting.



Remove at once all diseased plants

Disease spreads rapidly. The best treatment is to pull up and burn any plants that show sign of disease. Mildew, shown by whitish cast, and rust, shown by brown spots on leaf, are common diseases.



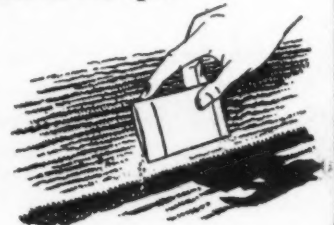
Use water when setting out plants

When seedling plants are set in garden the hole should be filled with water as each plant is put in place. This gives a supply of water and encourages roots to take hold and quickly form new feeder roots.



Sow seeds of annuals in the open

Many annuals will come along just as fast when sown outdoors as when started inside. Prepare soil and keep it well watered. Of course, don't sow outdoors until it is warm and danger of frost is past.



Cover newly planted plants from sun

Plants that have just been planted in the garden need protection till they take hold. Flowerpots or strawberry boxes placed over them in morning and removed at night for 3 days are effective.



Starting in flats requires care

Seedlings are easily raised in flats if care is taken. Soil should be equal parts sand, soil and peat moss. Transplant the young plants as soon as they form their first true leaves to prevent spindling.



Pinch back to encourage bushy plants

To obtain a maximum amount of bloom pinch out the top of annual plants. This causes side shoots which should also be pinched off when 4" long. The result will be a bushy plant covered with flowers.



Cultivation is an important step

Regular working of the soil is necessary. Plants require air in the soil. Cultivation is also a sure way to keep weeds from growing. Weeds grow rapidly and take valuable food as they crowd out plants.



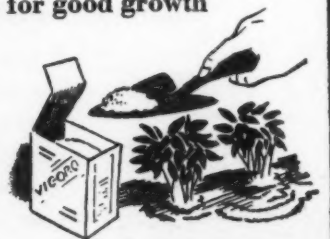
Remove dead flowers for steady bloom

The purpose of any plant is to produce seed. Thwarting this aim forces plants to continue blooming. Annuals in particular should not be allowed to seed. Remove dead flowers as a regular chore.



Plant food is valuable for good growth

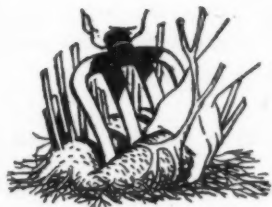
Feeding plant foods will hurry along plants, increase size of flowers and intensify their color. This year you'll have to rely on manures and the compost you make due to shortage of chemical foods.



PERENNIALS

These flowers will bloom for years given proper care

Divide overgrown perennial clumps



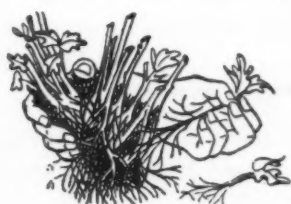
When perennial clumps become overgrown the flowers are fewer and smaller. To remedy this lift the entire clump. Cut it in sections and replant them. Keep out of soil as short time as possible.

The correct way to plant iris rhizomes



Iris rhizomes should be planted so that the top part is exposed. Work the soil to 12", then press rhizomes into soil about 1/2". Deeper planting is apt to cause Iris rot which quickly kills the plants.

Separate chrysanthemums each Spring



For best flowers chrysanthemums need to be torn apart each year. Lift entire plant and tear off each shoot for a new plant. The center part should be discarded or seclued in the cutting garden.

Clean up and work border in Spring



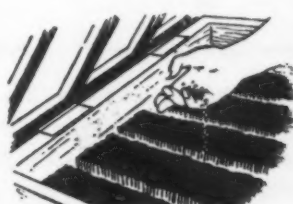
As soon as Winter coverings have been removed put the soil in condition. Cultivate it thoroughly, being careful of the new shoots. At the time work in manure and compost to supply valuable plant food.

Cut down delphiniums for second bloom



Many perennials, delphiniums in particular, will bloom again if cut to the ground after their first bloom. Work the soil about them and give them a feeding of well rotted manure or rich garden compost.

Start perennials from seed in June



Early Summer is the time to start perennial seeds. Sow them either in open ground or the coldframe. Continue to grow them in this spot, protecting through Winter until planted out the next Spring.

Thin growth on perennials in Spring



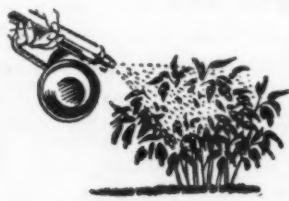
Better flowers result if only part of the stems that sprout in the Spring are allowed to mature. When the shoots are about 5" high thin them out so that only the strongest are left to mature and bloom.

Push back plants heaved out by frost



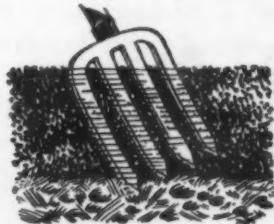
In early Spring check closely to find roots that have been pushed out of the soil by Winter freezings. Loosen the soil about them and press them back into the soil. Work fresh soil about them.

Spray peonies regularly for disease



Peonies are subject to Boytritis blight which, when once started, spreads rapidly and is almost impossible to cure. To prevent, spray plants as they break through ground and at intervals with Bordeaux.

Soil is the foundation of the border



Great care should be taken in preparing soil for perennials. They are going to live in this spot for many years. Dig out soil to 2', work under soil, put in 6" of rotted manure and then replace good soil.

SHRUBS

Practical cultural tips on the care and increasing of shrubs

New shrubs can be started from cuttings



Increasing shrubs is easily done by rooting cuttings. These cuttings are made in the Fall from wood that grew that season. Tie this wood in bundles and pack it in damp sand and keep in a dark cellar till Spring. Then cut into 6" lengths, dip in hormone powder to hasten rooting and start in damp sand.

Layering is another way of increasing shrubs



Some shrubs will quickly root and form a new bush through layering. In the Spring select a healthy branch of last season's wood. Bend it to the ground and secure it to the soil; then cover with earth. By Fall it will be rooted and can then be cut away and replanted. Care for as any other new plant.

Proper pruning is essential for good shrubs



Healthy shrubs are those that are carefully pruned to encourage strong new growth. The main canes on flowering bushes should be thinned out. This encourages the growth of new shoots directly from the roots, which is the proper aim for keeping all shrubs in good healthy condition.

Always remove all Winter killed ends



In the Spring as soon as shrubs start budding out go over them and cut out wood that shows no signs of life. If there is any doubt as to whether the branch is alive or not, wait until the leaves come out. Removing this dead wood is more easily done at this time. Cut out any branches showing wilt.

Give evergreens plenty of water after moving



August is the best time to transplant evergreens. To carry them through Winter they must be supplied with water. Each little leaf or needle is a storehouse for water, for evergreens are not dormant over Winter like other shrubs and require water all through the period when the ground is frozen.

Always trim off suckers at their source



Suckers are the growth that grows up about the base of shrubs. Unless they are removed they will take strength from the plant. Don't just cut off but dig away the soil exposing the root from which they grow, then gouge them out with a sharp knife. This way they won't just grow up again.

Spray whenever insect or disease threaten



If leaves on shrubs show that they are being eaten use stomach poison. If they are troubled with lice or insects which live on juices they suck from leaves and stems use a suffocating spray. Scale and other fungus diseases are controlled by miscible oil sprays. Don't apply spray until shrub is dormant.

Cultivate freely about the plant roots



Soil about the base of shrubbery material should be worked frequently during Summer months. This aerates soil and keeps it in a healthy growing state. It also keeps down weeds. Don't cultivate after middle of August as it makes new growth which doesn't have a chance to harden before Winter.

Place manure at base of shrubs in the Fall



After a killing frost which has stopped the growing period, mulch the roots of all shrubs with manure. This is allowed to stay at the roots all Winter. It affords some Winter protection and in the Spring should be dug in about the roots to enrich the soil. Don't dig deep enough to disturb roots.

Prepare spot for new shrubs with care



To assure successful growth great care should be shown when setting out new plants. The hole should be large enough to accommodate the roots without crowding. Save topsoil and remove subsoil. Put leafmold in bottom and fill about the roots with the topsoil and good loam and leafmold mixed together.

Use plenty of water when transplanting

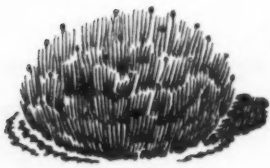


After the shrub is in place in the hole place the hose in the hole and allow it to run slowly. Fill in the soil about the roots while the water is still running. This packs down the soil about the roots and at the same time thoroughly saturates both soil and roots which encourages growth of new roots.

FOUNDATION PLANTING

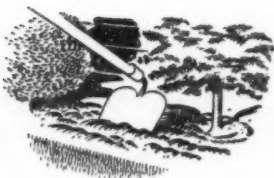
Avoid common errors, make your planting distinctive

Slow-growing evergreens for foundation plantings



Evergreens are the most often used plants for foundation work. But how often you see them too tall and overgrown. If you take care and select only slow growing varieties or ones which prune to any desired size you won't run into this trouble. Mugho pine shown here is a very slow grower.

Keep the soil about foundation planting neat



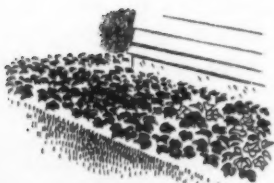
To set off the plantings about a house properly they should be kept neat and orderly. This means keeping soil cultivated and, of course, no weeds. Don't work the soil after middle of August as it forces growth which won't harden before Winter. Don't hoe too deeply around rhododendrons.

Plant bulbs with shrubbery for early color



A few clumps of daffodils, specie tulips and other low-growing bulbs are excellent in foundation plantings. Naturalize them in groups through the shrubs. Avoid straight rows and formal plantings unless the foundation planting itself is formal. These bulbs should be planted in the Fall.

Make foundation planting simple as possible



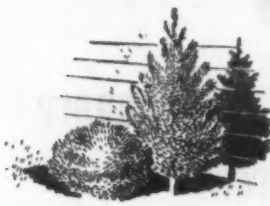
Too many houses are ruined by the planting that is put in front of them. Whatever plants are used should tie in and add to the architecture of the house rather than detract from it. Tendency is to overplant. Often a simple border of hardy ivy is ample to tie the house to its surroundings.

Wash evergreens with water to dispel red spider



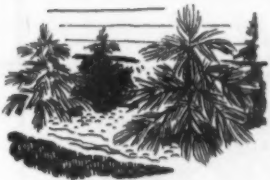
Evergreens, generally speaking, are not much trouble as far as insect and disease troubles are concerned. They are, however, subject to attacks from red spider. These are easily gotten rid of by washing plants regularly with a strong spray of water. Be sure to wash inside and under branches.

Shaped plants make the planting appear unnatural



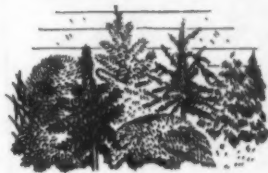
Globular and pyramidal evergreens should never make up an entire foundation planting nor should any material used, deciduous or evergreen, be trimmed into these shapes. The result is always forced and unnatural and adds nothing to the house. Strive to create a casual, informal planting.

Inexpensive small evergreens are fast growers



Rapid-growing trees are usually inexpensive as they are easier to grow to a salable size. The dwarf, slower-growing types cost a little more because it takes longer to raise them. In the end you benefit by buying the latter, for they will not grow up and have to be quickly replaced.

Don't overplant because the shrubs are small



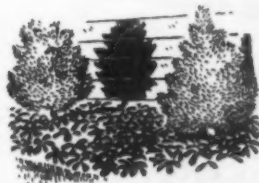
If the plants you are putting in are young, don't strive for an immediate effect. Rather take into consideration space each will need to grow. Overcrowding spoils shape and makes it impossible to remedy error later on. A few plants look better than a solid mass all grown together.

Mulch foundation planting with manure in the Fall



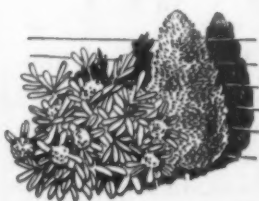
Too often we think of the bushes in front of our house as permanent and don't give them the care shown other things in the garden. They require just as good soil, in many cases better. To keep in growing condition, mulch heavily with manure in Fall and work into soil next Spring.

Ground covers improve appearance, lessen work



Pachysandra, myrtle or hardy ivy are good to use at base of foundation plantings as a ground cover. If these are used you won't worry about pulling as many weeds and it won't be necessary to cultivate as frequently. They add a finished appearance to the border, stay green through Winter.

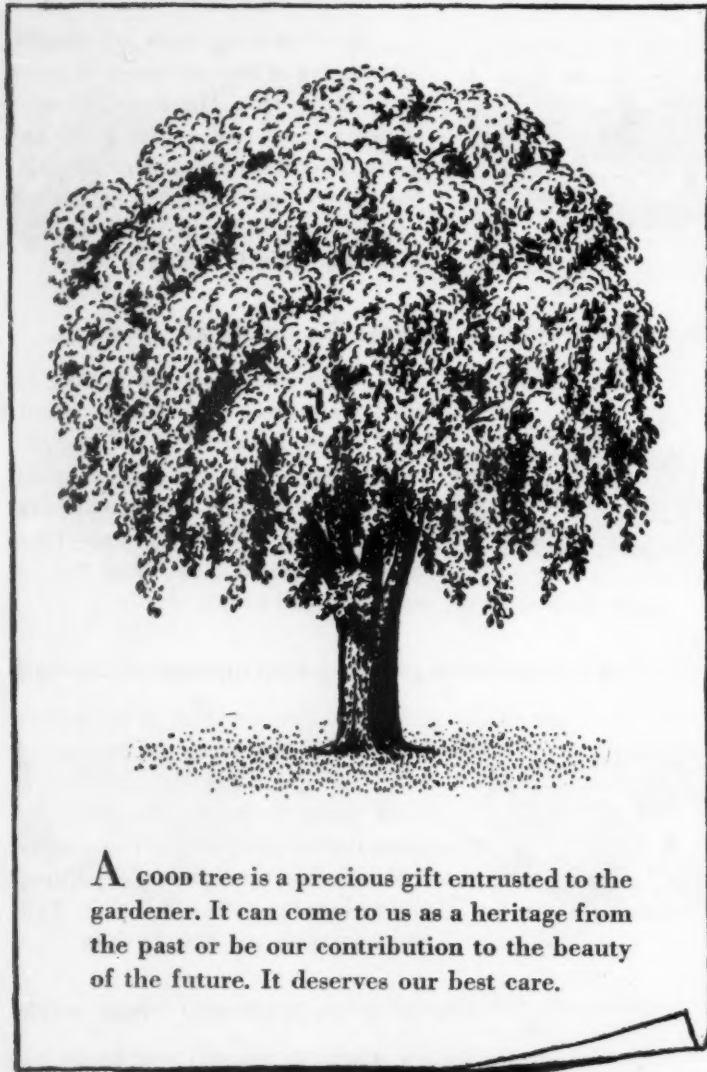
Select flowering shrubs for continuous bloom



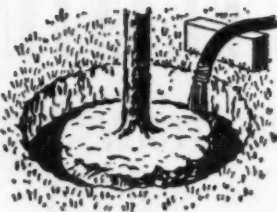
Don't make plantings of all azaleas or all rhododendrons which, after they flower, are just green the rest of the year. Select material so that a different bush will bloom each month through the Summer. This means using some deciduous plants but don't be afraid to mix them with evergreens.

TREES

Essential points in the maintenance and care of trees

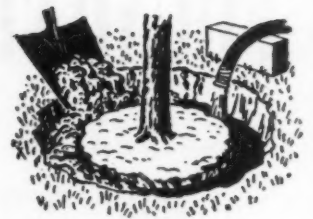


A good tree is a precious gift entrusted to the gardener. It can come to us as a heritage from the past or be our contribution to the beauty of the future. It deserves our best care.



Planting the tree

Make hole large enough to hold roots without crowding. There should also be plenty of loose soil about root ball to encourage growth of roots. Fill hole with water after placing tree.



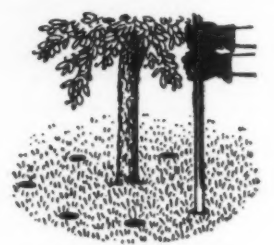
Fill with good soil

Too often trees are planted without thought as to soil in which they are to grow. Remove all soil when making hole and place about roots a mixture of manure, leafmold and loam.



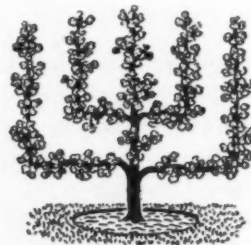
Removing large limbs

Large limbs that have become broken are removed in sections. First cut on underside of limb about 6" from trunk, then 1/2" nearer trunk cut through from top. Remove remainder at trunk.



Fertilize trees

Food for trees should be put at least 12" below the surface. Make holes about tree extending out as far as farthest branch. Put food or pulverized manure into holes.



Espalier trees

Espaliered fruit trees are trained to fit into a small place. They are good for planting next to a wall, against a fence or building or they can be used as a border in vegetable garden.



Trees attract birds

Trees afford birds natural nesting spots and protection. Trees which have berries will supply food. This year with the shortages of insecticides every gardener should attract birds.



Spraying trees

Trees are subject to attacks by insects and should be sprayed regularly. The smaller trees you will be able to spray yourself but larger ones will require the services of a tree man.



Repairing cavities

Small cavities in trees are easily repaired. Chisel out all decayed wood. Remove all signs of decay. Then fill cavity with special material. For extensive work call your tree service man.



Remove broken branches

After wind or sleet storms, go over trees and cut out branches that are broken. If this is neglected the branches are apt to tear loose and strip bark from trunk. Decay is also apt to start.



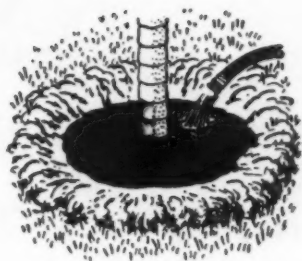
Band against insects

A protective band made of sticky substance placed about the tree in early Spring is good. This prevents insects in tree from coming down, those on ground going up to lay eggs.



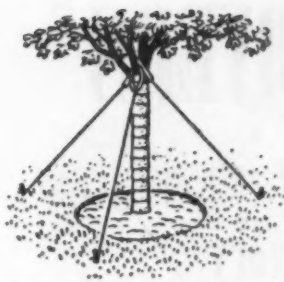
Wrap the trunk

After a new tree has been planted, wrap the trunk with strips of burlap. This holds in moisture and prevents the trunk from being dried out by the sun before new roots grow.



Give lots of water

Newly set out trees will need a great deal of water. Make a basin about the tree and fill it each day. In moving, many of the feeder roots are lost and water makes up for loss.



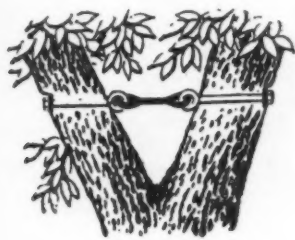
Support against wind

Trees of any size should be supported with wires until they have taken a good hold in the new spot. Fasten wires to trunk just above lower branches. Protect the trunk with burlap.



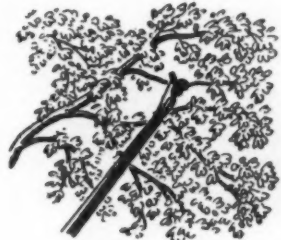
Watch for borers

Borers will quickly kill trees, especially the smaller flowering or fruit trees. You can tell their presence by small holes in trunk. Remove them with a pliable wire with hook on end.



Bracing limbs

Trees with structurally weak branches such as a V crotch will need bracing against wind and ice storms. Drill clear through limbs and install a screw rod above danger point.



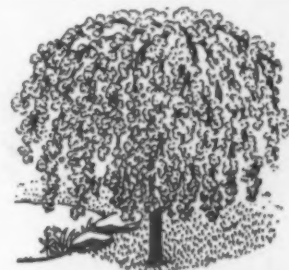
Regular pruning

Corrective pruning is most important. Cut out weak branches to produce a dense, well proportioned head. Always prune according to growth habit. Professional pruning is advised.



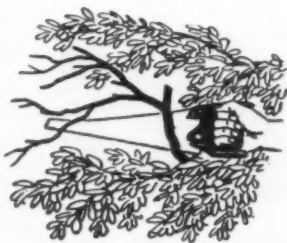
Use fruit trees

Many of the spots where trees are used would just as easily accommodate fruit trees. Their blossoms are beautiful in the Spring and there's fruit to harvest in the Fall.



