Burpee's Flash MARIGOLD

Earliest of All Marigolds, Blooms in 8 Weeks, Continues Profusely All Summer and Fall

Combine deep mahogany-red with tangerine...and that’s FLASH! From coast to coast this unique new Single Marigold has been a garden sensation...praised by everyone who has seen its brilliant outdoor display, winning the highest All-America award of any new flower to be introduced in 1945. In addition to being the earliest it is one of the most profuse blooming of all Marigolds; the perfect plants are so uniform in habit they are ideal for border use, developing into extremely bushy mounds of color 18 in. tall, with exceptional hybrid vigor and long, continuous performance...faithful all through the Summer and Fall.

Very easy to grow anywhere, Flash creates a fiery brilliance in massed beds, as well as for edging and foreground in the border. The finely cut foliage has good color and quality. Artistic flowers, 1-3/4 in. and more across, long-lasting, popular for bouquets and arrangements. Order from this page: Packet (100 Seeds) 25c; 1/16 ounce 60c; 1/8 ounce $1.

Write Today for Burpee's Seed Catalog

Of course you'll have a garden next summer...Victory Gardens will again be the order of the day. This year we're urged to make them more "selective"...to plant the vegetables that please our taste as well as those that produce the most food...and to have the cheer that flowers bring.

New Hybrid Vegetables

You'll want the Burpee Catalog...America's leading seed catalog, it describes all the best Flowers and Vegetables with pictures of leading varieties, many in natural color. Be sure to see Burpee's new Hybrid Vegetables, and new Red Tampa. Full of helpful planting information from cover to cover, all about the best seeds that grow.

Note:
The Paper Shortage Makes Catalogs Scarce

Fewer catalogs can be printed this year. Many who write late will be disappointed. So long as the supply lasts, Burpee's Seed Catalog will be mailed free and postpaid. To be sure your request reaches us in time, send a postcard or letter today.

W. Atlee Burpee Co.
406 Burpee Bldg., Clinton, Iowa

Created on Burpee's Floradale Farms

For years, Burpee's Floradale Farms have been World Headquarters for Marigolds! This brilliant Dwarf French Flash was created there before Pearl Harbor, widely tested, and now ready for your garden.

W. Atlee Burpee Co.
(or) 406 Burpee Bldg., Clinton, Iowa

If you live west of this, write to Clinton, Iowa

Send postpaid Flash Marigold seeds (No. 2352): checked:
   □ Packet 25c □ 1/16 Oz. 60c □ 1/8 Oz. $1.

Enclosed is $...

Name

St. or R. D.

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□ Send Burpee's 1945 Seed Catalog FREE.
"Because every shining inch of it says it's the start of our home together. In it I keep his letters...my linens...and the silver, marked with the new monogram.

"At night, after dinner with the family, I like to come in here and close the door. All I need to do is look at it, and I can see the room we'll build around it, the house it will stand in. With this and our War Bonds, I really feel we own part of our tomorrow...now.

"I bought it with some of our wedding-present money...and some more I saved instead of buying expensive lunches. I wanted it to be the best...not only as an investment in itself, but so it would be something to live up to when we bought the rest of our pieces. So I went to Sloane, because quality is their foundation, too...and has been for over a century."

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EXCLUSIVE MANUFACTURERS OF ALL APPROVED SILK FABRICS FROM COLONIAL WILLIAMSBURG
Mitropoulos Arose Early—As Always, When Great Events Portend

In all the history of recorded music, had there ever before been a moment quite like this? It is dawn, and at the window sits Dimitri Mitropoulos, distinguished Greek conductor. His face strongly outlined by the first rays of the ascending sun, his collar open, the short-sleeved sport shirt in seeming contrast to the score of a century-old classic beneath his hands. But this is just as Mitropoulos had wanted it. "Let us have the audition very early in the morning," he had said. "That is when the mind is clear, when every sense is keen. Then my judgment of the Meissner will be most accurate."