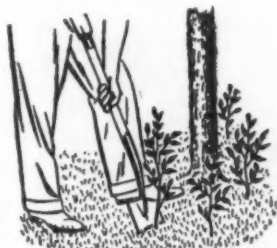
Flowering trees

Weeping cherries, crabapples or the many small growing flowering trees are a welcome addition to any garden. They can be planted formally or naturalized.



Cut dead wood

Dead wood should be cut from trees as soon as it is noticed. Always burn this wood as it is apt to be diseased. Dead wood if left is apt to spread disease or start rot which damages tree.



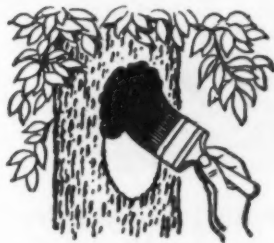
Remove suckers

Flowering trees are often grafted on different understock which is apt to start growing and cause suckers. These should be cut out promptly as they take strength from tree.



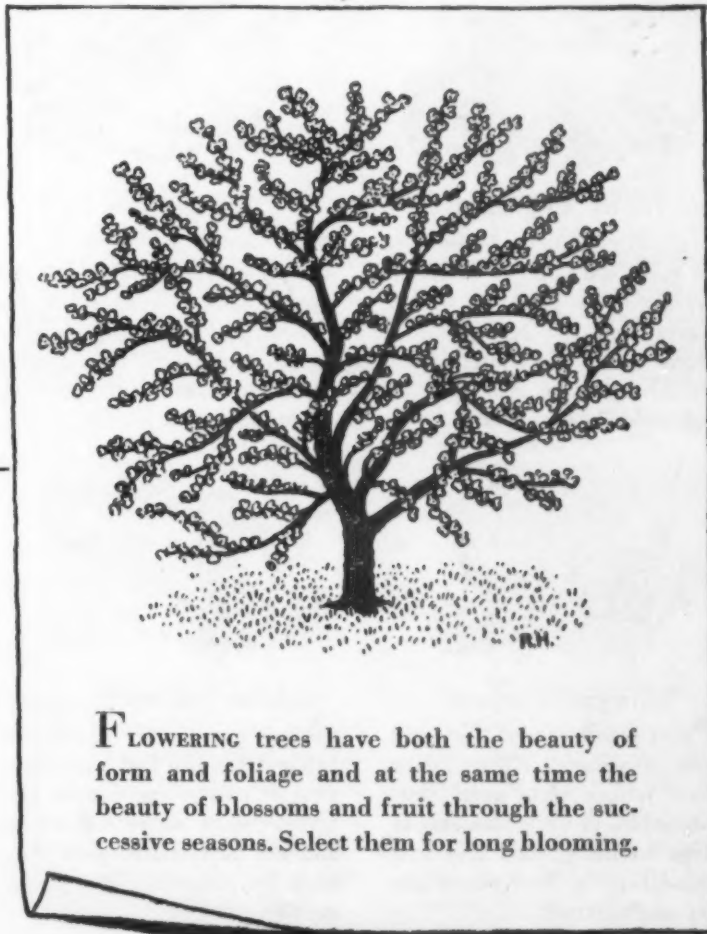
Prune after flowering

When the blossoms have withered, thin out the tree to admit light to the inner branches. Don't remove the dead flowering heads for these bear fruit which make the trees colorful.



Paint all cuts

Whenever a limb is removed or the trunk of a tree becomes damaged, paint the wound with a special tree paint. This seals the wound and prevents rot from starting.



FLOWERING trees have both the beauty of form and foliage and at the same time the beauty of blossoms and fruit through the successive seasons. Select them for long blooming.

GROUND COVERS

Plants to use in spots where grass isn't satisfactory

SPACE under trees where grass refuses to grow can be made attractive with ground covers. Steep banks covered with honeysuckle eliminate difficult mowing. Try sedums on rocky areas with poor soil. Each plant here will solve some such problem.



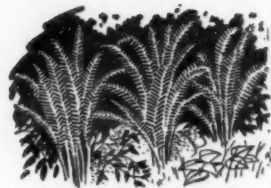
Grow lily-of-the-valley

In a partially shaded spot these attractive flowers will quickly cover the ground. The blossoms are excellent in early Spring and the foliage is good throughout the Summer. Feed with rotted manure each Fall.



Divide lily-of-the-valley

The roots of these plants spread rapidly and should be divided when they appear crowded or the flowers will become small. Lift clumps and divide so each plant is separate. Replant 3" apart. Best time is in early Fall.



Hardy wood ferns

Ferns will provide an excellent ground cover in areas where even the densest shade exists. They prefer a soil rich in humus. All are hardy and there are varieties that will flourish in damp soil. Require little care once started.



Masses of violets

Violets thrive in any good soil. In a short time a few plants will densely cover a large area. They will grow in full or partial shade. In the Spring there is brilliant color. Foliage remains green and attractive all Summer.



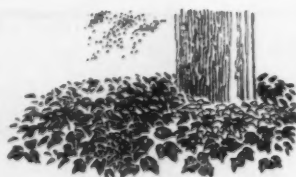
Use trailing roses

One possibility we are apt to overlook is using roses to cover a bank. We think of them always as climbing on supports and may overlook their other uses. They will grow just as well when allowed to trail on the ground.



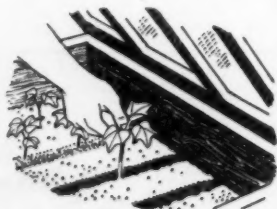
Trailing woodbine

This vine grows rapidly and makes a perfect ground cover. It is not at all particular as to soil. The leaves are five-lobed and of good color. In Fall foliage turns brilliant red. Leaves remain on plant quite late in the season.



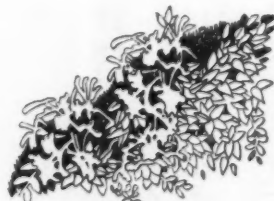
Hardy English ivy

In a spot close to the house often an evergreen cover is desirable. Ivy makes an ideal one, for its leaves hold the same lustrous green color all Winter. Good about base of tree, as it likes partial shade. Not particular as to soil.



To increase ivy

New plants are easily started. Many gardeners just cut off stems and stick them in the ground and they grow. More assured results come from dipping stems in rootone and starting plants in sand in frames.



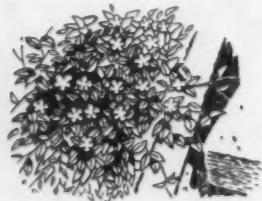
Fragrant honeysuckle

Here is an ideal cover for a bank or any spot where soil is not too good. The blossoms are extremely fragrant, appear thickly in early Summer and scattered throughout the season. Takes a little while to start.



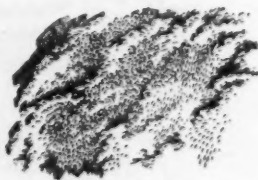
Primrose for damp spots

Beside a small stream or in any damp, partially-shaded spots primroses will flourish. The seeds should be started and the plants raised in the cold frame and set into permanent spot in early Spring. Very colorful flowers.



Evergreen myrtle

A perky little plant that will grow anywhere. Glossy dark green foliage with small star-shaped blue or white blossoms. It clings to the ground and will spread rapidly. New plants are very easily started.



Sedums for rocky spots

Sedums grow only a few inches tall and you can find a great variety of foliage and flowers. For a rocky slope where soil is thin and not particularly good they can't be surpassed. The plants are fast growers.



Increasing pachysandra

This is the most often seen of all ground covers. It is evergreen and a very fast grower. New plants are made from underground runners which are easily cut and the plant lifted with a trowel for replanting.



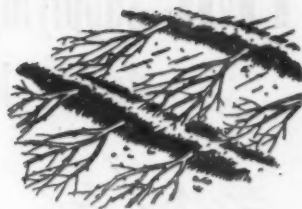
Evergreen euonymus

There are many species of this plant and the ones that make good ground covers are either the creeping or climbing types. The foliage is a beautiful glossy dark green. Growth is compact and good for bare spots.

ROSES

A rewarding choice for the gardener who follows these rules

Roses are not difficult to grow. They do, however, have special requirements and require regular care. Once these conditions are met, you'll find they'll flourish. One other caution: be sure plants you buy are the best. Poor stock doesn't pay.



Hill in new plants

Rose bushes that can't be put into the ground when they arrive should be hilled in. Lay the plants on the ground and cover the roots with soil. The tops should be covered with damp burlap or leaves.



Dip roots in water

Always dip rose bush roots in a bucket of muddy water. This is a caution against the roots drying out before they are covered with soil. Soaking the roots also hurries the growing of new feeder roots, vital to the plant.



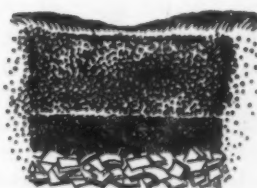
Prune back tops

Rose bushes should be pruned back to about 5" or 6" above ground level when they are planted. This forces the bush to make strong new growth on which flower buds will be more numerous during the Summer.



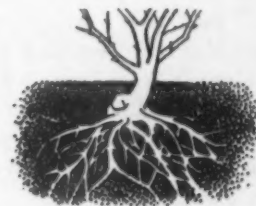
Trim off roots

All heavy roots should be cut back to encourage the growth of small feeder roots. All broken roots should be removed just above the break. Dust roots thoroughly with hormone powder to quicken their growth.



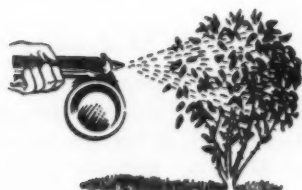
Prepare soil well

Roses are heavy feeders and the soil should be well enriched. Make hole 18" deep. Bottom 6" should be filled with 25% peat and 25% rotted cow manure and the remainder loam. Fill remainder with 1/2 loam and 1/2 peat.



Graft 1" below surface

The graft bud should be just below the surface. 1" of soil over graft is ideal. Correct planting lessens trouble from sucker growth and Winter kill. Be careful not to uncover graft when cultivating the plant.



Spray regularly

Spraying and dusting should be done thoroughly, covering both the top and the under part of the leaves. It should be done regularly to prove most effective. Most rose gardeners spray their plants about once a week.



Cultivate often

Roses prefer a loose, airy soil which means regular cultivation. Be careful not to go deep enough to disturb the roots. Cultivating after a rain will set up a natural mulch to hold moisture in the soil which is highly desirable.



Mulch the bed

A mulch of peat or grass clippings is important to hold moisture in the ground during hot, dry months. Apply mulch about 3" deep over the entire bed. Mulching cuts down the amount of cultivation required.



How to water

Roses should never be watered from above as damp leaves will tend to spread blackspot. Remove the nozzle from the hose and allow it to soak the soil at their roots or use a special canvas soil soaker.



Feeding the plants

Roses should be fed in early Spring and about once every six weeks until August 1. Later feeding makes soft growth which Winter kills. Use well-rotted cow manure worked just under soil or manure water.



Cut off dead flowers

Removing faded blossoms is important if your roses are to keep blooming all Summer. Cut off withered flower heads down to first set of leaves. Flowers for the house should be cut while the buds are small.



Hill for Winter

After the ground freezes, pull the soil up around the plants so that it is 10" or 12" above soil level. The tops can then be pruned back enough to keep them from being whipped about and damaged by the Winter winds.



Winter covering

After the plants have been hilled with soil, manure should be placed between the rows. Then cover entire bed with straw or leaves. Next Spring the manure can be worked into the soil as valuable plant food.

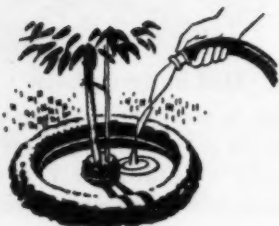
WATER

Supplying and preserving moisture during hot Summer days



Hose without nozzle

Water applied slowly, directly at the roots of plants, is perhaps the most satisfactory means of artificial watering. Remove nozzle from hose; let it run slowly on a board or piece of stone. Do not move until spot is soggy and well soaked. Will cover a large area.



Basins around new shrubs

After a tree or shrub has been transplanted it needs a great deal of water. After planting, make a wall of soil about it to create a basin to hold water at the roots. Each day fill this basin with water. This constant watering is necessary until shrub has put forth new roots.



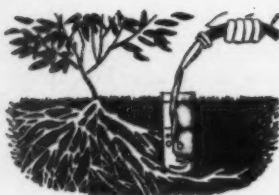
Water at ground level

Water applied directly to foliage of plants often is guilty of spreading mildew; with some plants it will disfigure flowers. With a water wand which applies a good stream of water at base of plants you have none of these worries. Can be used in the heat of day, too.



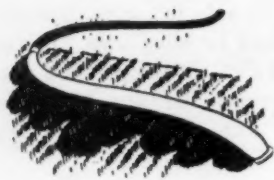
Sprinkling by hand

Useful sprinkling can never be done by waving the hose about in the garden. One rule every gardener should make is never to sprinkle with hose except to dampen seed bed. Shallow watering such as sprinkling does nothing but harm as it brings roots to surface.



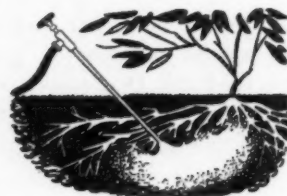
Tiles placed at roots

Drainage tiles sunk upright in ground at roots of trees or shrubs or spaced at intervals through the border are one way of placing water where it does most good. Hose can be run slowly into tiles or they can be filled by hand. Good system for feeding liquid manure.



Soil soaker for banks

A canvas hose with one end closed can be bought to attach to your garden hose. This is ideal for watering on a slope as the water slowly seeps out of the canvas and into the soil. Also good for rose garden where water on the leaves is apt to spread black spot spores.



Underground watering

A metal water sword attaches to the hose, can be thrust into ground to water roots deep in soil. It also comes with fertilizer compartments which feed plant while it is watered. Exceptionally good for watering newly set out trees and shrubs. Have water run slowly.



Mulch to hold water

Along with watering it is necessary during Summer months to do as much to preserve water as possible. Mulches placed about 2" deep around roots and over entire bed will hold moisture in the soil. Granulated peatmoss, grass clippings or sawdust are good.



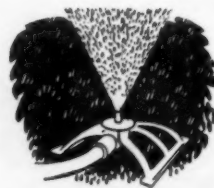
Water for cucumber hills

When planting cucumbers, remove the bottom from a tin can and sink it upright in center of hill. Plant the seeds around it. These plants are heavy feeders; this is an excellent way of feeding liquid manure directly at roots. You can also water through this container.



Irrigation for vegetables

Shallow ditches dug between the rows in the vegetable garden are a simple way of watering large areas. The ditches can be flooded with hose. This can also be done in perennial borders. Plants quickly hide ditch. Water seeps beneath the soil to do most good.



Using the sprinkler

A good sprinkler is an absolute must. But no matter how fine it will do more harm than good unless used correctly. Set in one spot and don't move until that place is thoroughly soaked. Especially on lawns is this true for it takes a lot of water to soak down through the roots.



Cultivate frequently

Working the soil right after a rain, especially in hot weather, is good practice. Stirring soil at this time turns wet soil under where sun can't dry it out. Dry soil on top sets up a dust mulch. You also get rid of weeds this way for they always start growing right after a rain.

SOIL

What to do to make soil meet the needs of different garden plants



For accuracy test soil

Instead of adding chemicals willy-nilly to the soil, use a soil testing kit and determine what is actually needed to put the soil in condition. This year chemical foods will be scarce and we should use carefully what we are fortunate enough to have in reserve.



How to treat acid soil

If after testing soil it shows acid, you will need to change its makeup to grow any plants except acid-loving ones. This is done by digging soil deeply and incorporating quantities of lime. Old plaster is excellent as it lies in the soil and disintegrates over a period of time.



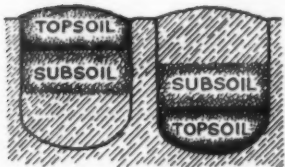
Correct way to spade

Always sink your spade or fork straight into the soil. If you put it in slanting you are cheating, for the bed isn't being dug as deep although the work is just as hard. When you spade remember you can't dig too deeply, but it is possible not to dig the soil deeply enough.



Making a perennial bed

Beds for flowers, especially perennials, should be prepared so well that for several years they'll need only surface cultivation. This means going down 2'. Place top soil and subsoil in separate piles. Cart off under soil. Break up bottom. Fill with manure and good loam.



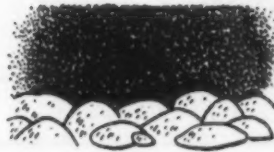
Reason for turning soil

Plants obtain their food through their roots which are anchored in the soil, and a healthy plant has its roots deep. In spading, the top soil, which is the best growing material, is turned to the bottom of the bed. This encourages the plants to send their roots down deeply.



Remake clayey soil

Clay soil can easily be made into an excellent growing medium if care is taken in its preparation. Add ashes and sand to make friable. Then add organic matter such as leafmold and manure to supply food. It takes several years of working soil to get proper consistency.



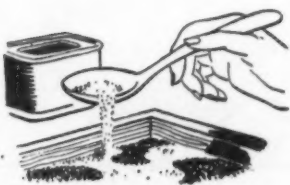
Drain soggy soil

Soil, to grow most plants, should be well drained. If your beds are soggy some drainage will be needed. A simple way is to dig out soil to depth of 2', and put in 6" of rock. However, if it is serious it will be necessary to lay a row of drainage tile to carry off water.



Making alkaline soil acid

If you want to convert alkaline soil to acid, dig in oak leafmold, pine needles and soil from beneath pine trees, or sprinkle ground with aluminum sulphate at rate of 1/2 pound to the square yard. After plants are established a top dressing of these ingredients should be used.



Sterilize soil in flats

Before starting seedlings, sterilize the soil to avoid damping off and other soil-borne diseases affecting seedlings. Sprinkle sterilizing powder over soil, mix through and cover for 48 hours. Then expose to air for a day. Treat soil in cold-frame and outdoor seed beds the same.



How to trench soil

Trenching is a way to assure a thorough job. Trench depth of spade is made and soil removed to one end of garden. Soil is carried to far end of bed. Place manure in bottom of trench and turn next row of soil over it. More manure, turn over, and so on to end of bed.



Soil for seedlings

When starting seedlings, a special soil mixture is needed. Equal parts loam, peatmoss and sand is most satisfactory. Loam should be good garden soil well enriched with leafmold. Peatmoss holds moisture in soil. Sand makes it porous. Sieve through window screening.



Improving sandy soil

To change consistency of porous sandy soils, dig out beds to 2'. Remove all gravelly subsoil and replace with 1/2 good loam, 1/4 rotted manure and 1/4 compost. Top dress bed with bonemeal. In Fall mulch with 4" of manure, leaves and compost which is turned under in Spring.

BULBS

How to plant and care for some of the colorful Summer bulbs

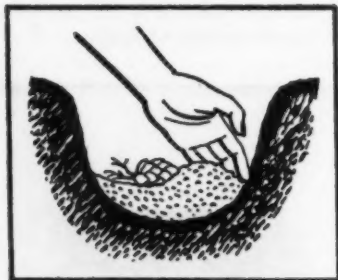
Planting lilies

Make hole at least 18" deep. The best soil mixture is equal parts sand, loam and leafmold. Depth to plant depends on variety. Put 3" of sand at bottom of hole to assure good drainage. If bulb is loose-scaled variety, plant it on its side.



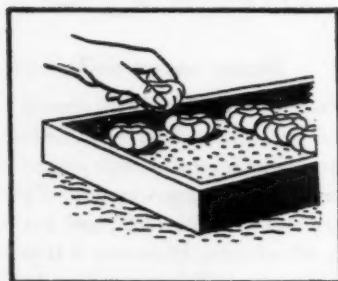
Cover with sand

Cover bulb with 2" of sand. Work sand down between the scales. This is to prevent water lodging in these crevices. Next cover with loam to proper depth. Pack soil down well. If the weather is warm, soak bed and keep it well watered.



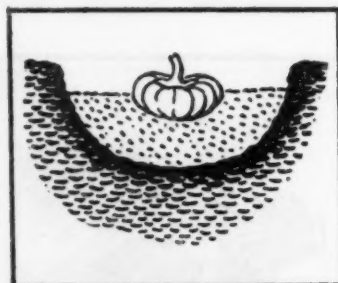
Sprout begonias

Tuberous begonias are ideal plants for a shady spot. They are easy to grow if care is taken in starting bulbs. To pre-sprout them place bulbs in flats of damp sand with hollow side up. Don't let water get into hollow or bulb will rot.