Now an attendant pressed a button, and Mitropoulos watched as Meissner's automatic record-changer performed its agile marvels. "Ah, that velvet touch!" he exclaimed. "How many of my own precious records would thus have been saved!"

As he spoke, the final words were caught up in the music of a glorious symphony—gloriously reproduced in this tiny room. Mitropoulos sat almost spellbound as record followed record in an effortless cavalcade. At last, when the room was bright with the risen sun, the great director could no longer restrain his enthusiasm: "The people at Mt. Carmel have done a wonderful thing. This music from the Meissner... it is so clear, so buoyant, so perfect! Never would I have believed such reproduction possible!"

Dimitri Mitropoulos, renowned conductor of the famed Minneapolis Symphony, had just been listening to the only Meissner radio-phonograph in existence—the final laboratory model perfected just before war turned all of Meissner's skill and knowledge to the manufacture of vital electronic war equipment. The instrument is now on loan "for the duration" to the music room of Mt. Carmel high school in Meissner's home community.

With your own luxurious postwar counterpart of the Meissner, you will be able to play for two hours or more without touching a record. Through the beautiful cabinet, you will have all the world's entertainment at your bidding with Meissner's Super Shortwave—and you will enjoy Frequency Modulation and a host of other advancements now being engineered into Meissner electronic devices for our armed forces around the globe.

Symphony at Sunrise

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Most people can’t! But the wise ones let their insurance Agent or Broker do all the worrying for them. Just let him know what you have to protect, and he’ll be glad to tell you just how to Protect What You Have. If you take this expert advice, you won’t have to dig into your own pocket to pay for losses or damage suits which can occur.

"For instance, could we be sued if Andy, the postman—or anybody else who’s passing by—falls on the ice in front of our house and hurts himself badly?"

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"If fire ruined our furniture, would our insurance take care of buying new furnishings? We bought those things years ago—have we enough insurance to replace them today?"

"Have we the kind of insurance that would pay heavy damages or medical expenses if we accidentally hit someone with the car and injured him seriously?"

Your local Agent knows the answers to these questions. He’ll tell you, too, how little it costs for North America Companies protection against all the common hazards that might mean a money loss to you. Have him up to the house one evening with you and your husband—and get some of these troublesome insurance questions off your mind.

Insurance Company of North America, founded in 1792, oldest stock fire and marine insurance company in the country, heads the group of North America Companies which write practically all types of Fire, Marine, Automobile and Casualty insurance through your own Agent or Broker. North America Agents are listed in local Classified Telephone Directories.

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You enjoy peace of mind when you live in a house equipped with Chase Red Brass Pipe or Copper Water Tube.

There is a good flow of clean, sparkling water... for your shower, for kitchen and laundry... for the garden hose, too.

Pipes of peace, you might call these red brass and copper pipes bearing the Chase trade-mark. For they're remarkably trouble-free... even in corrosive waters.

You've been looking forward to the many home improvements you have promised yourself, with Peace.

Surely you'll want to get together with your plumber to talk about Chase Red Brass Pipe or Copper Water Tube for both hot and cold water lines.

Chase Brass & Copper Co. Incorporated, Waterbury 91, Connecticut—subsidiary of Kennecott Copper Corporation.

Chase
BRASS & COPPER

After the war, enjoy Chase Red Brass Pipe or Copper Water Tube, Chase Bronze Screen Cloth, Chase Copper Gutters, Downspouts and Flashing, in your house. And install good brass and bronze hardware and brass plumbing supplies, too.
Dear Alicia: The white fastness of these New England hills, that inspired Whittier to write his "Snowbound," no longer holds us prisoners of the season or locks our door to adventures in the pleasant fields of friendship. For this generation revels in weather that made our forebears hug their chimney-corners, and welcomes every storm that brings its measure of snow.

My adventure, so to speak, began with a letter from Cousin Ann who, as you know, devotes herself to seeking out hospitable week-end retreats for men in the services. She wrote of a young Dartmouth man, now in the Navy, and his bride, and of their keen desire to have some skiing before he reported for duty in the Pacific theater. Could I take them in? They would make me little bother and would bless me as a benefactor. Of course, I said "yes" and arranged with my neighbor Ephraim to meet them at the railway and bring them here in his cutter, with all bells jingling.