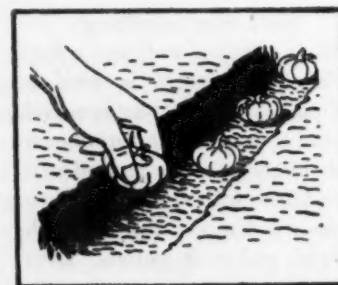
Planting begonias

The soil for tuberous begonias should be heavily enriched with leafmold. Peatmoss is also good to keep bed moist. Place sprouted bulb on, and surround it with sand. Cover with about 1" of soil. Be careful not to break off sprout in planting.



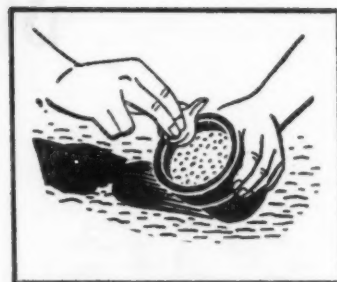
Growing gladiolus

For continuous blooming period, plant a few gladiolus bulbs each week from Spring up to July 4th. They can be planted in rows or in clumps in the border. They like a rich soil and should be covered 2". Stake to keep them erect.



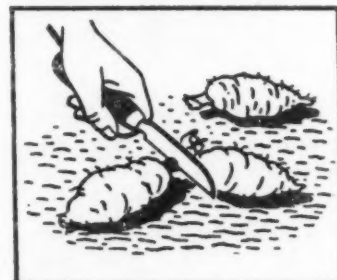
Starting early

Some bulbs are slow in maturing and if planted in the garden will just come into bloom when frost hits them. Bulbs in this classification should be potted in early March, forced in cold-frame or indoors. When the weather is warm set out.



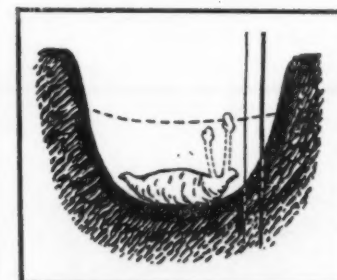
Dividing dahlias

At end of March place dahlia clumps on damp peatmoss. In a short time buds will develop; then the clump may be divided with the assurance that each division contains a growing eye. Cut apart with sharp knife leaving part of stalk on tuber.



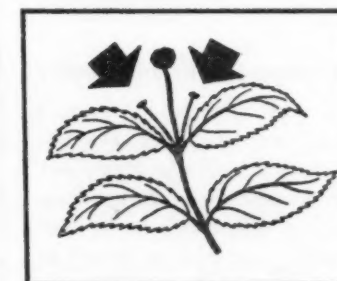
Planting dahlias

Best time to plant is in Mid-spring after all danger of frost has passed. Prepare soil well as they are heavy feeders. Make hole 8" deep. Drive stake at one side. Place tuber with sprout at stake. Cover slightly. Finish covering as it grows.



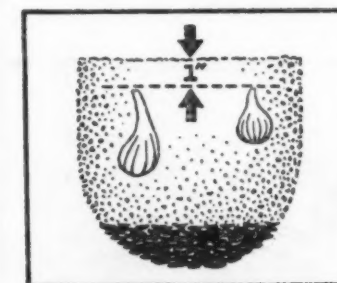
Disbudding plant

Allow 1 strong stem to grow from each tuber. For a lower bush pinch top out of this shoot when it is 1' high. Resulting shoots can also be cut back. When buds appear there are 3, a center and 2 side ones. Remove side ones for large flowers.



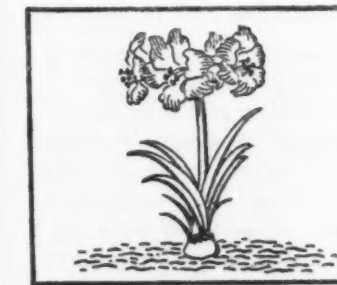
Depth to cover

When you read in planting directions that bulbs should be so deep it means that the bulb should be covered with that much soil from the top up as shown in the drawing at the right. This question is one that often puzzles gardeners.



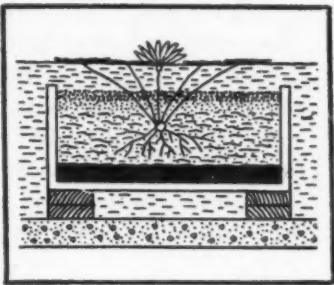
Amaryllis outdoors

These bulbs are overlooked as suitable material for planting in the garden. They should not be for they grow very well and are colorful and showy. Start the bulbs in pots and set them out when weather warms. Top of bulb should not be covered.



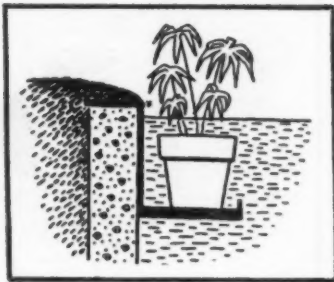
POOLS

Flowering plants that grow in water and how to plant them



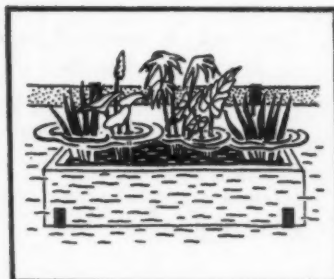
Planting water lilies

Plant lilies in boxes 2' square, 1' deep. Soil mixture should be 3 parts loam to 1 of rotted manure. Also mix in dried blood and bonemeal. Plant lily and cover earth with 1" sand and 1" of gravel. Set box so only 6" of water covers it.



Shelf for pots

Shallow water plants require only a few inches of water over their containers. In the small pool they can be planted in pots. Support these pots at proper depth on shelves which have metal brackets which hook over the pool's edge.



Box for bog plants

When planting several shallow water plants make a box 8" deep and 6" wide, whatever length you want for your pool. Secure it 2" below water by brackets over edge of pool or support from bottom. Fill with soil, plant, cover top with sand.



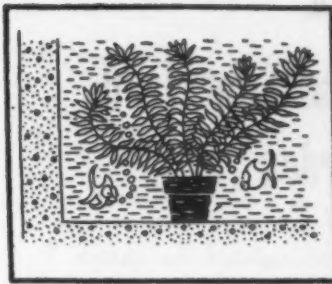
Built-in boxes

When building a new pool, pockets to accommodate shallow water plants can be built right into side wall of the pool. Forms should be built and cement poured at same time walls are made. Make pockets deep enough to hold 6" of soil.



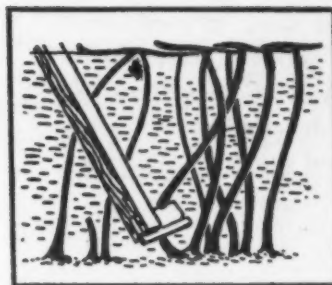
Soil on bottom

In a small, shallow pool the best plan for planting lilies is to cover the bottom of the pool with soil. After planting be sure to cover the soil with at least 2" of washed sand and 1" of gravel to keep fish from stirring up mud at bottom.



Plants for fish

Several pots planted with aquatic plants such as cabomba, ludwigia, vallisneria and sagittaria should be on bottom of pool. These do not grow above water and will not crowd lilies. They supply oxygen to water which helps to keep it fresh.



Thin out lily pads

Without any care at all water lilies grow rapidly. In a short time a small pool is apt to become covered with pads. To remedy this overcrowding cut out some of the pads. Use a razor blade fastened to a stick to remove them under water.



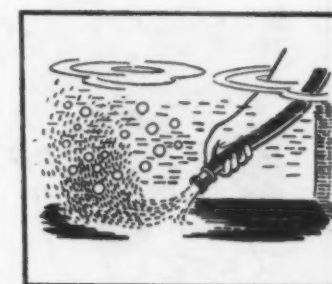
Blooming plants

Aside from water lilies there are other water plants which have attractive flowers. Water poppy has clear yellow blossoms which are held above water. Water snowflake bears white blooms. Plant same as other shallow water plants.



Water hyacinths

These plants float on water and need no soil at their roots. Roots are profuse and afford ideal spawning place for goldfish. Blossoms are pale lavender and resemble hyacinth bulbs. Thin out during season as they multiply rapidly.



Overflow pool

If water in pool becomes cloudy it can be cleared by placing hose at bottom and allowing pool to overflow until clear. A planted pool stocked with goldfish will not stagnate nor will it attract or serve as breeding place for mosquitoes.



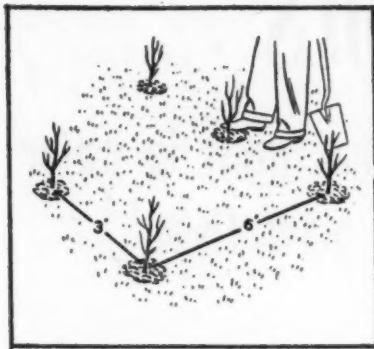
Clean out pool

In early Spring drain off all water, scrub inside walls of pool. Use plenty of water to flush them down. Refill lily boxes with fresh soil and fill. You won't have to touch pool again until Fall when it is cleaned, after the leaves fall.

FRUIT

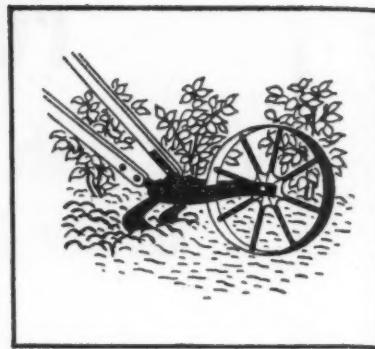
How to plant and care for fruit in your garden

VICTORY gardens have grown throughout the nation this year. Urged by the Department of Agriculture, gardeners planted vegetables in their gardens, many for the first time. But not for the last time, for they have tasted vegetables fresh from their gardens. Now, they'll always grow them. The Department of Agriculture is now recommending that every gardener add fruits as an important part of his horticultural pursuits.



Planting bush fruits

Bush fruits like a well-drained rich loam that has had organic material worked into it. Space plants 3' apart in rows, 6' between rows. Set the bushes 1" deeper than previously planted in the nursery.



Keep soil cultivated

The healthiest bushes bear the best fruit and bushes free of weeds between the rows are more easily kept in healthy condition. Regular cultivation with a cultivator or by hand will help keep weeds under control.



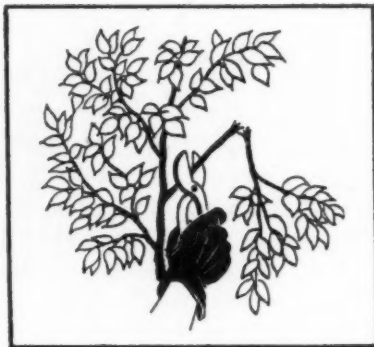
Pruning fruit bushes

Aside from the pruning out of old canes, blackberries need topping in the Spring. All bush fruits should be thinned out in the Spring after leafing out so that not more than 7 strong canes are left.



Planting fruit trees

Dig hole large enough to accommodate the roots freely. Use a mixture of compost and loam to fill about the roots. All broken roots should be removed. Pack soil down about the roots. Keep new tree watered.



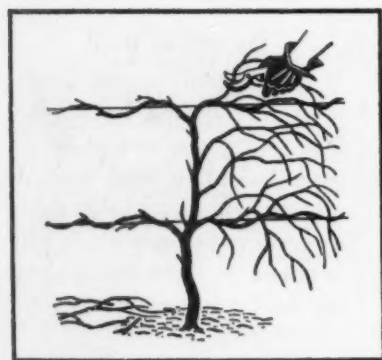
Remove broken branches

All branches that are broken should be removed right away. This is true of dormant trees as well. Do no other pruning when planting. Wait until the young tree has leafed out and started its new growth.



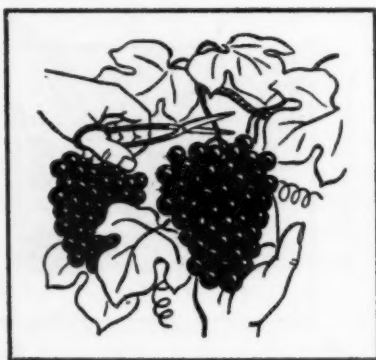
Food for fruit trees

Newly set-out trees will require no food other than that which is in the soil for the first year. After that regular feedings should be made. Commercial foods are put into holes about roots. Dig manure in.



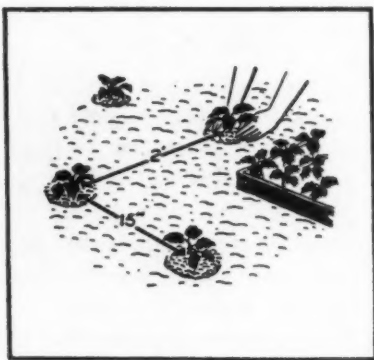
Prune grapes in January

Grapes should never be cut unless they are truly dormant as they are apt to bleed. Mid-January is the best time. Cut off all growth back to the main branches each year to obtain the best quality fruit.



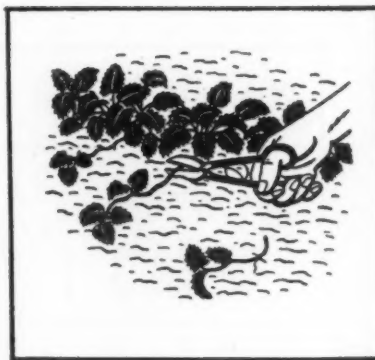
Pick fruit carefully

Grapes should always be cut from the vines. Tearing is apt to injure the vine itself, causing it to bleed. Furthermore, the fruit, when carefully cut, will not be bruised and will keep for a longer time.



Planting strawberries

Strawberries like a good, well-drained soil, alkaline by test. The plants should be about 15" apart in the rows. Distance between rows should be 2' to allow plenty of room for cultivation and picking of fruit.



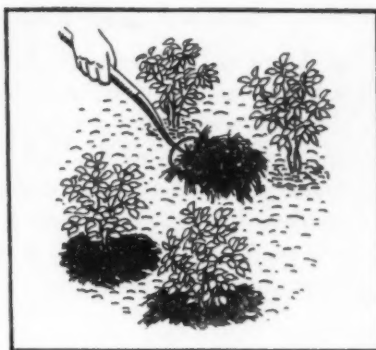
Trim off runners

All runners should be taken off plants for the first year to allow strength to go to main plant. Blossoms should also be removed up until Midsummer. After 1st year plants can grow thick in rows but not between.



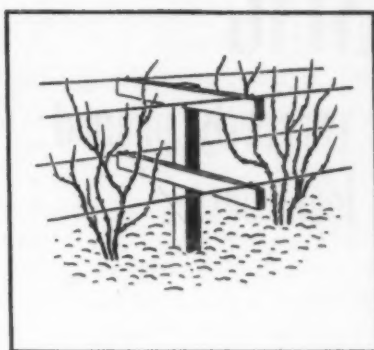
Remove sucker growth

Berries send out new shoots at a fast pace. If allowed to grow they will quickly fill space between rows. While still small they are easily chopped out with the hoe; it's harder when they are larger.



Feed bushes heavily

Manure placed about the roots in the Fall offers Winter protection and can be worked into the soil next Spring. Mulches of leaves and grass between rows are valuable in hot weather and also supply food.



Provide wire supports

As soon as the plants start to grow, wire supports should be strung the length of the row. This holds the plants upright and in bounds which makes cultivating the plants and harvesting the fruit much easier.



Cut all old canes

When the last fruit has been picked, the old canes on which the fruit was borne should be cut to the ground. This gives the new shoots on which next year's fruit grows a chance to make a strong growth.



Spray trees regularly

Most orchardists follow the schedule of spraying with a miscible oil when the tree is dormant, with an insecticide as buds swell and again when blossoms start to fall. Spray oftener when needed.



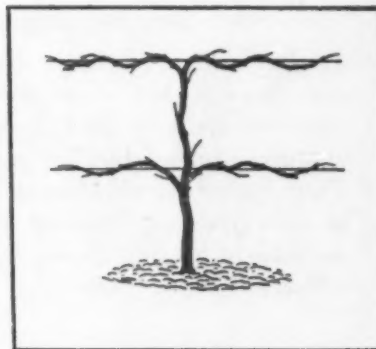
Thin for best fruit

When branches appear overloaded it will be necessary to remove some of the fruit. Otherwise the branch is apt to break or the fruit will all be small. Go over the branches and cut off smallest fruit.



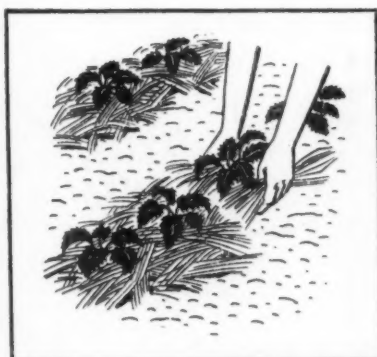
Pruning espaliers

Espaliered trees will need almost constant pruning throughout the growing season to maintain their shape. There is no set rule for this trimming. Go over tree regularly and cut out growth that spoils tree's shape.



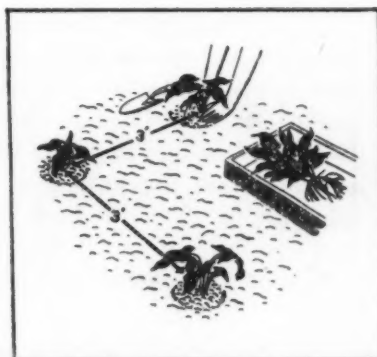
How to train grapes

Train grapes with main branches as shown above. When planting cut to 2 eyes; cut to same point 2nd year. In Spring leave 1 eye to grow to top of support. Next Spring remove all eyes but 4 to make shoots at wires.



Mulch strawberries

In the Fall cover the plants well with straw. In the Spring this straw is removed, the soil worked and fed and then the straw is replaced. Cover between rows and tuck under plants to protect the fruit.



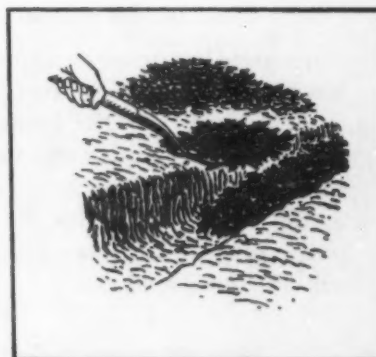
Planting rhubarb

Six to eight plants of rhubarb should prove sufficient for the average family. The plants should be set 3' apart each way. The soil should be good. The plants will live and bear for years without replacing.



Manure for rhubarb

Each Fall well-rotted manure should be placed about the roots of each plant. This remains until the following Spring when it is dug into the soil. This is about all the care that rhubarb ever demands.



Making acid soil

Blueberries require an acid soil if they are to be grown successfully. To accomplish this remove soil from bed to a depth of 2', replace with sandy soil mixed with oak leafmold and cottonseed meal.

PRUNING

Shrubs and trees correctly pruned live longer, look better

Carefully remove dead wood each Spring

As soon as shrubs leaf out in Spring go over them carefully and cut out any branches that have winterkilled. Dead wood allowed to stay on shrubs spoils their appearance and will retard growth. It also creates ideal condition for rot and other diseases to take hold. Burn removed wood for it might be diseased.



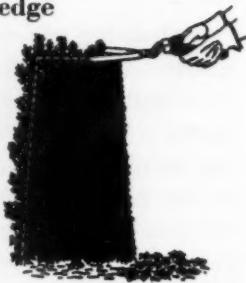
Cut back the leaders on fruit trees

Leaders which are found on all fruit trees are often mistaken for suckers and cut out. They are really the branches which, if properly pruned, bear next year's fruit. These leaders are whip-like and grow up straight. They should be cut back while dormant to 5". Next Spring shorten developing side shoots one half.



The correct way to trim a hedge

We don't often think when we start to trim the hedge that there is a right and a wrong way. We just cut it so it appears neat. But if we cut so that bottom is slightly wider than top we allow light to reach bottom branches to keep them green. Prune hedges frequently to create densest growth and best appearance.



How to fill vacant spots in trees

A one-sided tree or one on which a branch has been broken can be brought back in shape through corrective pruning. Select a strong leader growing near vacant spot and cut $\frac{1}{4}$ " above bud facing out. Next Spring remove all but this leaf bud. Resulting branch will grow out and in time will fill the unsightly spot.



How to correct down-growing branches

Branches that insist on growing down are undesirable as they spoil tree's shape. To correct them, on branch causing the trouble select a bud on upper side of branch where it starts to bend. Remove branch $\frac{1}{4}$ " from this bud. In the Spring remove other buds allowing all strength to go into bud which will grow upright.



Remove dead flowering heads from shrubs

If shrubs are allowed to seed it will take valuable strength from the plants. Also the dried seed pods make shrubbery look unattractive and poorly cared for. Of course you can't remove all withered flowers from forsythia and like material nor is it necessary. But lilacs and rhododendrons should be cleaned up.



Prune evergreens according to natural shape

Never trim evergreens so that you kill the natural form of the bush unless, of course, they are being used as hedges or topiary pieces. Pyramid and globe arbovitae should be sheared lightly to maintain that form. Other evergreens should be trimmed only when a branch grows rank and spoils the tree's appearance.



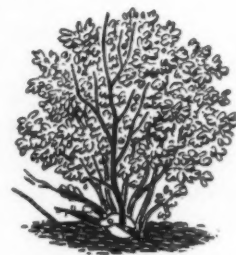
Remove broken branches from trees and shrubs

Branches that are broken on trees or shrubs should be cut out right away. If left they take strength from the plant. This broken spot also is a good place for rot and disease to set in which will quickly spread over the entire shrub. Quick removal of these branches will make plants start new growth to fill in.



Thin main shoots on overgrown shrubs

Every shrub puts out a certain amount of new growth each year. To keep it in good condition some of this growth should come from the ground. To encourage this it is necessary each year to thin out old shoots. Select ones that are very woody and sparse of foliage at the bottom. Cut them out at the ground.



Cut to ground half dead, overgrown shrubs

Bushes that are too large or ones that are green only at the top can be started anew. Cut them clear to the ground. Don't cut just halfway for the shrub will sprout only at the cut, leaving the bottom bare. After cutting them down, incorporate manure and leaf-mold in the soil about them to force growth.



Never trim shrubs to have rounded tops

Unless a shrub is definitely a topiary piece, its charm is in its natural, irregular shape. Clipping a shrub with hedge shears into a symmetrically round shape forces new growth to the top and leaves the bottom stripped. This is an especially bad practice with flowering shrubs, as it cuts down the prospective blossoms.



TOOLS

Suggestions to make garden tools last for the duration

Clean garden tools after each use

Each garden tool we own is a precious item for they can't always be replaced right now by going to the nearest seed store. We must take care of them and one must is to clean them off well after each using. Keep a small stick handy to scrape off the mud and a rag to dry them to keep them from rusting away.



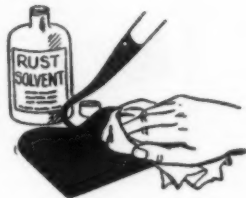
Sharp tools are sure to last longer

Perhaps it hasn't occurred to you that spades and hoes need sharpening just the same as knives. They have to cut the soil. If they are sharp, it's an easier job. Easier on them and easier for you. A file can be purchased at any hardware store to do the job. Make a regular practice of sharpening your tools.



Tools rust easily when not in use

Rust causes more rapid deterioration of metal tools than any other cause. This is especially true when tools are stored away for Winter or during any period they are not in constant use. One way to prevent this occurrence is to go over them with a cloth soaked in rust solvent or wipe them off with axle grease.



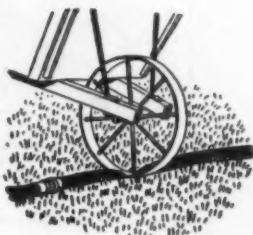
Don't put too much strain on handles

When digging out a small tree or shrub don't use the spade to pry it loose. It's much simpler to dig around the plant first. It's easier on the plant and a lot less apt to snap the handle of the tool. Spades are often abused when turning over ground. Try always to use them the proper way to make them last.



Protect your valuable garden hose

The hose you use so often in the garden is rubber. Need we say more about the difficulties you'll run into trying to replace it? Little things we've all been guilty of are most harmful to it. For instance, running the wheelbarrow over it to save the trouble of moving it. This quickly breaks down the inner walls.



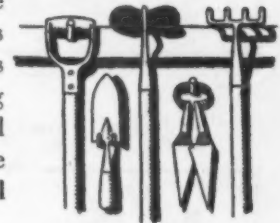
Another caution for care of hose

How often have you bent the hose between your hand when you've wanted to shut off the water for a minute? Perhaps it was only while you moved the sprinkler, but we've all done it: We didn't realize that it was one of the worst things we could do to the hose. Shutting off at the nozzle can be almost as harmful.



A special place for every tool

One sure way to keep tools in good shape is to put each one away after using. It's easy to leave it in the garden and it's also easy not to get around to putting it away. Take it back to the tool shed after each using even if you plan to use it again later in the day. Have a special rack with a place for each one.



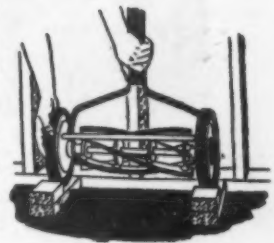
Repairs can often be made at home

Two years ago, if a handle broke, we would have bought a new tool. Such is not the case today. Tools can be easily fitted with a new handle. The proper handle can be found in seed stores. The same is true of tools that have become nicked or bent. You can file them down or take them to a blacksmith for repairs.



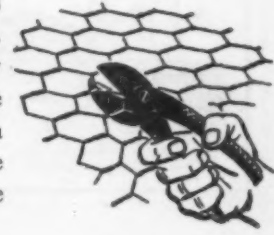
Care for mower with loving hands

Certainly we couldn't get along without a lawn mower. We won't have to either for the one we have will last for years if properly cared for. After each use wipe off with a dry cloth to remove grass which has clung to blades. Then put it away in a dry place set up from the floor on blocks of wood to keep it dry.



Each tool for a particular job

Pruning tools are meant to cut bushes and other woody material, not wire. Using them for such jobs, even if they are handy, is most harmful as it nicks the blades and dulls them. Neither should a pair of pruners meant for a small job be used to cut heavy branches. Each is made to do its own job well and no other.



Oil lawn mower each time used

A can filled with oil should always be available in the tool shed. If so then it's easy to form the habit of oiling your lawn mower each time it's used. You'll easily find the places oil is to go. At your seed store you'll find a lawn mower sharpener that'll help a lot and make work easier if used before each mowing.



PLANT FOODS

How to get along without war-drafted chemicals

Bonemeal a good non-priority plant food



This year chemical foods will be scarce, as chemicals from which they are made are needed for war materials. We can, however, with a little more work, make up for this loss with organic foods. Bonemeal is excellent to use when planting bulbs. It is also good worked into flower beds in Fall.

Spread chicken manure on yard in Fall



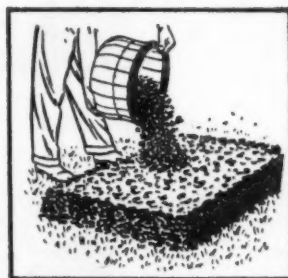
Poultry manure properly used is a good food. You have to be careful for it is very strong and is apt to burn. If applied during the growing season only a small amount should be used. The best plan is to put it on in late Fall. Especially good, spread lightly over the lawn.

Dried blood is a quick acting fertilizer



Dried blood which can be purchased from your local slaughter house is a plant food which should be used more in the garden. Work it in about plants as top dressing. Its only drawback is its odor which attracts dogs. This odor soon passes after the blood has been worked deeply into the soil.

Compost is valuable food made from waste



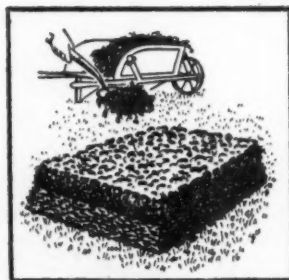
Grass clippings, leaves, weeds and all waste from the garden can be turned into rich organic leafmold through composting. No garden should be without its compost pile. This is most important plant food for duration for it is available to every gardener. First layer from materials above.

Cover crops replace food in the soil



As soon as a row in the vegetable garden is finished, sow it to a cover crop—Winter rye, oats or the like. Let this new crop grow to about ten inches and then turn it under to rot. This returns the food which the vegetable crop took out. This treatment is just as good for flower beds too.

Mix manure in pile to enrich compost



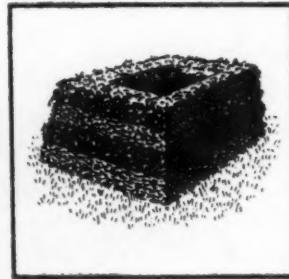
Next add a layer of manure. This hastens decomposition and improves quality of compost. If manure is not available, a commercial powder may be used to hasten rotting; and bonemeal and dried blood may be used for food value. Organic garbage like potato and vegetable peelings are also good.

Well-rotted barnyard manure is a must



Maybe you have been able to get along without manure by using chemicals but this year they are limited. Get in a load of manure now. Keep it piled in an out-of-way corner of garden from which it can easily be carted to all parts. Use in every new bed you make and work it into old ones.

Always have hollow in top for water



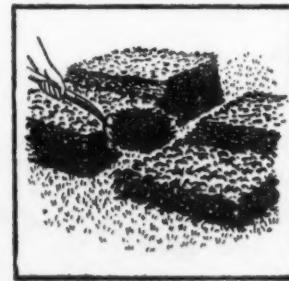
After the layer of manure more clippings and the like are added and then another of manure and so on until a height of 4' or 5' is reached. A slight hollow is left at top to catch water. As soon as one pile has been completed start another so one will be ripening while the other is being used.

Manure water promotes rapid growth



Place a watertight barrel in an out-of-sight spot. Cover bottom with 2' of rotted manure. Fill barrel with water. Allow it to stand about 2 weeks. Stir frequently and keep covered. Dip out and water at roots of plants. Add new water each time some is taken out, new manure every 6 weeks.

Turn entire pile to obtain best compost



After the completed compost pile has stood for three months it should be turned. Build a new pile from this one by placing the top layer at the bottom and so on until what was formerly the bottom layer is at the top. Compost is ready to use when it crumbles freely like earth in the hand.

INSECTS

An all-out attack on fifth columnists in the garden.

Proper spraying for chewing insects

Insects are divided into two groups, those that damage by eating the leaves and those that suck out the juice. To control leaf eaters a stomach poison should be used. Spray it over the plant, covering the undersides of the leaves too. If rain washes it off before bugs are gone cover plant again.



Spray to use to kill sucking insects

Rose aphids and other plant lice do their damage by boring into the leaves and stems and sucking out the life fluid of plants. To kill them use a suffocating spray such as nicotine. These pests multiply rapidly so spray every day until they are gone. Then spraying once a week should suffice for control.



Getting rid of ant hills in the garden

Ants, which can do untold damage in either the lawn or the garden, are easily controlled. A few drops of commercial killer which gives off fumes should do the trick. Close the hill after putting in the liquid. Remove plants close to the hill before applying. Boiling water may be poured in hill.



Burn out all tent caterpillar nests

The best way to remove tent caterpillars is to destroy the egg masses found in the branches after leaves have fallen. Wipe them out with rag soaked in kerosene. However, if you miss some they can be burned out with a torch on end of stick. Evening is the best time to find the pests in the nest.



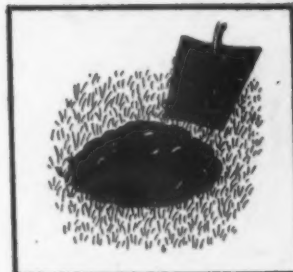
How to control slugs in the vegetable garden

Newly set out plants and seedlings are particularly subject to attack from slugs. They are in the ground during the day and come out and feed on tender leaves at night. Sharp sand about the base of plants is some protection. Poison bait placed in the soil at the roots is best way to kill these pests.



Japanese beetle grubs feed on grass roots

The middle of May turn back a section of sod and examine for signs of the beetle grub. They are fat white grubs about 1/2" long. Arsenate of lead spread over the lawn will kill them and immunize soil for 3 years. If grubs are plentiful State Experimental Station should be told of infestation.



Handpicking is the only way to control beetles

All the spraying that we can do just doesn't seem to stop Japanese beetles. They refuse to eat sprayed material. They have to be exterminated, though, and the only sure way is to hand pick. While they are thick go over garden twice a day and knock them into a can containing kerosene.



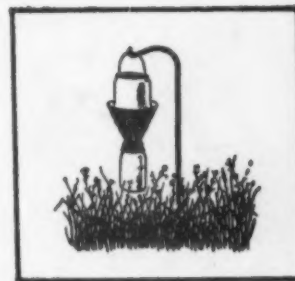
Lime dusted over plants protects them

When the beetle infestation is particularly heavy the garden can be protected by dusting heavily with lime. This will not kill the beetles but it does keep them from eating everything in sight. If the lime is washed off by rain cover the plants again as they must be thoroughly covered to do good.



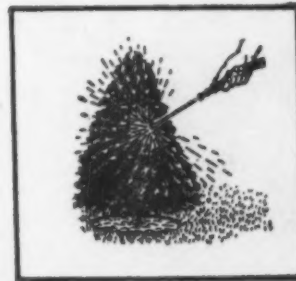
Correct way to use Japanese beetle traps

These traps, strange as it may seem, are not as good as they sound. The only reason they catch beetles is that the bait used attracts the beetles to them. For this reason they should only be used when they can be at least 100' from the garden. Otherwise they only draw beetles to plants.



Strong spray of water will control red spider

Evergreen shrubs in particular are apt to be infested with red spider and other like insects. A regular washing of the shrub with a strong spray of water washes them off. Be sure to spray the inside of the shrub as well, for that is where pests are usually found. Also good for deciduous shrubs.



January Gardener's Calendar



**Put up feeding stations
for the birds
and keep them filled
all Winter**

- 1** New seed catalogs are beginning to arrive. Go over them carefully but don't send off orders until you've planned your garden and know where everything is to go.
- 2** By all means try some of the new annuals and perennials that are offered for the first time this year. You'll find them described on pages 36 and 37 of this issue.
- 3** Orders for vegetable seeds for next year's Victory Garden should be sent off as soon as possible. Don't buy more than you're sure you'll be able to use.
- 4** Buy some roots of French endive for forcing. Put 2" of soil in box, place roots and cover with 6" of sand. Keep in dark cellar. Water frequently. Replant every two weeks.
- 5** Repot cactus plants in a mixture of 2 parts sand, 2 of loam and one part crushed stone, some leafmold and lime. Keep plants in a warm dry place. Do not over-water.
- 6** On a nice day work outdoors pruning the fruit trees. Head back all leaders. See page 50 for detailed instructions. Trim trees with idea of letting in air.
- 7** African violets resent water on their leaves and should only be watered from the bottom. New plants can be started by rooting the leaves in damp sand.
- 8** Potted calla lilies are heavy feeders and should have a top dressing of plant food. Give all house plants a watering of manure water or chemical solution.
- 9** Go over house plants regularly and at the first signs of insects get after them. Nicotine spray is good for lice and spider. Touch mealy bugs with swabs dipped in alcohol.
- 10** On a warmish day spray shrubs and trees with miscible oil. If mixture thickens, set the spraying tank in a bucket of hot water for a few minutes to warm the spray.
- 11** If a heavy snowfall bends down branches of evergreens, remove it before the snow freezes and breaks the limbs. Large branches should be given wooden supports.
- 12** If you are planning to do any grafting or rooting of cuttings, cut your material now. Tie it in bundles and keep it damp in a cool dark place until next Spring.
- 13** Go over the ground to find any low spots where water is standing. Make trenches to drain it off to prevent plant rot. Especially dangerous over bulb planting.
- 14** Primroses are an ideal blooming plant for the house. To keep them blooming a long time, water each day from the bottom and keep out of direct sun and excessive heat.
- 15** Lilyofthevalley is easily forced for indoor bloom. In fact, it only takes about 2 weeks. Plant about 20 pips in a 6" pot and keep in a warm dark place till 3" high.
- 16** Go over the Summer bulbs which are stored for Winter. Destroy any that are spoiled. Cut out all signs of rot and dust cuts with sulphur. Do regularly until bulbs are planted.
- 17** As the weather grows colder rabbit food becomes scarcer. If you haven't put wire about fruit tree trunks, you'd better get at it right away, before the rabbits get there.
- 18** Geraniums like a cool place. Water well only when needed, not each day. When buds appear, give each plant ½ cupful of weak manure water. Root cuttings for next year.
- 19** Save all wood ashes from the fireplace. Keep them covered and dry. They'll make valuable fertilizer for next year when chemical foods won't be as readily available.
- 20** Frozen roots of rhubarb can be lifted and planted in boxes of soil in the cellar for forcing. The plants can be set back in the garden in the Spring.
- 21** As soon as the buds appear on Christmas cactus don't give them as much water. Too much water is apt to make buds drop. Don't keep plants too warm. Feed lightly.
- 22** The Christmas poinsettia is probably dropping its leaves by now. Gradually stop watering it, place it in the dark and allow it to rest without water until Spring.
- 23** Remember to air the coldframe daily except when the weather is too threatening. If the temperature shows signs of a sudden drop, cover the frame with mats or straw.
- 24** A good indoor job for Winter weather is to make seed flats. You can have the lumber all cut at your lumberyard and then all you have to do is nail them together.
- 25** Inspect plant labels and replace any that are hard to make out. If they are worn now, it's certain you won't be able to make them out by next Spring. Fasten them securely.
- 26** Branches of forsythia and pussywillow can be brought indoors for forcing. Soak the entire branch in water for 24 hours before placing it in the vase.
- 27** Remove cover from frame in which rock plant seeds are planted when snow is expected. Let the frame fill with snow and then cover again. Snow helps germination.
- 28** Before planting seeds, test them for germination. Soak two blotters in water, then place a few seeds from the packet between them. Keep in a warm place. Check for sprouts.
- 29** Garden furniture and trellises which you planned to build all Summer can be worked on in basement now. But don't be like the boys who built the ship in the basement.
- 30** Winter months afford a real opportunity to learn more about gardening. There are many good books to read on all phases of gardening. Attend garden club lectures.
- 31** In the greenhouse make cuttings of fuchsias, heliotropes and stevias from young wood. Give hydrangeas gentle heat to bring on bloom by Easter. Get flats ready for annuals.

■ ■ ■

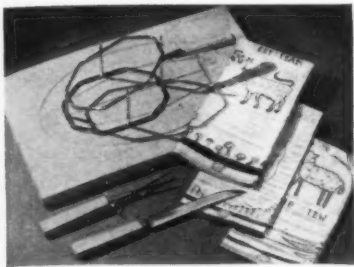
Study this issue of **HOUSE & GARDEN** carefully. There's a great deal of practical gardening information to be found in its pages.

NEW REGIONAL ACCENTS

(Continued from page 23)

Stylized Primrose →

Graceful leaf-shaped plate with fluted edge wears a design of primroses and mesquite leaves drawn with a free stroke. This one is white pottery with design of flowers in Bluebonnet Blue. McCreery's has it for \$2.95.

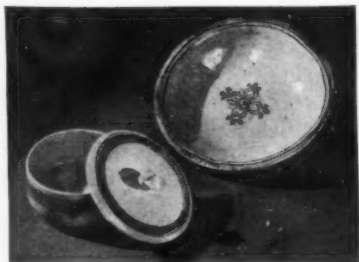
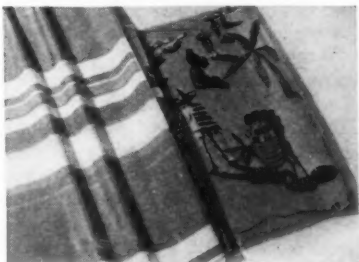


← Barbecue adjuncts

Ham rack set that has a hearty Western look, \$29 for rack and board; carving knife and fork set, \$15; both at Hammacher-Schlemmer. Amusing kitchen towels with recipes, 85c each, The Cellar, Kansas City, Mo.

Serape stripes →

Handsome new satin twill upholstery banded with irregular horizontal stripes. It comes in a stunning range of Texas color combinations, "Estabanne" from Shulman-Abrash. Primitive Mexican scenic print, Schumacher.

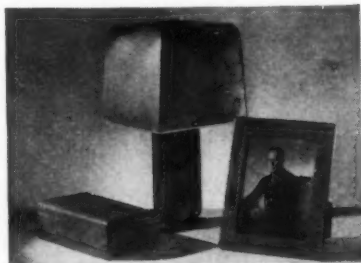


← Handmade pottery

Just right for informal entertaining, this Cactus Yellow pottery with Indian motif in soft green is made by Talavera Mexicans. Other sizes, shapes available. Covered ramekin, \$3.75, soup plate, \$1.50, Fred Leighton.

Modern hobnails →

Leather accessories rate high in smart Texas decoration. When trimmed with hobnails, as here, they are particularly effective. Florentine leather cigarette box, \$32.50, lamp, \$37.50, matching frame, \$17.50, Georg Jensen.



← Mission style

The simple sturdy lines of this smoky pine chair recall the furnishings of early Spanish missions. W. & J. Sloane have it for \$9.95. Romantically named "Desert Chenille", tufted rug in tones of brown and tan, Klearflax.