They came, and most truly conquered. They actually made me their guest, for they took over the meals and housekeeping and waited on me, hand and foot. It was an invasion, but in that spirit that makes friends for us wherever our boys go. What good talks we had, and such music, for Betty plays the piano beautifully and Fred is wonderful on the guitar (of all instruments!). Time never sped so lightfootedly and I fear Grandfather's old clock will find it difficult to get back to its measured beat. I know I shall.

It has been snowing again and I ventured gingerly to the mailbox when I saw the red signal was up, expecting nothing more than my day-old Times, but my reward was rich. A letter from Betty and Fred that recaptured all the pleasure of their visit and thanked me in words so gay and gracious that I could have hugged them, then and there.

It is good to have it "in writing," as the natives would say, for it is proof that I have not been romancing here in my winter solitude. Proof, too, that youngsters to whom every moment is precious these days still keep their appointments with custom and courtesy and fail not those, like you and me, who cannot ski, or strike a hot note on a guitar.

Affectionately yours,

JANE

A "gay and gracious" thank-you letter is one of the most appreciated of all communications. Written on Crane's Paper it conveys a further compliment and speaks for you as you would speak for yourself.

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WHAT DO YOU WANT FOR YOUR POST-WAR HOME?

... IN HOME LIGHTING!
Where would you like fluorescent lighting?
- Living room
- Bedroom
- Bathroom
- Kitchen
- Playroom
- Laundry
- Nursery
- None

What living room lighting fixtures would you like?
- Table lamps
- Floor lamps
- Ceiling fixtures
- Wall brackets
- Chandeliers

When a bulb burns out, do you:
- Replace it from a stock kept in your home?
- Buy a bulb on your next shopping trip?
- Borrow a bulb from another socket?

... IN YOUR RADIO!
In what rooms of your home would you like a radio?
- Living room
- Bedroom
- Kitchen
- Playroom
- Nursery
- None

Which of these faults in radio reception would you like to see eliminated first?
- Static
- Fading
- Hearing two stations at once

How would you like to tune-in on your post-war radio set?
- Dialing
- Push button
- Remote control

... IN TELEVISION!
Have you ever seen a television set in operation?
- Yes
- No

What type of programs would you like to see in television?
- Sports
- News
- Religious services
- Drama

How much do you think a good television set should cost?
- $100
- $200
- $300
- $400

... IN ELECTRONIC DEVICES!
What electronic device would you like to have in your post-war home?
- An electric eye to open and close the garage door.
  How much do you think it should cost?
- Germ killing lamps in baby's room.
  How much do you think they should cost?
- A device that would record telephone calls when you are away from home.
  How much do you think it should cost?

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Vivid, full color fruit pattern on heavy Sanforized fabric. Laundry Tested. Embroidered edges. Nine pieces comprising: Luncheon Scarf 13" x 24"; Four Mats 13" x 19"; Four Napkins 14" x 14". Certain to add a gay note to luncheon and party settings. Complete set, neatly packaged, $5.00 prepaid. No C.O.D.'s. (West of Mississippi River $5.25 prepaid.) Satisfaction Guaranteed, or money refunded. Send check, or money order to:

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Partner for the Party

444 W. 45th St., New York 19, N. Y.

PERSONAL PUFFS. If you want to convince someone you're a really thoughtful person who doesn't shop at the 11th hour at the corner drug store, order this bit of luxury now! It's a set of 12 Powder Puffs made of soft lamb'skin (10 small and 2 large), each personalized with first name in gold. Packed in a clear plastic box. $3.50 postpaid.

We ship within 3 days after your order reaches us.