Inspired by our research →

Figurines made especially for this issue by Contemporary Arts designer Fred Press (now in U. S. Army), inspired by photographs our editors took in Texas. Cowboy and cowgirl, \$4. each, rider, \$10., The Waldrons.




THEODORE HAVILAND


Fine China Dinnerware



ROSALINDE




CLINTON




VARENNE

Here is china traditionally fine, exquisitely beautiful. But *made to use*, just as often as you wish. For this is *vitrified* china, so highly translucent as to appear fragile, yet amazingly strong and durable. And a special firing fuses the decoration with the glaze so that frequent use will not dim its loveliness.

If you want a beautifully-set table every day, ask for Theodore Haviland dinnerware. You'll find it at better department stores and jewelers everywhere.



WILTON



APPLE BLOSSOM

Many additional patterns, some in full color, are shown in a booklet "Fine China—To Have and To Use". A second booklet, "Theodore Haviland—The History of a Name", traces the romantic history of this china. You may obtain both of these by sending 10c to cover mailing costs.

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DECORATING

It's simple to create smart effects with fringes, trimmings or braid—try some of these ideas

How inventive are you in the decoration of your home? Do you know how to make a room sparkle with a single touch? Did you ever change the mood of your decorative scheme with a little money and a few yards of fringe? Can you give importance to a window treatment by discreet use of an ornamental tassel? Try it; it's easy, it's fun.

Wizardry with draperies

Let's start with the simplest stunt—window draperies. If they're a solid color, unadorned, you can easily give them a variety of moods. For example, sew five or six bands of 2-inch fringe in horizontal rows across the bottom and on a valance board. Result—a 19th Century effect. Or again, sew parallel vertical rows of textured looped fringe on each side of drapery panels. They'll look like fabulous Modern hand-weaves.

Or take your cue from the dramatic canopies of the Incan rulers of the 14th Century (see page 29). Edge the valance board with deep fringe and place elaborate tassels at each corner (plain draperies under this, please). If your draperies are smartly patterned, emphasize the design by repeating one of the colors in a fringe or braid. Or make of the same material a shaped valance that follows the lines of the print, and highlight with trimming.

Magic with mirrors

Mirrors and pictures too take on fresh interest when accented with trimmings. The fringed lambrequin of a 17th Century Italian bed canopy (see page 29) should inspire a clever way to decorate a plain mirror for a formal room. If you

prefer a naïve Provincial effect, frame the mirror with an amusing cotton braid. Try fringe or tiny tassels on the edge of dressing table boxes. The effect is feminine and charming.

Refurbishing furniture

You've seen how a Lawson sofa seems to change character according to the type of fringe used. The same is equally true of most upholstered furniture. You'll find hints for inventive uses of trimmings in the historic sketches on pages 28, 29.

Turn a simple armchair into a "period" piece by edging chair seat and back with a deep trellis-headed fringe. Or use braid and tassels at the corners of the back of an upholstered side chair. And, of course, fringe is a true and tested standby to add a romantic or sentimental flavor to any room. For example, if your living room leans to the Victorian, accent that mood by putting graceful circular skirts to the floor on a pair of round lamp tables or on a single big table that acts as a catch-all, and then border them with deep cotton bullion fringe.

One owner of a small apartment where the living room had to double for dining used for this purpose a folding card table and give it a dashing appearance with fringed linens. She bought luncheon cloths in bright, solid colors that keyed to her drapery chintz, and bordered them with giddy washable cotton fringe in contrasting colors: chartreuse with cherry, pale sky blue with buttercup yellow, primrose pink with magenta.

Decorative news

Delightful, made-to-order trimmings from Johnson & Faulkner. Top to bottom: short tassel fringe; deep skirted fringe on a scalloped heading; galloon with Greek Key design; straight silk fringe with close-meshed trellis heading; tiny multi-colored tasseled fringe.



From a wide collection →

Clever variety in these fringes from E. L. Mansure. Top to bottom: Short loops in scalloped effect; densely massed cut fringe; three rows of contrasting loops on a single heading; twisted silk loop trimming; spaced tassel fringe.



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WITH TRIMMINGS

Fringe offers sound and practical solutions to many other common problems, too. One is that of the studio couch in the small apartment which must serve as sofa for guests and downy bed for the hostess when they are gone. Studio couches are frequently difficult to disguise. If the room has a formal air, a row of deep bullion fringe at the foot is a good way to conceal ugly legs.

Another trick to save the fringe for decorative use on the pillows and simply conceal the underpinings with an upholstered panel of wood. If this is your particular problem, you might consider having the pillows re-cut so that instead of the conventional three you have two long low ones across the back; and one very long one (it should be as long as the couch is wide) at either end of the couch. If moss fringe is stitched into their covers, the effect will be luxurious indeed.

If you have a chaise longue with unattractive legs, you might find that a "dust ruffle" of cotton fringe, eight or nine inches deep, will conceal them effectively and give the piece an appealing new personality.

To dress up a bedroom

The war bride who is starting off her home on borrowed time and minimum equipment quite often solves the problem of beds by simply buying a box spring and mattress. A good way to dramatize these easily is to paint a *trompe l'œil* headboard of the right proportions on the wall and finish it off with imaginative trimmings. These might be tiny individual tassels applied like the buttons of tufting. Or outline the whole thing in loop fringe.

Give new life to a tired rug, worn out around the edges, by bordering it with fringe. Choose one that will be

guaranteed to give both the rug and the room a lift, and see if your friends do not think that your floorcovering is extra-special.

Brighten up your shelves by edging them with cotton fringe. Your old edgings are more than likely rather limp at this point and fringe gives a finished look to the bleakest linen closet.

For unusual lamp shades

Lamp shades often need some light touch. Try bordering a plain, tailored one with fringe and see how much better you like it. It is dangerous to add too much trimming to a shade already decorated, but simple shades bought at the 5 & 10 will pay rich dividends if you edge them with heavy rope fringe.

If you are a cushion devotee, and love to have lots of nice, plump ones around, try giving them a different air by sewing fringe around the piping. The shagginess of fringe adds to their comfortable look.

For unusual looking towels, take some rather weary bath towels, which you are sure to have hidden away, and utilizing the sound areas, cut them down to hand towel size. Border the handsewn hem with washable fringe to give a professional (and, incidentally, expensive) air.

Variety at your fingertips

There's a wealth of trimmings for you to choose from so you can be sure to work out the effect you prefer. From 20th Century B.C. to our own 20th Century, trimmings have had well deserved prestige in decoration. In early days they were the prerogative of kings and their courtiers. Today they are available in price ranges to suit any budget. On these two pages we show some of the most interesting styles.

Formal or frivolous →

Five trimmings from Scalaman-dré's decorative line. Top to bottom: Delicately executed blue and gold tassel with medallion; short Modern fringe; bouclé loops on deep heading; amusing strawberry-and-leaf design; double-skirted fringe with tiny tassels.



← For Modern or traditional

Adaptable to limitless clever uses these trimmings from Consolidated. Top to bottom: Salt-and-pepper effect in plump looped fringe; multi-colored tasseled fringe; bedspread trimming; heading on cut fringe; zig-zag loops; tassel with covered head.



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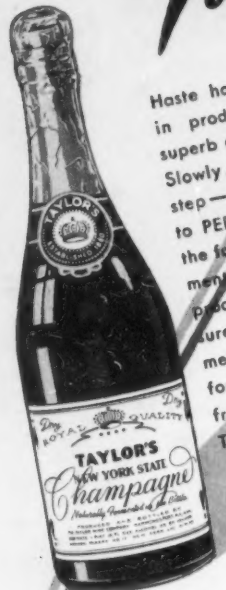
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LOOKING AROUND

A brief guide to current events that are taking place in the House & Garden fields

MUSEUMS

MUSEUM OF MODERN ART

11 West 53rd Street, New York City. Daily 12-7, Sundays 1-7. Movies 3 p.m. and 5:30 p.m. daily. Such an unprecedented number of posters poured in for the National War Poster contest that the exhibit opened late and will stay till Jan. 3. The major exhibition of 20th century portraits will remain until Jan. 21. Striking personalities captured on canvas by great modern artists—Renoir, Picasso, Matisse, Marie Laurencin, John Sloan, George Bellows, Robert Henri, Eugene Speicher, George Biddle, etc. The exhibition in the Young People's Gallery closes Jan. 17.

BROOKLYN MUSEUM

Eastern Parkway, Brooklyn, N. Y. Open 10-5, Sundays 1-6. "Anybody who boards is crazy", a spontaneous remark overheard at the Museum aptly expresses the spirit of the Inventions for Victory exhibition, for here are new products, materials and new uses of old materials resulting from the pressure of war-time production. You'll see colorful new shower curtains, smart brocaded upholstery fabrics woven with plastic thread, rattan-like upholstery, wooden hinges and clothes hangers, glass dish pans and mail boxes. Of special interest is the section of a demountable prefabricated house and rooms furnished with plywood furniture designed for minimum expense and maximum production. On until Jan. 3.

COOPER MUSEUM

Cooper Square at 7th St., N.Y.C. Open Mondays through Fridays, 9 a.m. to 10 p.m., Saturdays 9-5. If you have any doubts about color schemes, go to the Red, Yellow and Blue exhibition on display until Jan. 16. Textiles, pottery, furniture from European, Oriental, Near Eastern and American collections are grouped according to their main coloration, red, yellow or blue. Actual samples of mineral, insect and plant material from which dyes and pigments were obtained are shown, as well as color charts explaining "Value", "Chroma", "Color in Light", etc.

METROPOLITAN MUSEUM OF ART

Fifth Avenue at 82nd St., N.Y.C. Daily 10-5, Sundays 1-6. Free. The exhibition of contemporary paintings, sculpture and graphic arts which opened early in December presents a realistic cross section of American art as it is progressing during this critical war period. By fostering the Artists for Victory contest the Museum has uncovered new talent previously unused and has also purchased prize-winning works for its permanent collection. Until Feb. 22. Opening Dec. 28, Crafts of the Shakers from drawings of the Index of American Design. The sketches of unornamented, functional furniture which typified the Shakers' austere belief in absolute simplicity are interesting because the furniture might easily be adapted to modern living.

MODEL ROOMS

B. ALTMAN & CO.

Fifth Avenue and 34th Street, N. Y. C. The five new dual-purpose rooms treat today's living problems—blackouts, long working hours, fuel shortages, etc., with a decorative but practical touch. The subdued red and gray color scheme in one living room and the cozy little iron stove set in a niche papered in fireproof chintz, make it a room to relax in after a hard day. New lighting concealed in a dining bay can stay on even during a blackout, when the curtains are drawn, and old carriage lanterns can also substitute when lights are out. The cocoa, chocolate and beige monotonies of the living-dining-game room with its big chaise by the fireplace, huge mahogany drum table and typical cocktail chairs in the center, and the colorful old Zuber wall paper panel back of the sofa would appeal to everyone.

ABRAHAM & STRAUS INC.

420 Fulton St., Brooklyn, N. Y. Welcome news to migratory war workers, career girls or just anyone who likes to paint is the new department of ready-to-finish furniture. Six specially designed room settings offer bright ideas for painting furniture in a one room apartment, two dinettes and three bedrooms. Their special quick-drying furniture paint comes in a gamut of colors, and they tell you how to apply it. The splatter-dash finish on a coffee table is colorful as confetti.

You'll also like the smart gray, green and navy plaid tacked on the front of a night chest and dresser which are painted matching gray.

LORD & TAYLOR

Fifth Avenue at 38th Street, N. Y. C. Seldom do you find such a variety of rooms decorated for distinct personalities; war wives who have pooled their resources, the fashion designer, writer and war worker. You'll see old furniture painted and put to new uses, such as the Victorian sewing machine transformed into a dressing table. Note, too, the chartreuse wool rug woven in a fern design, green as the forest floor. There's a cheerful one-room cottage divided into two by ceiling-height screens covered in a good-neighbor print. Red bunks furnish sleeping quarters at one end, redwood chairs and huge trestle table at living end. Seventeen rooms altogether.

SHOPS

FIELDS & FORD

684 Lexington Ave., New York City. Once inside the door you're bound to hear the merry tinkle of a Swiss music box for they still have several very tuneful ones. More outstanding is their 18th century Swiss, Biedermeier and French Provincial furniture. The hand painted Swiss trousseau chests are charming and useful as ever, as are the flower-faced clocks and wall fixtures. For people who have a passion for pewter, there is a tremendous collection of both Swiss and French.

AU PANIER FLEURI

762 Madison Ave., New York City. This shop likes to take designs from old wall papers or handboxes and stencil them on anything from scrap baskets to screens, headboards or sofa cushion covers. They also make lamp shades of wall paper, old chintz or pierced paper and still have a surprising variety of tiny shades for candelabra decorated with stage coaches, Federal eagles and stars, and scattered flowers. They do excellent repair work, too, on old screens, touching up tôle trays, re-lining lamp shades.

FRANCESCA REYES INC.

56 West 57th Street, New York City. There's an old world atmosphere about this famous Spanish gallery that would be hard to duplicate anywhere else in the United States today. The entrance hall is lined with precious Goya tiles, some large, some small, and a few rare ones from Alhambra. You'll find lacy Spanish grilles, wrought-iron gates and well heads from the 15th century and handsome chests of hand-carved walnut from the South, oak from the North. Also painted clocks, candlesticks, or gay wooden plates for bonbons—so much to see, you'll linger long. The second floor, too, is filled with museum pieces, massive carved doors from Granada, rich brocades, Renaissance furniture and noble escutcheons from medieval palaces.

GARDENS

BROOKLYN BOTANIC GARDEN

1000 Washington Avenue, Brooklyn, N. Y. Conservatories and buildings open daily 10-4. Gardens 8 to dusk. Still no shortage of rubber trees in the Economic House conservatory, and you'll also see the cherry red fruits in which coffee beans are imbedded; Manila hemp which yields many a husky hawser; citrus trees, etc. Winter lectures scheduled are: "Plants of Tropical America", 6 Wednesdays at 3 p.m., Jan. 13 to Feb. 17; "Propagation of Ornamental Shrubs", 8 Wednesdays, 4 to 5:15 p.m., Jan. 13 to March 3; "Herbaceous Plants", 10 Wednesdays, 11 to 12:30 a.m., Jan. 13 to March 17. Many new courses for children, too, are about to begin.

THE NEW YORK BOTANICAL GARDEN

East of 200th St. and Webster Ave., Bronx, N. Y. Conservatories and buildings open daily, 10-4. Gardens 8 to dusk. The Main Conservatories grow everything from orchids to peanuts and thousands of interesting plants form a continuous flower display all Winter. So lush and green are the economic plants and ornamentals in the moist, warm tropical flower garden, you'll forget it's cold outdoors. Now's the time to register for new Winter courses: "Choice Plant Materials", 6 Mondays, Jan. 4, 8-10 p.m., fee \$10; "Plant Breeding" and "Economic Botany", starts Monday, Jan. 4 for 12 weeks, one at 8 p.m., the other 9 p.m.

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BOOKS

ON GARDENING

MEET THE NATIVES. Illustrated by M. Walter Pesman. 216 pages. Author's Edition. 372 S. Humboldt St., Denver, Colo. \$1.25.

The sub-title of this unusual wildflower book is: "An Easy Way to Recognize Wildflowers, Trees and Shrubs of the Central Rocky Mountain Region". The author is a landscape architect and an instructor at the University of Denver. Because he has published the book himself Mr. Pesman has been able to introduce a number of innovations which are particularly suited to the subject.

The volume is a loose-leaf affair, paper covered, but it is a real book, not a brochure. There are five sections: Alpine, Subalpine, Montane, Foothills and Plains. Each zone is introduced to the reader with a page or two of illustrated, descriptive text. Then come the trees and shrubs of the zone, printed on green paper; and its red, white, blue and yellow flowers, each printed on paper of a corresponding color. A page of line drawings, blank on its reverse side for the student's memoranda, accompanies each flower section. The lists are arranged according to the blooming periods of the plants.

Seven hundred species are described in the book and there are 154 line drawings and 50 photographic studies by Robert C. Grout.

Vines, weeds and water plants have separate listings and there is an excellent bibliography of native plant literature, a glossary of Latin names and one of botanical terms. An exhaustive index further facilitates the volume's use as a field book.

Though it may not be practical for Easterners to visit the Rocky Mountains for pleasure in the near future, this reviewer for one, is going to have a copy of *Meet The Natives* on her shelf, awaiting the day when she can use it to full advantage during a Western trip. Meanwhile it will prove invaluable for reference.

Mr. Pesman has done a splendid job. Let us hope that more is to come, dealing with the same subject but covering a wider field.

ORNAMENTAL AMERICAN SHRUBS by William R. Van Dersal. *Illus.* 287 pages. Oxford University Press. New York City. \$4.00.

Here is a book which not only lists and identifies all important native American shrubs but which also gives the early plant history of our country. It tells the story of early native plants shipped to Europe where they received more appreciation and attention than they had here.

Mr. Van Dersal, biologist in the U. S. Department of Agriculture, has traveled through the country studying the use of native plant material in soil conservation. In this work he accumulated many notes, sketches and photographs which he has utilized in *Ornamental American Shrubs*. From much experience the author knows how well-suited our own shrubs are to our own country and he tells the reader why and where to use each plant described. One inter-

(Continued on page 73)

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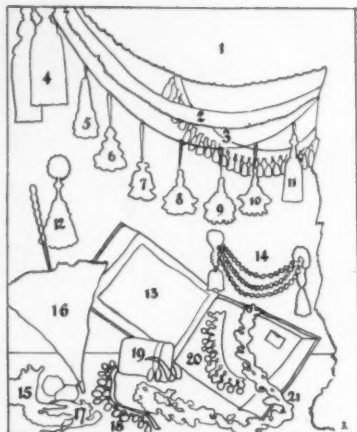
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KEY TO HISTORIC TRIMMINGS

(See page 29)



1. Deep silk fringe with knotted heading, Spain, 17th Century.
2. Silk fringe from France, about 1865.
3. Trellis-headed, silk-tasseled 17th Century fringe from Italy.
4. Red silk bullion style tassels, 19th Century, United States.
5. Rosettes of gold and silk threads on an 18th Century French tassel.
6. and 7. Elaborate double-skirted silk and gilt Italian tassels, 18th Century.
8. Multi-color tassel with covered head, France, 18th Century.
9. and 10. Two gilt and silk 18th Century Italian tassels.
11. Intricate spangled tassel from France, 18th Century.
12. Festoons of tiny tassels on a heavy bullion fringe tassel, 19th Century American.
13. One of the Museum's sample books of galloons, 16th to 19th Centuries.
14. Upholstery ornament from France or the United States, 19th Century.
15. Zigzag tasseled fringe from Italy, 17th Century.
16. American parasol with tassel trimming, about 1875.
17. Simple silk fringe, about 1865, France.
18. Looped fringe with wooden core tassels, United States, 19th Century.
19. Galloon- and tassel-trimmed card case, France, 18th Century.
20. Double ball-fringe, with simple heading, France, 18th Century.
21. Black and gold leaf shaped galloon with acorn tassels, probably France, 19th Century.

ODE ON NOVEMBER
HOUSE & GARDEN

WHO CARES

Where Dorothy Parker parks Parker, Whether blinds are light pink— or much darker?

Early American quaint Is just what she ain't; It's for 'pomes' and not homes, that we 'lark 'er.

by Frances Jensen, Great Falls, Montana, with apologies to D. P.

Three Generations
have asked for
Widmer's



*M*ORE than 50 years ago the Widmer name on a bottle of wine became a mark of excellence. The wines which today carry on the Widmer tradition are a product of the same priceless vineyards, the same spotless cellars and the same Widmer skill—for the founder's sons have matured in the business.

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NAPLES, N. Y.



\$18.50
Overall 33 x 36

Deautifully designed, with acanthus leaf motif, this mirror will add decorative charm and spaciousness to your home. Its burnished bronze frame is finished in the popular new Frost Tone that contrasts the deep shades of traditional furniture and blends harmoniously with the lighter woods of modern pieces. Write today for the name of our nearest dealer and our new brochure of many styles and patterns.

Donnelly-Kelley Glass Company
Holland, Michigan

THE MISSIONS OF SAN ANTONIO

(Continued from page 19)

Established at a time when Spain was seeking to hold Texas against the infiltration of the French from Louisiana, the Texas Missions performed a double purpose. The Franciscan Fathers sought to bring Christianity to the wild Indian tribes amongst which the Missions were built, and the Spanish Governors endeavored to hold the country by means of the garrisons which often accompanied the Fathers.

To serve this two-fold purpose the Missions often combined church and fortress (presidio). Where no garrison was provided the Fathers themselves were equipped with arms and their Missions built with enormously thick walls, sometimes up to five feet, with loopholes for cannon and guns, capable of withstanding a prolonged siege from hostile Indians.

Each Mission was a self-sustaining community. Within its walls were the church, cloisters, quarters for the friars and for the neophytes or converted Indians, granary, mill, water supply, and often farm land capable of supporting the entire population.

Five famous Missions

First Mission to be founded in San Antonio was San Antonio de Valero, later known as The Alamo, probably from the Spanish word for cottonwood tree with which it was surrounded. Little remains of it today except the chapel where the brave defenders commanded by William Barret Travis were all put to the sword by Santa Anna. Among them were David Crockett, famous frontiersman, and Colonel James Bowie, inventor of the bowie knife.

Next, in point of time, was San José which was founded in 1720 and was the largest and one of the most beautiful Missions in the region. It enclosed some six acres, including a flourishing farm, and has been painstakingly restored as a National Historical Site.

Its most notable feature is the exquisite carving of its façade, executed by Pedro Huizar who was sent to Texas for the purpose by the King of Spain. Legend has it that disappointment in love resulted in the artistry with which he carved the beautiful rose window shown on page 19.

It seems incredible that the vast dome of the San José chapel could have been built without the use of metal by the rude labor then available. This was accomplished by filling in between its walls with dirt as the work progressed, and finally shaping a curved top of dirt on which the stones for the dome were laid and mortared in place. Then the dirt was dug out from the inside and the interior was completed.

The reestablished Missions

In 1731 the inroads which the French from Louisiana were making in East Texas caused the removal and reestablishment near San Antonio of the three remaining Missions. These are San Francisco de la Espada, San Juan Capistrano, and La Purissima Concepción.

San Francisco de la Espada, which received its name because the bell tower is supposed to resemble the hilt of a sword, is only partially restored. Evidences of its original heavy fortifications remain and it is said to possess the only complete Mission fort or *baluarte* now in existence.

Near the chapel door stands a plain wooden cross. The story goes that it was being carried around the plaza during a drought while the congregation prayed for rain. A deluge fell, and the Father had the cross placed where all might see it and be reminded of the efficacy of prayer.

San Juan Capistrano is small and unpretentious but it is an excellent example of a typical Mission establishment. Parts of it have been restored and the frescoes which play such a large part in the decoration of the Missions are here abundant.

La Purissima Concepción, the best-preserved of all the Texas Missions, is particularly notable for its frescoes and for the painted bandings and scrolls on ceilings, chair rails and dados in soft reds, blues, and ochres. These colors are pulverized stone dyes which accounts for their survival.

Its chapel is particularly noted for its acoustics which have been compared with those of the Mormon Tabernacle in Salt Lake City. The pediment above its entrance is shown below.



ENTRANCE TO LA CONCEPCION

Latest Wayside News

Unusual Color
Hues Mark
THESE 2
EXCLUSIVE NEW ROSES



These 2 Roses were originated by America's foremost creator, and Wayside has been honored in being asked to introduce them. These are true leaders in color as well as habit of growth and fragrance. Then there's the startling news about the magnificent new Hemerocallis with flowers of unusual hues. (For further description see bottom of page.)

THE MEMORY ROSE *Pearl Harbor* (PATENTED)



Douglas MacArthur (PATENTED)
THE COMMANDER'S ROSE

This vigorous, very free-blooming hybrid tea rose, was chosen among the many new ones as a true leader.

The strong bushes send up numerous shoots of dark green healthy foliage.

A plant of tremendous vigor, unequalled by any other Hybrid Tea Rose we know of.

Truly named "Pearl Harbor" to commemorate and honor the brave quality of our fellow Americans who gave their lives that America might live on. The flowers are borne on vigorous canes, and the bud is exceptionally long and pointed.

Upper surface of petals delicate shade of shell pink, with golden bronze shadings at the base. Outside of petals vivid Tyrian rose.

And—besides all this beauty, here's a rose at last that is practically thornless.

Price \$1.50 each \$15 a dozen

The tulip shaped buds open slowly into glorious flowers of rose gold and salmon, exquisitely blended.

A royal tribute to the man for whom this rare rose is named.

Price \$1.50 each \$15 a dozen

Wayside's FAMOUS BOOK Catalog

Because of conditions we have only had a limited number printed, so be sure to get your name in early. More new Roses, Flowering Shrubs and Plants. Filled with rare and interesting items for your garden. All new flowers are shown in true life colors.

In order to be sure of this outstanding book, it is necessary that you enclose with your request 25 cents in coins or stamps to cover postage and handling cost of this fine, helpful and timely new book; especially prepared to fit the needs of these days and the gardens that go with them.



Hemerocallis
Surprising New Colors

This hybrid of Dr. Leonian's on which he crossed and recrossed numerous species of hybrids, has produced not only 1 interesting color—but many. So many in fact we are not trying to separate them, but sell them to you in units of 6 hybrid plants, 12 hybrid plants and 25 hybrid plants. What you receive will be entirely different in color from any you may have. They contain no yellows; are from 3 to 5 feet; stand on stalwart stems; and are in every shade from deepest burnt orange through flaming orange red into amazing tints of pastel old rose and maroon shades, all with a clean and pleasant fragrance.

Prices—6 plants \$3. 12 plants \$5. 25 plants \$10.



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Color is freely used to help you in making the finest selections of vegetables and flowers for your garden. Complete, accurate descriptions and useful suggestions make this catalog truly outstanding. But, above all, you will value this catalog because it is the only medium through which you may obtain HENDERSON'S SEEDS. We will serve you direct—our seeds are not for sale in the stores.

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NEW AND RECENT PERENNIALS

Fine American-bred varieties are available
despite the war, says F. F. Rockwell

THE number of really new perennials to be introduced this year is greatly reduced due to wartime conditions. This is also true of annuals, see page 66. This type of rationing, however, need mean little hardship.

So many excellent new perennials have been presented to American gardeners during the last few years that few of us have been able to keep up with the flood. A season or two of restricted lists may enable us to catch our breaths and bring our borders more nearly up-to-date.

One good thing about these newer perennials is that they are, for the most part, American born and bred. The shift from Europe to America in the development of new varieties of perennials has been an excellent thing for American gardens. We have a long way to go yet before all types of our "hardy" perennials are really hardy in our greatly varied and very trying climates, but we are making steady progress in that direction.

Our hybridizers however might well give more attention to this factor of hardiness. A plant that can be depended upon to "come through" and make a showing another year is more to be desired than one with a bigger flower or a new color.

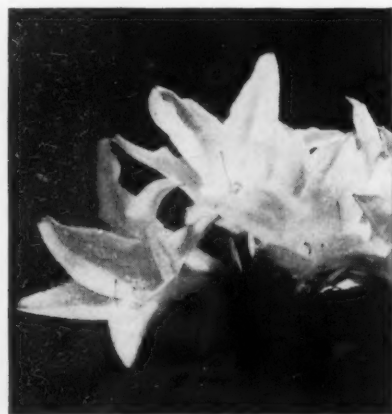
Before starting in with the new things, I want to put in a word about the flower we picked out as tops for last year, the dianthus hybrid Old Spice. In our own garden at GrayRock, in a much more extensive planting, it did equally well again this year. Furthermore, I doubt if I have ever had so many enthusiastic comments on any one flower that I have recommended as on Old Spice.

Late bloomers

Our plants, as this is written in early November, and after three hard frosts, are still putting out a generous supply of bloom, and they began in May. We noticed that plants from cuttings, made in the Fall and wintered-over in pots in a frame, gave earlier and stronger bloom than the original plants in the border, and suggest that anyone growing Old Spice try this method. (The cuttings root about as easily as crabgrass runners.)

So if you have not yet grown Old Spice, our recommendation is that you place it at the top of your list for new perennials to plant this Spring, even though it's a last year's introduction.

Will white be a popular color in this year's gardens? I know one psychologist who thinks so. At any rate, the



Amarcrinum

The finest new bulb hybrid to appear in recent years. The Amarcrinum, a cross between *Amaryllis Belladonna* and *Crinum Moorie*, has the appearance of a mammoth *amaryllis*, but its color is an even frosty pink. Great trusses are borne proudly aloft on four-foot stems—indeed, so worthy is this American creation that it won the coveted Cory Cup of the Royal Horticulture Society of Great Britain. Unexcelled for a rare and unusual garden effect, and stunning as a novel house plant.

Jumbo bulbs; each \$2.50

New 1943 Catalog

Send for FLOWERFIELD'S NEW CATALOG with complete listings of the finest and most select bulbs, plants, flower and vegetable seeds. New garden ideas, color illustrations, helpful information on easy gardening. Enclose 10c to cover handling and postage.

FOR SPRING PLANTING
ADD "SPICE" TO YOUR GARDEN
WITH NEW BULBS, SEEDS AND PLANTS



Dimorphotheca, Double Hybrids

Novel and piquant, a new double strain of the African Daisy. Mixture is made up of colors ranging from deep salmon orange to white, including lemon and biscuit shades. Individual flowers have crested centers and measure two inches across. Low growing and spreading, these annuals are ideal for edging and foreground plantings. Easily grown from seed and will provide masses of gay flowers all summer.

35c per packet of seeds.

flowerfield

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Tree Peony, La Lorraine

Few plants equal the magnificent display of a well established tree peony. A shrub-like plant that reaches 5 feet in height. Particularly admired are the yellow hybrids, a color not found in the herbaceous peonies. *La Lorraine* bears soft yellow flowers faintly edged with apricot. As the bloom unfolds, the yellow strengthens and brightens, until the plant fairly dominates the garden. Plants are all field grown, 3-year-old or more. Shipped with a heavy ball of peat and earth, ready for planting in your garden.

\$8.50 per plant

Iris Kaempferi

Flowerfield has long been known as the leading supplier and hybridizer of the rare and beautiful *Iris Kaempferi*. For the benefit of the collector or the beginner who is interested in these gorgeous plants, we recommend our Spring Catalog, now ready for distribution.

use of white is one of the most effective, and the most neglected, means of getting pleasing effects in the garden or the home landscape.

Two striking new white perennials are Rudbeckia White Lustre, and Buddleia White Bouquet. Both are rather dramatic, because this color (or as the purists would have it, absence of color) is so unexpected in either of these species.

Attractive whites

Rudbeckia White Lustre is a white petaled form of the popular coneflower, but the cone itself is a golden mahogany. The effect is unusual, almost startling, but surprisingly pleasing in the mass; and the individual flowers, as can well be imagined, lend a new note in an arrangement or bouquet. The foliage is an attractive dark green and the vigorous plants are compact-growing, about two and a half feet high.

Buddleia White Bouquet, which was presented last year but is still little known, was obtained from a sport of the well-liked Ile de France, and is fully as hardy as any of the popular members of this rapidly growing family. It grows to about six feet, and the well-filled-out flower spikes vary in length from eight inches to a foot, depending upon climate and conditions.

The bottom flowers remain unfaded until the spike is fully open and are most attractive on the bush or when cut. In fragrance it is on a par with other varieties. One of the great advantages of this new buddleia is its usefulness as a face-lifter in the shrubby border, to break the monotony of green,

after the Spring-flowering shrubs have spent their beauty.

Speaking of whites, there is a most charming little early-flowering phlox, a pure white form of lovely pale blue P. divaricata, called Snowflakes, that is known to few. It is a robust grower and, like divaricata, merits a place in every garden. Make a note of it, and I am sure you will thank me for the introduction when you have tried it.

Snowbank is a new single Shasta daisy, with four inch blooms produced in great profusion in early Summer, and again in Autumn. It, too, will add to your succession of white bloom.

For a strong accent of white in the early Summer, you will want the Percival Series of delphinium, white with black bees. This stately member of the famous Pacific Strain family, is a fitting companion for such former introductions as the Idylls of the King group or the beautiful light Blue Bird and darker Bluejay Series.

Still more 'mums

Judging by the number introduced, the hardy chrysanthemum still leads public interest among the perennials. They certainly are making up for the years, decades really, during which practically no attention whatsoever was paid them. The new types ushered in with the Korean Hybrids, from the skillful hands of Alex Cumming and Eugene Michell, have given an additional month of beauty to hundreds of thousands of American gardens.

Perhaps the most outstanding of the new 'mums for 1942 is Summer Gold, (Continued on page 70)

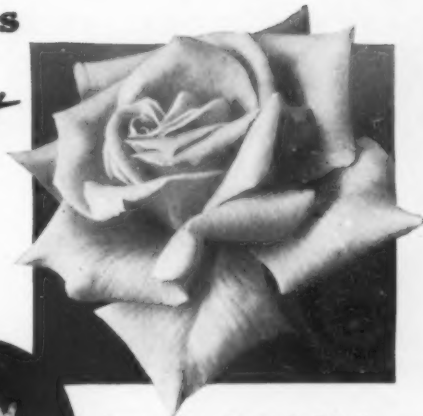
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Mary Margaret McBride

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Lovely Coral-Pink

A new triumph in floral grace, praised for its perfect form. A beautiful exhibition Hybrid Tea, large, long-lasting, always high-centered, clear deep coral-pink suffused with gold at base. Exquisite, pointed, deep pink buds. **Everblooming** — the vigorous, hardy, 30-in. plants bloom abundantly, 2-yr. field-grown plants, guaranteed: **\$1.50** each; **3 for \$3.75**; **12 for \$15.**, postpaid at planting time.

J. & P. "Guide to Successful Rose Gardening" free with your order

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In natural color, direct from the Rose Capital of America, the pictures and descriptions of the new 1943 Roses and all the favorites in the Parade of Modern Roses... Mary Margaret McBride, Sonata, Mandalay, the captivating salmon-pink Pinocchio, everblooming Climbing Roses, etc. Also the amazing J. & P. White Butterfly Bush, Modern Perennials, J. & P. Dwarf Apple Trees that will bear next year, and other fruits for your Victory Garden. *Send postcard or letter today.*



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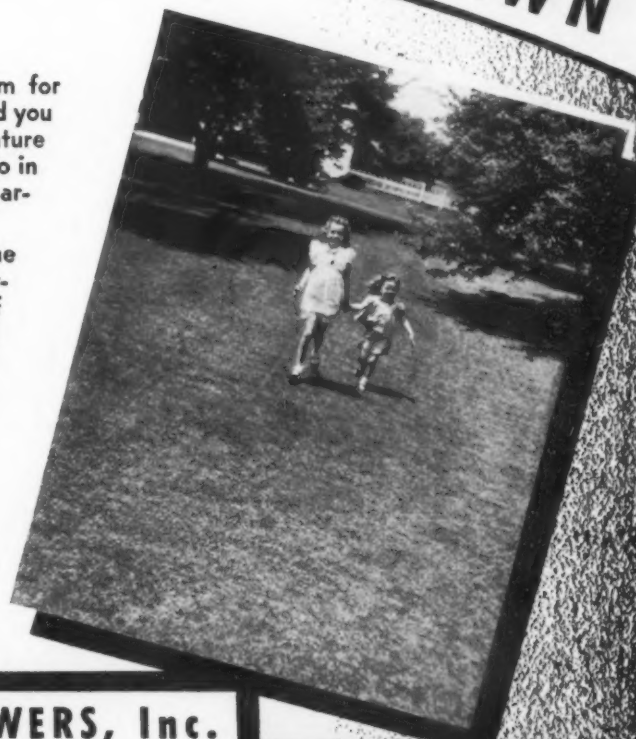
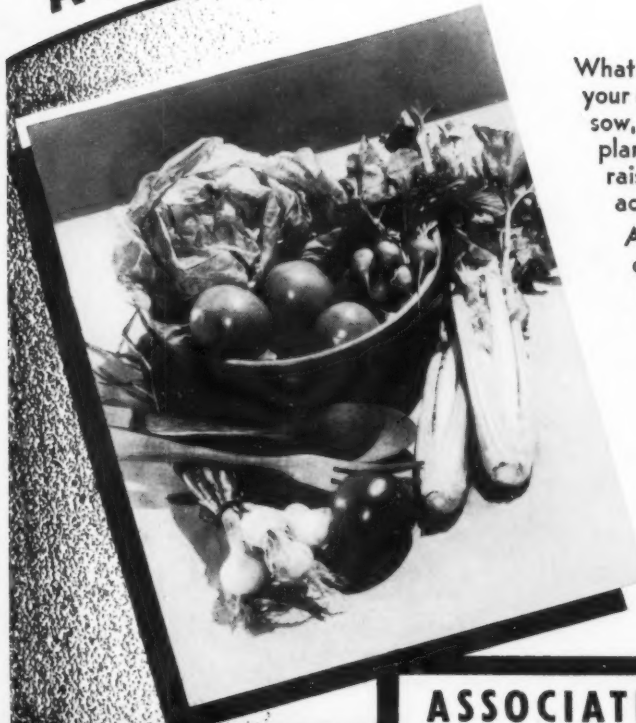
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for Distinctive Gardens.



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POPPY—Oriental Salmon Shades—a brand new perennial poppy introduced by Ferry's this year. Blossoms are huge—and their beauty accentuated by dramatic black markings at the base of each bloom. By growing these from seed you will obtain some lovely variations in salmon colorings.

COLUMBINE—Imperial Long-Spurred Hybrids . . . an especially choice strain developed by Ferry's flower experts. Spurs are considerably longer than in ordinary strains. The wide range of colors includes delightful variations of blue, coral, yellow, purple and white.

These are but two outstanding strains included in over 700 Ferry's flower varieties available through your local Ferry's dealer. He will get for you quickly any varieties not in his stock.

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For a better garden, get Ferry's Victory Garden Plan. Contains folding, pocket-size see-at-a-glance chart in four colors. Tells how, when, what to plant. Ask your Ferry's seed dealer for FREE copy, or write directly to us. Dept. H-G 1.

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A California Corner for your Spring Garden

Exquisite blossoms are yours in our unusual "CALIFORNIA GLORY" Flower Seed Collection. Brilliant Colors! Amazing growing strength!

Ten Large Pkts. of Aster, Zinnia, Marigold, Nasturtium, Lobelia, Petunia, Phlox, Cosmos and California Poppy and Gourd!

10 Pkts., Reg. \$1.25 - SPECIAL . . . **\$1**

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Burpee's GIANT Sweet Peas

6 FAVORITE COLORS 6 PACKETS 25¢

Postpaid

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Giant Ruffled Sweet Peas
Largest and most exquisite, created by Burpee. 12 choice colors, a Packet of each color (value \$1.85) \$1
all 12 Pkts. postpaid... \$1

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Azaleamum 600 BLOOMS

NEXT YEAR—1500 2ND YEAR
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FLOWER GARDEN NOVELTY!

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URNS WITH

Let your holiday toast be a gallant "To Victory!"

—your champagne, one of America's best

THE chances are that you'll be celebrating the holidays at home—perhaps you'll serve a gala dinner with American still wines; perhaps you'll make merry at midnight with the gaiety of champagne. Like André Simon, who called champagne "the most charming and most fascinating of wines", you may choose it for its festive headiness, its lighthearted effervescence.

Now is the time to explore America's own champagnes. Among them you will find many that are creditable, some that create a new high standard of excellence for domestic brands. Remember that champagne should be dry or sweet, never "cidery" or sharp. Good champagne has a crisp bouquet, tastes "clean".

Herewith are five suggestions for serving wine, still or sparkling, at your holiday parties; among them gay variations, like bringing forth champagne old-fashioneded with a midnight spread, lavish-looking champagne peach cup for a special toast.



For auld lang syne

Champagne bubbling up in hollow-stemmed glasses, the fragrant aroma of pine and lighted candles bring back sentimental memories of years past. Let your champagne be Vintner's Brut, Great Western's extra dry, or a kingly magnum of Lehman's Sovereign. The gold-rimmed glasses, sterling silver tray, Saks-5th Ave.



Peach extravaganza

For a super-special celebration, consider champagne peach cup. A brandy-dipped whole peach in the bottom of each jumbo glass is only fixing; the result is anyone's idea of nectar. Champagnes: Taylor's New York State, Cribari's San Benito, Putnam's Golden Age (in cooler). Glasses, Plummer; cooler, Di Salvo.

A CORKSCREW



Twelfth Night wassail

Dismantling the Christmas tree marks the end of the holiday season. Celebrate the occasion in good old-fashioned style; put away the gaudy Christmas trappings to the sound of popping champagne corks. Left to right: Paul Masson champagne, Korbelt Brut, Cook's Imperial, Almaden's extra dry. Tulip glasses, Macy.



Midnight mixings

For a cold Winter's night, piping hot venison stew, and a gay champagne old-fashioned (ingredients are a lump of sugar, dash of Angostura bitters, sliced fruit, a cherry, champagne). In bell-bedecked bottles are Widmer's, Fountaingrove, and Urbana Gold Seal champagnes. Sandwiches, Nata Lee; tureen, J. Amster.



New Year's trencher

Serve forth your gayest holiday dinners accompanied by one of your country's own wines. Native to America as turkey are these Cresta Blanca ones, grown on California's sunny slopes. For an unusual main dish, Pinesbridge Farm's smoked turkey served hot; Vendôme. Glasses, Steuben. Corkscrew, Saks-5th Ave.

For Your **V**ICTORY GARDEN

Grow "Earligold"
HYBRID SWEET CORN



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VEGETABLE SEED CATALOG



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A FEW "FINDS"
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Cangreen—the bush lima bean that won the "All-America Selections Honorable Mention 1943." Stays green when canned.

Yankee Hybrid Squash—gives double ordinary yield in early season.

Blue Hubbard (Very Special SQUASH)—the true strain of the New England favorite.

Special Danvers Carrot—has absolutely no core. It is long, slim and smooth.

Woodruff's Beauty Radish—Exceptionally fancy strain of Scarlet Globe type.

The catalog allows you to select early and late varieties that you may enjoy fresh vegetables all season. Grow vegetables for Victory!

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Magnolia Niger

HARDY PHLOX
Ten Newest Varieties
Large Flowering Type
Ten distinct colors, each different. Make your summer and fall garden a mass of color by planting Hardy Phlox. These plants will bloom this summer. **A \$1.50 value.**
10 for only \$1 postpaid.



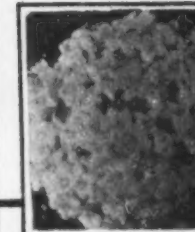
Hardy Phlox



Vib. Burkwoodi

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"Soulangeana Niger," best of the red flowering magnolias. Blooms dark red outside, creamy usual lawn by planting one of these. **Heavy Rooted**, 18 to 24 inch size; \$2.00 ea. Postpaid.

GARDENIA SCENTED WONDER SHRUB
Viburnum Burkwoodi—New and beautiful. Real scent of Gardenias, when in bloom. Hardy and rather dwarf in size. Be sure to add this shrub. 12 to 15 inch plants; \$1 ea. postpaid.



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CUSHION 'MUMS
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ALL 5 FOR 10¢

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Announcing New Bush Petunia

Developed on Burpee's Floradale Farms in California, new for 1943, named Eleanor. A new kind of plant in the Petunia world! So thickly branched the stems stand up erectly like a bush, growing 2 1/2 ft. tall. The large 3-in. fragrant, wide-open hybrida flowers are light rosy mauve veined carmine-crimson in throat. 300 seeds.

Burpee's Giant Fiesta Gaillardia

Striking, bi-colored, fully double flowers 2 1/2 to 3 in. across; long, wiry stems, fine for bouquets. Brilliant smoky red petals, tipped with bright yellow. 2 1/2-ft. plants withstand drought and heat, bloom profusely all summer and fall. 50 seeds.

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All created by Burpee. Large, graceful, double flowers—a glowing array of deep orange, golden orange, golden yellow, canary yellow and primrose—all colors mixed. Very easy to grow. 2-ft. plants. 50 seeds.

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Unique, chrysanthemum-like; shaggy petals. Immense, over 5 in. across. Rare new shades of apricot, cream, buff, salmon, peach, rose, etc.; some 2-tone and 3-tone. 3 ft. tall. 35 seeds.

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All 5 Packets for 10¢!

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AMONG THE NEWER ANNUALS

F. F. Rockwell reports on the new flowers available for the first time this year

NINETEEN forty-three will be a vegetable year. With our Uncle Samuel urging every one of us to produce every pound, quart and can of vegetables possible this Summer, no one with suitable ground is going to fail to have the biggest and best Victory Garden that he or she can possibly swing.

Nevertheless we shall want flowers. We will need flowers, for they will count for more in our lives than ever before. And no flowers, as a group, are more easily grown or give more for the space they occupy, than the good old reliable annuals. Hence interest in the newer annuals—those that are brand-new, being offered for the first time this Spring, and those of recent introduction that have stood the final test of making good in the gardens of American amateurs—is as lively as ever.

Trial by jury

As usual, since the inauguration of the All-America Selections Committee, those which have been considered good enough to win the Committee's awards or commendations, merit top-of-the-list notice. The Jury which does the selecting, from new varieties submitted to them from growers and hybridizers, is composed of a score of good men and true who have spent most of their lives handling and studying flowers, and they have had the opportunity to observe these newcomers in trial grounds scattered pretty well all over the country. So the flowers that run the gauntlet successfully are pretty sure to be good ones in your garden.

It has been the writer's privilege this season not only to grow in his own garden here at GrayRock most of the novelties tested in the All-America trials, but also to view them in several different official test grounds throughout the East. And here is his report.

There was no flower in this year's trials remarkably outstanding, nothing to measure up, for instance, to some of those top-notchers we have had in other years, such as Marigold Yellow Supreme and Cosmos Orange Flare.

However there are many of genuine merit, and it must be kept in mind that

the judges, during the last couple of years, have got tough. Nowadays a novelty, to get a gold medal, has to be something that is really different and really outstanding.

All-America Awards

Topping the list is a hold-over from last year, petunia, America Alldouble (to be introduced for the first time this Spring). Seventeen judges gave it a total of 111 points, a score higher than any entry in the 1942 trials received. We think it well deserved its Silver Medal.

In our own garden it was extremely satisfactory, first because it is really "all-double"; second, because it is practically 100% uniform in growth and in flower, and, third, because we found it so useful and attractive as a flower for cutting. It will almost "arrange" itself, and remains in good condition for a long time. Another point in its favor is its long and even flowering period.

The flowers look not unlike garden carnations. The color is rather hard to describe, a sort of pyrethrum rose pink which is not the most attractive hue in the world but still very pleasing. The interesting thing about this new all-double petunia is that it is the first of its type to be developed in America, and gives promise of a new race which, as other colors are developed, should be a really valuable addition to our easily-grown garden annuals.

A long-flowering marigold

Marigold Sunkist, scoring 98 points, was the only other Silver Medal winner in this year's trials. It is an orange colored sport of last year's Bronze Medal winner, Butterball, and like the latter of neat, compact dwarf growth, flowering early and continuing steadily until frost.

With us the flowers averaged considerably larger than Butterball and we liked them better for cutting. Being another addition to the prolific dwarf double French Harmony family, Sunkist is excellent for bedding where a solid mass of color is wanted, for edging, and as a florists' pot plant.

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The only Bronze Medal winner this year was Petunia Igloo. It came within two points of getting a Silver Medal. We were delighted with this petunia when we saw it growing in the introducers' fields a year ago. To appreciate it fully it must be seen in a considerable mass. The individual flowers are very small and simply formed but the plants (of hybrida nana compacta type) are extremely uniform and almost unbelievably free blooming.

The plants, which average something over a foot tall, are covered for weeks on end with inch and a half creamy white single flowers enlivened by yellowish throats. It is not a petunia to be planted in small quantities but excellent where a mass effect of white is wanted in the large border or landscape scheme.

Honorable mentions

Another petunia, English Violet, won the first Honorable Mention, missing a Bronze Medal by just one point. In size of plant and type of flower it is similar to the popular Blue Bedder but the color is a deeper purplish violet.

We did not find it very satisfactory for cutting despite its attractive color because the individual flowers tend to roll back at the edges almost as soon as they open. For an unusual mass color effect however it is very serviceable and in our garden attracted much favorable comment.

The next Honorable Mention goes to Giant Sensation Cosmos Dazzler. It seems to us unfortunate that this fine cosmos could not have been made more uniform before being introduced. The immense flowers, up to four inches across, are unusually dark crimson and the rugged growing plants begin blooming early and produce freely until the plants mature at an average height of from five to six feet.

It is still blooming freely in our garden as this is written early in November. The individual flowers, the petal tips of which are slightly lacinated, are particularly lovely in bouquets or arrangements.

China asters this year have made something of a comeback, carrying off two Honorable Mentions. The first goes to a new strain of extra early Giants of California called Victory Giants, mixed. These were developed in France but have been grown over here for several years. While the new strain is not

wilt-resistant, it showed up very well in most of the trial gardens where we saw it. In our own garden the wilt got a good many of the plants.

In habit this mixture is of stocky branching growth, attaining a height of about three feet, with excellent stems for cutting on the individual flowers. The colors in the mixture are particularly pleasing and well balanced, including a salmon pink not present in the California strain. The flowers are four to five inches across and very attractive for cutting.

The other aster is extra early Giant Crego Navy Blue, distinct both in foliage and in color, being almost a blue-black. It is surprisingly early and very uniform. While it is not listed as wilt-resistant, with us the plants stood up well, only a very small percentage dropping out with this disease which has long been the scourge of aster growers in many sections.

In addition to its unusual color, the informal curled and twisted petals make it a desirable flower for cutting, especially as the foliage is so much more attractive than that of most early asters. In fact it seemed to us that both Navy Blue and the Victory Giants deserved a somewhat higher rating than they got. Their scores were undoubtedly pulled down by the fact that early asters in general are not good subjects for the South, this being particularly true when they are not wilt-resistant.

Runners-up

Among the runners-up in the All-America Trials were a new deep rose-colored petunia, similar to Rosy Morn, named Brilliant Rose (which will not be introduced this year); marigold Honeycomb, a compact, dwarf, deep orange, quite distinct in habit and in its flowers which are so formed as to suggest the name. Unlike most of the dwarf marigolds it grows a little over a foot tall. Because of the branching habit of the plant this variety produces fairly long stems for cutting. Although it did not score in the A.A. trials, we predict it will be further heard from. It belongs to the odorless foliage tribe.

Viola Blue Elf we found very charming; it staged a comeback and is still blooming cheerily for us atop a rock wall and seems to be 100% true but not particularly distinctive in size or coloring. A new patriotic morning glory, Columbia, which with some stretch of

(Continued on next page)

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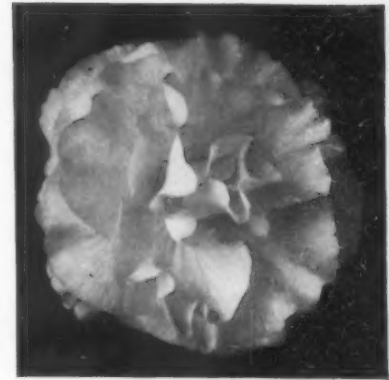
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50 P Church St., New York, N. Y.

AMONG THE NEWER ANNUALS

(Continued from page 67)

the imagination can be described as red, white and blue, attracted a great deal of attention in the trials but did not get many votes.

Before passing on to some of the lesser lights among this Spring's new flowers, I want to take a few moments to emphasize again the good qualities of just a few recent introductions which may have escaped the reader's notice.

Because they have brought back to many gardens a flower beloved of all but abandoned as "hopeless" because of repeated failures I would place first and foremost among these the so-called Spring-flowering type of sweet peas. This is an unfortunate misnomer so far as the amateur is concerned since it refers to their season of bloom when grown commercially under glass. In the garden they bloom through the Summer, long after other types have ceased to flower.

A free-blooming variety

For four consecutive years now, in our own garden, they have come through with a fine crop of flowers lasting through July and occasionally into September.

While the flowers are not so large as those of the modern Spencers they are fragrant, the stems are straight and strong, and the color range, in a dozen or more named varieties leaves little to be desired. Day after day, from a few packets of seed, we picked bouquets like that shown in color on page 30.

For Winter-flowering in the South *Top Sergeant* is a new blood red early flowering sweet pea with distinctive, very deep coloring.

Three new cosmos which made an extra fine showing again in our garden this year, are the double and crested type White Cloud, and Pink Lady, and Yellow Flare (Burpee's Yellow). The former two are supposed to come 65% double. They did not reach this percentage with us. Nevertheless the variety in flower forms lent added interest and all were beautiful.

These are certainly top-notchers for flower arrangements and bouquets and the season of bloom is unusually long. Yellow Flare (a Silver Medal winner last year) is particularly valuable because its color blends harmoniously with other flowers both in the garden and when cut, a striking contrast to the harsh orange of older varieties.

The Big Three in 1943

The Big Three, petunias, marigolds and zinnias, again, as usual, lead the field so far as the number of new introductions is concerned.

The petunia which I personally like best of all the new ones which I grew or saw this year is in color somewhat similar to Salmon Supreme but much more intense and brilliant and with more interestingly formed individual flowers. Unfortunately it will not be introduced until next year and it has not yet been named, but it is something to look forward to.

Three other petunias won honors in this year's All-America Trials and have

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already been described. Another one which we liked immensely is Eleanor. In appearance and markings the individual flowers are something like Strawberry Festival, but wider opening and richer in coloring. In habit of growth it is quite distinct, densely branching with stems that stand up well attaining a height of two feet or more, thus making possible its use in the garden where most other petunias would be too low and spreading. It is particularly charming as a cut flower.

Flower lovers who attended the New York, Philadelphia or Boston Victory Garden Harvest Shows will need no introduction to Mayling (marigold), named, by permission, in honor of Madame Chiang Kai-Shek. Despite the flood of marigolds which has deluged American gardeners during the past few years, here is one more which is worthy of a trial in every garden.

An outstanding marigold

This is true, first, because of its wonderful light primrose yellow color; second, because of the informal, almost frilled carnation-like formation of the blooms; and third, because of the fine cutting stems produced by the upright branching plants which attain a height of about two feet. Mayling belongs to the group of marigolds with odorless foliage, an advantage for cutting but an added temptation to Japanese beetles.

The really dwarf marigolds seem to be growing in favor yearly. What the hybridizers have accomplished in bringing these plants not only close down to the ground but in taming them into compact, dense and uniform growth, is truly remarkable. Not content with this, the plant wizards are now putting full-sized flowers back on the miniature plants!

Cupid Marigold, for instance, which forms a dense plant looking something like a sheared dwarf box and growing only 6 to 8 inches high, bears bright yellow chrysanthemum-like flowers reaching a diameter of 2 to 2½ inches, genuine Africans in type despite the dwarf growth of the plant.

The result is not a bit grotesque, as one might imagine, but very pleasing, indeed carrying a touch of humor. These little plants make a wonderful low border or edging and something very unusual as a pot plant. Though cupid has odorless foliage, in our garden the beetles did not bother it at all.

Two other midgets among the marigolds are dwarf Coronet Improved, with small scabiosa-type flowers of gold and mahogany, extremely early; and dwarf Treasure, quite similar except that the flowers are pure golden orange. These reach a height of about 9 inches and are extremely floriferous right up to the first hard frost.

A few more zinnias

Outstanding among the new zinnias this year is a new selection in the Fantasy group called Melody. This seems to be extremely well fixed, the flowers coming almost 100%. The selected color is a very peculiar orchid-lavender which in our garden attracted everyone's attention and enthusiastic comment. It certainly is a knockout for cutting. The occasional white flowers which appeared seemed to add to the attractiveness of the planting. Gold Dust, a light golden orange, and Pink (Continued on next page)

AMONG THE NEWER ANNUALS

(Continued from page 68)

Frills, a pastel pink, are also very attractive but not nearly so unusual and striking as Melody.

Dainty Gem bears very bright little pompon blooms, less than an inch and a half in diameter, of bright rose, somewhat deeper in the center. The bushy one-and-a-half foot plants make a wonderful showing in the border and provide a wealth of material for cutting.

Sunshine Tints, in the Pumila type, grows taller, 2 to 2½ feet, with blooms up to 3 inches in diameter on nice long cutting stems and in a real symphony of autumnal colors. It is extremely early and lasts well to the end of the season.

Super Crown O' Gold, Pastel Tints, while not brand new, should certainly be put on your list if you have never tried it. The same is true of those big shaggy giants, the David Burpee Zinnias, which we still count on as the most strikingly colorful of all late summer blooms for a big arrangement in a large room.

A few others

A new phlox drummondii which did well for us despite a very wet season was the gigantea type Salmon Glory. The very large florets are of a soft chamois-salmon with cream centers. This color blends well with all pinks, whites, blues and other delicate shades. Verbena New Shade, a brilliant rosy red, we did not like as well as last year's Spitfire. Annapolis Blue drew much favorable comment for its deep rich coloring and neat growing habit. Like Spitfire, it is a year old.

An unusual calendula with a daintily quilled center was among the A.A. Trials and though it did not receive any recognition by the judges we found it a pleasing innovation. The color is a golden yellow.

There are three new larkspurs which deserve mention: Imperial Rose King, a new named variety of the stock-flowered strain with fully double florets 2¼ inches in diameter on 28 inch cutting spikes; Giant Imperial Ruby, also a double of brilliant ruby red, early and especially recommended for northern gardens; and Rose Pink, desirable in color and growing habit.

THREE VARIATIONS ON TEXAS THEME

(See page 21)

1. Modern living room, with Indian accessories and Southwestern plants. Wallpaper, Imperial's bold all-over leaf pattern. Floor covering, sculptured broadloom from Cochrane. Draperies, hand-woven fringed panels by Liebes at W. & J. Sloane. Furniture, Widdicomb's sectional, stackable Modern units from B. Altman. Desk chair and lounge chair, Artek Pascoe.

Accessories: pottery lamp, \$35, Georg Jensen. Taluca Indian basket, \$1.95, L. Bamberger, Newark, N. J. Leather and

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twine cigaret box, \$9, and matching lighter, \$6, both Carole Stupell. San Ildefonso black bowl, \$3, Santa Clara pottery horse, \$6.50, collection of Mexican stone gods, all Fred Leighton.

2. Provincial dining room. Walls, rough plaster finish. Floorcovering, cowhide rug from Mottahedah. Furniture, British Oak table, chairs and wall bracket, Jamestown Lounge Co. Antique Spanish cupboard, A. L. Diamant.

Decorative accessories: red leather covered chest, \$75, W. & J. Sloane. Handcarved wooden madonna, \$12, and earthenware 3-piece hearth cooking set, \$6, Fred Leighton. Barbecue broiler and fork, \$1.60, set, Hammacher-Schlemmer. Hearth broom, \$1.25, B. Altman.

Table-setting: Modern Russel Wright pottery in Western colors, dinner plates 60c each, other prices in proportion and United States Glass goblets, \$1.49 ea., R. H. Macy. Hopi design luncheon set, \$2.50, The Cellar, Kansas City, Mo. Blue glass water pitcher, \$5, Fred Leighton. Sterling silver from Gorham.

3. Spanish Colonial bedroom. Walls, two tones of gray-green paint. Floorcovering, Desert Chenille rug. Klearflax Linen Looms. Bedspread, horizontal striped "Arabanne" twill, Shulman-Abrash. Furniture: painted Mexican bedroom pieces, Fred Leighton. Antique Spanish commode, Reyes Galleries.

Accessories: framed Mexican costume prints, \$15 ea., F.A.R. Galleries. Antique Spanish brass oil lamp, Reyes Galleries. All other accessories, Fred Leighton.

RANCHING IN TEXAS

(See page 17)

Further information on goat and sheep industry pictures on pages 16 and 17:

Stacking mohair in Inguenhuett & Montague warehouse, in Comfort; grading mohair in same warehouse. Mohair kids grouped around one of the boxes in which they live for their first two weeks of life on the John Ward ranch just outside of Sonora. Another kid nursing.

Day old lamb on the road to Sonora. Two views of sheep shearing at Standard Ranch, near Pinto Creek, owned by C. B. Wardlow.

Buyers sampling wool at warehouse in Sonora: Mr. Vestel Ashew, Executive Secretary and Treasurer of Texas Sheep and Goat Raising Association, wearing suit typical of the country. One trouser leg or both may be tucked into boot leg, depending upon how many head of livestock a man owns. In the background, Mr. R. Beal Pumphrey, representative of Union Stock Yards, San Antonio, and Mr. George D. Chalk, Assistant Manager of Sonora Mohair Company.

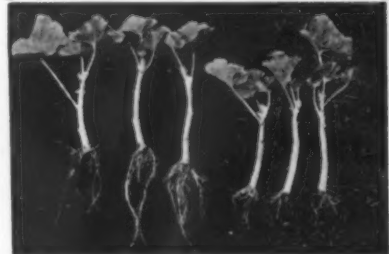
Large picture, sheep coming in from pasture at Diamond Bar Ranch owned by Mr. Hal Peterson near Sonora.

How to Use

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Reg. U. S. Pat. Off.

The Plant Hormone Powder ON CUTTINGS AND SEEDS

Take cuttings from new wood of the current season's growth. Use tip (stem) cuttings 2 to 6 inches long, depending on size of plant. Dip the base of cutting about 1 inch in



Geranium cuttings treated and untreated

ROOTONE powder. Tap off the excess powder and bury the cutting half its length in the bed. Seeds should be dusted with the powder and then planted.

WHAT TO EXPECT

This treatment makes cuttings root faster and produce stronger plants. Many cuttings that ordinarily fail will root and develop healthy plants when so treated.

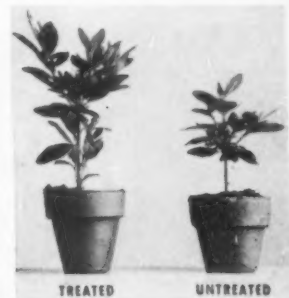
¼ oz. pkt. 25c 2 oz. jar \$1.00
1 lb. can \$5.00

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ON SEEDLINGS, PLANTS AND TREES

This active soluble powder contains naphthyl acetamide—the newest and most avidly active plant hormone—together with important plant vitamins. Water all your seedlings, shrubs and trees with



TREATED UNTREATED

TRANSPLANTONE solution to start them off right.

WHAT TO EXPECT

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Name _____

Address _____

NEW AND RECENT PERENNIALS

(Continued from page 63)

of the Amelia or Azaleamum type, but with considerably larger flowers, up to three inches in diameter. It really marks a new type of large-flowered cushion 'mum which should prove immensely popular, especially in the north, as it is in full bloom by September. In color Summer Gold is most attractive, and the blooms are much better for cutting than those of the older cushion 'mums.

Summer Gold was developed by H. R. Mosnat, whose Dean Kay created quite a sensation. Canary Dean Kay, a sport, is a very pleasing color, but in our garden did not seem as good a grower. However, the Summer of 1942 was a very hard one on 'mums.

Extremely hardy 'mums

The University of Chicago group, developed by Dr. E. V. Kräus, proved very satisfactory with us. First to show color was an exquisite, large-flowered creamy white and this was followed by double yellow William Longland and a later deep crimson which were outstanding in the collection of seven varieties which came to us under number just a year ago. This group, developed especially for extreme hardiness, will be more generally available this Spring.

Marjorie Mills is a "star" for 1943. This fine 'mum of medium height, is literally covered in early October with double, perfectly formed crimson blossoms three inches or more in diameter. Bloom continues until hard frost.

This variety was named for the popular New England radio personality on the occasion of a Victory Harvest Show at Bristol Nurseries on October 11th. Miss Mills was present for "christening".

An unusual hybrid

There are two other new varieties in the Cushion class to which Marjorie Mills belongs. One is Bronze-Gold, a flower of loose, informal habit on plants growing about two feet high and of equal breadth. The other, Lavender Lassie, is of the same color as beautiful Lavender Lady, but in a pompon form on a plant of cushion-like habit and growth. The plants are broader than they are tall, and the flowers about two inches in diameter. It is a late September bloomer.

Rembrandt and Ruby Pompon are the two new Pompons offered this year. The first shows an unusual blending of strawberry red, copper, and rosy mauve. Ruby is a real crimson, very full-flowered on bushy, two and one-half foot plants.

Another new mum featured for 1943 is Red Velvet, which is a cross between stately Mr. Pierre S. duPont III and Caliph. The plants grow to two feet and the medium-sized flowers, carried erect like those of its mother are beautifully formed and of a very dark crimson, even when fully open. In fact the full blown blossoms are even darker than the buds. It blooms early in October.

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perennials to save the hardy border by consistent bloom year after year. Among these standbys, none is more faithful than hemerocallis.

A new strain of Leonian hybrids offered for the first time in 1943 is remarkable in many respects. Dr. Leon H. Leonian has turned his breeding genius to this hardy and hard-blooming tribe with consistently worthwhile results, as we realized when we saw his seedlings blooming in early July in the fields at Mentor, Ohio.

New hemerocallis

The plants are being offered, unnamed, in groups of six, twelve or twenty-five hybrid plants. There are no yellows, the colors ranging from orange through the orange reds to old rose and deep maroon. From this new strain should come some outstanding named varieties. Get in on the ground floor. You may purchase an obscure seedling which is destined to become the outstanding novelty of tomorrow.

Another border favorite is the tritoma. Skillful hybridizers have lengthened the blooming period and color range of the red hot poker in much the same way that they have improved the daylily.

White Fairy and Vanilla (pale yellow) are two small varieties which can go into the middle border. They are June bloomers. Coral Sea is taller and a little later in coming into blossom, a richly colored but gracefully formed variety with a timely name. Maid of Orleans (cream and yellow) is still taller and blooms through July and early August. All these tritomas are hardy with slight Winter protection and all are fine for cutting.

For modern arrangements

The tritoma is a "natural" for modern arrangements. Lovely as these newcomers are, I still find Springtime the finest of them all. Be sure to place it at the top of your list if you didn't get it when it was introduced last year.

For violet tones in the perennial "color wheel" try Phlox Fair King, a disease-resistant, handsome fellow growing two feet tall and bearing large rounded heads made up of finely formed, soft lavender florets; and Aster Nova belgi Violetta. This plant has been in our garden for two years and created a sensation each time it came into bloom.

We are glad it is now offered to the public for it is a glorious color, very free flowering, not too tall and, in our opinion, sure to find an honored place among the improved modern hardy asters. It is less rampant-growing than Survivor, last year's pink sensation which has taken on such proportions this year with us that it is a menace to all the flowers near it.

In the Spring it will be moved to the extreme back of the border in a sunny spot where its cascades of pink bloom will be in full view but where it cannot smother its neighbors.

Bright Eyes is a new red phlox which I have not seen as yet, descended from large flowered Daily Sketch. It is described as a glorious plant with large, handsome crimson, dark eyed blossoms. The supply is still so limited that single plants only are being offered by the introducer to accompany collections of

(Continued on next page)

NEW AND RECENT PERENNIALS

(Continued from page 70)

some of the better established varieties.

The 1942 phloxes, Rosy Blue and Pinkette, are both worth growing if you have not tried them as yet. The former (also descended from Daily Sketch) is a deep lively pink with blue markings which remain distinct in the florets, giving no suggestion at all of a violet tone. Pinkette is the palest and most delicate blush pink, with hardly so much coloring as a full-blown Van Fleet rose but with that same quality of color and texture. The large, perfectly formed florets, freely borne on symmetrical heads, look good enough to eat. See page 30.

An unusual color in hybrid delphiniums is Gayety, a pink lavender with an outer row of blue petals on each floret. These bloom "all at once", the spikes remaining in good condition for some time after the top buds have opened. Gayety has a long blooming period and repeats in the Autumn. This is a seedling of Lady Eleanor, the English favorite, but has been bred for hardiness in northern New York.

Scabiosa Blue Lady is a hardy large-flowered blue with perfectly formed, three-inch blooms frilled and slightly cupped. As the flowers open there is a suggestion of pink at the center which turns to blue as the blossoms mature. This is the first named American hybrid scabiosa and as such deserves a trial in every garden. It is an all-season bloomer if dead blossoms are kept cut.

Trollius Sussex Queen is a find for the border because it likes a position of semi-shade. Bloom starts late in May and continues through June and July. The plants grow to three feet and the blooms show a double row of golden yellow petals which open flat instead of remaining cupped as in other trollius. Sussex Queen is an improved form of Ernest Ladham's Golden Queen.

True blue

The new veronica, well-named Blue Peter for the long, narrow blue pennant displayed by a ship ready to leave port, is a real improvement in this dependable flower. Blue Peter is one of the few English novelties coming to us this year and is so unusually fine in color and quantity of bloom that it took our breaths away when we saw it growing in the fields last Summer. It is a true Navy blue, grows one and a half to two feet tall, and makes a neat upright plant, heavily covered with bloom.

Lavandula vera rosea, a pink-flowered form, also comes from England. With us it is not so tall as the blue and not so free flowering but it seems sturdy and makes fine bushy plants. Young specimens are effective used as edging in the formal herb garden where they take shapes suggestive of tiny, gray-foliaged evergreens.

Lorna, a new single, salmon-tinted cottage carnation is of the same family as Sylvia (pale rose pink), Cynthia (shrimp pink), and Lucia (rose and salmon), introduced in 1942. Lorna's flowers are very large and fragrant and appear in clusters on long stems. It is

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The February issue of **HOUSE & GARDEN** will be on sale on **Wednesday, January 20th.**

a profuse bloomer and makes a fine subject for Summer bouquets. Thanks to the rabbits we had no bloom ourselves this year but we saw it growing in the introducer's grounds.

A few outstanding shrubs

I am going to steal a little space before closing to mention some shrubs which impressed me particularly when I saw them in bloom last Summer.

First and foremost is a hardy *Hydrangea opuloides* called the Lace Flower Hydrangea. It flowers from new wood in numerous flat umbels, the inner flowers of which are light blue surrounded by large sterile blooms of white and rose. "Lavender and Old Lace" is the name we suggested for it because that is just what it looks like. The foliage is bronzy and adds to the shrub's general beauty. It is hardy and likes a moist, well drained position in sun or light shade.

Another interesting hydrangea is semi-double Domotoi. This variety also blossoms on new wood, bearing large globe-like clusters of semi-double flowers, pink in alkaline soil and clear light blue in acid soil. The plants are two to three feet high and about as wide. It, too, is claimed to be entirely hardy.

Flowers all Summer

Two potentillas which seem destined to take permanent and honored places in shrub plantings are Snowflake, a three foot shrub of erect yet compact growth with fern-like foliage and silver white blossoms from June to October, and Gold Drop, even more dwarf, bearing bright buttercup yellow blossoms throughout the Summer and Autumn. These potentillas like sunshine and are ideal for positions in the foreground of the shrub border.

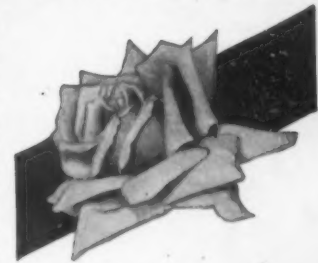
Three 1943 mockoranges are Philadelphia Belle Etoile, white blooms with conspicuous light purple blotches in the centers; Innocence, which carries large, single pure white flowers on arching sprays; and Enchantment, a double white with close-set fragrant blossoms. All three are very sweetly scented, as mockoranges should be.

American gardeners are always interested in hardy azaleas and so I am going to call your attention to a group of hybrids which, though not new, are just now coming on the American market at reasonable prices. The Ghent hybrids, bred by Mr. Vuilsteck of Belgium from Pontica, Rustica and the native calendulacea, have now been propagated and grown on by American nurserymen to a point where they can become a real feature in the average home garden.

There are many fine named varieties ranging in color from cream white, through the yellows and coppers to bronzy orange, copper scarlet and crimson. A few of the best are Byron, white; Chromatella, lemon yellow; Gloria-mundi, orange and rose; and Dr. Charles Baumen, deep red.

Those who read Van Rennselaer and McMinn's fine recent book on our native Ceanothus will welcome the news that the species *C. arnouldi*, blue-flowered and semi-evergreen and *C. pallidus roseus*, a pink variety of the same, are now available for purchase in Eastern nurseries.

(Continued on page 73)



5 Master-Piece \$5 ROSES 5

Each year, for some time now, we have gone carefully thru all our large collection of roses and selected the 5 we feel merit special honor. These 5 we offer you for \$5. If bought separately the cost would be around \$7. One of them alone costs \$1.50. So it's plain to see you are getting exceptional value in the 5 for \$5. A certain limited number only, are available at this Master-piece price.

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NEW FLOWER ARRANGEMENTS

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These arrangements are simply created and can be done just as effectively with any of the flowers found growing in your own garden. The containers, with the exception of one, are such as can be found in every home. The container found in number 3 can easily be made when copper is once again available. The attractive curled and veined leaves are shaped with an ordinary brass tool which can be obtained at any art store. A low band of metal is used to conceal holder and the tray is a sheet of metal rolled at ends.



1. Regal lilies

The artist's interpretation of the dignity of colonial homes. White regal lilies blended with the pale green of wild sumac buds and some sumac foliage in an antique gilt porcelain vase.

2. Roadside weed

Arranged to rise forcefully from a shallow bowl of celadon glaze, this arrangement makes a shaft of strength. The blaze of bronze and gold is pierced with green iris leaves for emphasis.

3. Hemerocallis

Daylilies of coppery tones and green branches of cotoneaster in a container and tray made to harmonize. A keen sense of imagination has been shown, which is important in flower arranging.

4. Rhubarb and roses

The wine pink stalks of a fruit curled into crisp spirals and arranged with pink rambler roses. To spiral rhubarb, cut flat side thinly half way down the stalk and soak in cold water.



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NEW AND RECENT PERENNIALS

(Continued from page 71)
Committee winners

Though space here is too limited to mention the many fine new roses which are making their bow in 1943, I do want to speak of the three A.A.R.S. winners. Two of these are hybrid teas: *The Grande Duchesse Charlotte*, named in June 1941 for a member of the Royal House of Luxembourg; a rose with beautiful pointed buds of claret red which open to an unfading begonia-rose, with 25 recurved petals.

Mary Margaret McBride is a radiant coral pink, a 35 petaled rose borne on long stems. The buds are pointed, the petals of the opening blooms recurved. The plants are hardy, vigorous and disease-resistant. Both these winners are remarkable for their stamina and the perfection of their blooms not only in form and coloring but also in their texture.

A new high standard

The third A.A.R. Selection is the charming Floribunda *Pinocchio*. This rose, which is equally valuable in the garden, as a cut flower in the home, and as a florist's item for corsages, bears many full clusters of salmon buds touched with gold as they unfold. The graceful buds are most attractive at every stage and the round, symmetrical open flowers 2½ to 3 inches in diameter are of a soft, clear pink which defies description. *Pinocchio*, without doubt, sets a new high standard in the Floribunda class. Other new roses will be discussed in the March issue of this magazine.

BOOKS ON GARDENING

(Continued from page 60)

esting chapter deals with ways to judge first class ornamentals and another tells how to know whether you can grow a certain desired shrub in your locality. Zonal maps to facilitate this information form the end papers of the book.

Somewhere in the neighborhood of 250 outstanding shrubs are listed and described, and many of these are vividly illustrated from photographs of outstanding merit.

In a summary at the close Mr. Van Dersal lists the ten best shrubs for the Northeast, Southeast, Northwest, Southwest, and for California; and then the ten best shrubs of the United States as a whole.

These lists are not the result of the author's judgment alone, but represent the choice of dozens of people who were asked for a list of the ten best shrubs of their particular region.

Many plant lovers have been waiting for a long time for this book on native shrubs, one which makes identification easy as well as telling where to plant and how to grow them for decorative effect.

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QUESTIONS AND ANSWERS

Care of gardenias

QUESTION. *I have a gardenia plant which is just beginning to bloom. How shall I care for it during the winter?*

ANSWER. It will require plenty of water, and a daily light watering would be advisable. Once a week spray it carefully to remove all soot or dust which has collected on the leaves. Go over it every four or five days to see if there are any mealy bugs. If so, use a cotton swab dipped in rubbing alcohol to remove them from the under part of the leaves. The gardenia plant likes humidity and should not be kept in too warm a place. Once a month apply a liquid dressing of one of the standard plant foods dissolved in water.

Purpose of winter mulch

QUESTION. *When is the best time to apply winter mulch around tender plants and what do you use?*

ANSWER. Mulch should be placed around a plant after the ground freezes as the real purpose is to keep the ground frozen. Alternate thawing and freezing does the damage. When the ground thaws it heaves the roots of the plant up and if it suddenly freezes again, the roots will die.

Use strawy manure, salt hay or a good quantity of leaves.

How to rid brick of moss

QUESTION. *What shall we use to remove a lot of green moss, covering a very wide brick pavement leading to our steps? Strong soap suds and abrasive cleanser have had no effect on it.*

ANSWER. Scrub the pavement with a 10% solution of muriatic acid. However, be sure to wear rubber gloves and make certain that it does not spatter in your face or eyes. Then rinse pavement thoroughly with clean water.

The mossy condition is caused by acidity in the soil and from time to time you might put a coating of slack lime on the brick to neutralize the acidity.

Care of monel metal

QUESTION. *We have moved to a new house where the kitchen sink is of monel metal. What's the best way to take care of it?*

ANSWER. Make it a rule to wash it carefully after each meal with mild soap and water. Next wipe it with a clean cloth wrung out in fresh water. Then polish with a dry cloth. If there are citrus fruit stains, you can remove them easily with one of the light abrasive household cleansing powders.

YOUR GARDEN'S PERSONALITY

Like all living things, your garden has a definite personality . . . its own individual characteristics. How your garden thrives depends, for example, upon its location; the kind of soil you have; when, what and how you plant (and a hundred and one other things). As you study and work your garden, you may very well meet some discouraging problems. We'd be glad to have you write for information and help.

HOUSE & GARDEN'S READER SERVICE BUREAU, 420 Lexington Avenue, New York, N. Y.



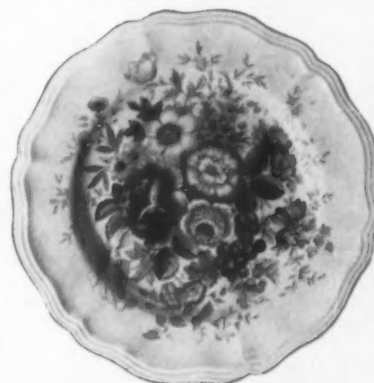
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Pinocchio

The Amazing
"ROSE OF TOMORROW"

Most Popular New Rose for 1943

Extremely hardy, very easy to grow, always in bloom, with hundreds of flowers on every bush! Great clusters of exquisite, pointed buds open gradually to long-lasting exhibition Roses in miniature, 1½ inches across. The winsome buds are rich appealing salmon, flushed with gold at base, gradually changing to soft clear pink as the flowers open and acquiring deeper pink edges—setting the entire plant aglow with lovely pastel harmony. The enchanting double blooms have an exotic, fruity fragrance. In the garden, Pinocchio has many uses and generously fulfills them all.

This lovely Pinocchio arrangement was created by Dorothy Biddle and Dorothea Blom, eminent authorities who lecture on flower arranging.



© J. & P. Co.

A close-up of the exquisite buds, ideal for boutonnieres—just right size for the lapel, and for corsages.

J. & P. Co.



Lovely in the Garden, and for Bouquets

The artistic sprays of buds and blooms are incomparable for flower arrangement—the one above eloquently demonstrates the limitless possibilities for anyone with 3, 6 or more plants of Pinocchio in the garden. Unrivalled for boutonnieres. Used by leading florists for unusual corsages and bouquets. Pinocchio blooms so exuberantly, the word "ever-blooming" seems inadequate—as the last flowers in a cluster finish, the first buds are opening on other shoots, bringing new interest every day. The flowers are long-lasting in all weather in the garden and often keep from 8 to 10 days in the home.

A new achievement in the hardy race of Roses called Floribundas, Pinocchio is ideal to plant in shrub and evergreen borders, particularly effective in continuous summer and fall color after the flowering shrubs are done. The cool pink masses are refreshing in mass plantings and edging for paths, drives, beds and borders. In addition to these new uses, Pinocchio may be planted wherever one would use Hybrid Tea Roses.

The All-Purpose Wonder of Rosedom

(Plant Patent No. 484)

Introduced by Jackson & Perkins, this newest of Floribunda Roses is bred to endure the most rigorous winters and also to persist in blooming abundantly from early June right through the hot summer and all fall, year after year. In test gardens all over America, Pinocchio has proven its adaptability and performance under all climatic conditions in the nation. The rugged, extremely hardy, very disease-resistant plants grow 20 to 24 in. tall, with ample, rich dark green foliage.

Be one of the first to have Pinocchio blooms next June—order 3, 6 or more now. 2-year field-grown plants, guaranteed to live and bloom, postpaid: **\$1.25 each; 3 for \$3.15; 12 for \$12.50.**

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In natural color, see the new Roses for 1943—Greer Garson, Mary Margaret McBride, Sonata, etc.—the Parade of Modern Roses, Perennials and Fruits for your Victory Garden. Hundreds of pictures like the two on this page—write today!

Reserve Your Plants Now!

Because of the tremendous interest in Pinocchio, we suggest you order right away to be sure you can have the plants you want next spring.

Sue Hastings and her renowned marionettes came to the Festival of Roses; in this picture her puppet Pinocchio is praising the Roses named for him.



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