PENTHOUSE GIFT SHOP Dept. 11

1002 Talbot St., New Garden, N. Y.

Attractive Carrier . . . with 3 Heat-and-Cold Retaining Crock

THE clever hostess welcomes this with open arms ... so do guests when served from smartly practical THERMO-SERVER. Large 2-quart crocks, of special stoneware, retain heat and cold. Dishes may be prepared in them, baked in oven or chilled in refrigerator. Beans and such kept piping hot, salads crisp and cold. Crock has Turned-Wood Lid and Serving Ladies. Separate carrier (size 6 x 2.25") finished in Wheat-Straw Tone with decorative motif in deep brown. It's the perfect wedding or anniversary gift. Sent Prepaid, $12.50. Satisfaction guaranteed.

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360 N. Michigan Ave., Chicago 11, Ill.

EVERYTHING FOR FUN AT HOME

Backyard Barbecue Supplies, etc., write for free bulletin

SUCCESSFUL ENTERTAINING AT HOME. It's Free!

$12.50. Satisfaction guaranteed.
SUSAN SAYS: This 5”, oversized distinctive compact of jewel-hard plastic, full-vu mirror, fine powder sifter and puff, permanent spill-proof clasp and hinges, is a fascinating token of friendship. Brilliant Chinese red, coral, azure, emerald or jet black. Postpaid on receipt of $3.50.

THE PIPING BOY

Enchanting lead statue with the fine design and grace of famed masterpieces. 31” high. Piped for fountain.

114M—$105 F.O.B. New York

FLORENTINE CRAFTSMEN, INC.
540 First Ave. (at 31st St.) New York City 16

LEXington 2-3926

Miniature Shadow Box

For Your So-small Treasures

$2.00 each

Mahogany finish frame with gold lining band. Mirror back, they measure 7” x 9” inside, with a depth of 2 1/2”. Exactly right to house your tiny treasures. Used in pairs flanking a mirror—they are much more decorative than one large cabinet.

Sorry, no C.O.D.’s

Add 25¢ each for delivery, or Express Collect

FOR BUFFET SUPPERS

A chafing dish will be the life of the party at your informal buffet suppers the year round. Solid brass burner and pottery casserole. The casserole holds one quart.

$7.95 postpaid

Three-letter monogram in gold, 50¢ additional

Write for Catalogue H1

The SALT & PEPPER SHOP
445 E. 86th St., New York 28, N. Y.
FRESHER! BETTER FLAVORED! SWEETER!

TREE-RIPENED FRUIT

"You DEFINITELY DON'T get this kind of oranges and grapefruit at your corner grocery," says the Shopping Editor of a famous national magazine.

"Quality Selects" (as shown) selected fruit generously packed, 55 cents pound bushel... $5.25

"Deluxe Gift Pack" selected fruit, 4 assorted pound marmalades, pound fruit cake, pound fancy pecans, 60 pound bushel... $10.00

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"Russet Sweets" Home Pack, good inside quality, firm, fresh sweet fruit, 50 pound bushel... $4.25

(Unless otherwise specified, all packs will contain assorted oranges, grapefruit and tangerines.)

PRICES INCLUDE EXPRESS PREPAID DELIVERY TO YOUR DOOR (east of Mississippi River) NO SHIPMENT UNTIL FRUIT IS SWEET... (about December 1st) ... WRITE FOR PRICE LIST. We also ship finest quality Marmalades... Jellies... Honey.

HADLOCK FRUIT COMPANY, BOX 8-M
MOUNT DORA, FLORIDA
Bonded Packers of Individual Shipments Tree Ripened Fruit.
Like fabulous raindrops, glowing rubies cling to the golden rims of these dramatic earrings. Three inverted disks, in graduated sizes, tip your ears with luxurious fantasy. Precious two-toned solid gold. $130, including Fed. tax. Bijou Box, Box 972, Grand Central Annex, N. Y. C. 17.

modern dining!

The sturdy simplicity of good Modern design enhances the traditional conviviality of the festive board. Our dining groups flatter your service and your guests... without being intrusive. Yet there's an underlying character in their bold strength of line!
MINIATURE GRAND
PLAYS CHARMING MELODY!
The Swiss music boxes within are very rare. Order now. Perfect in every astonishing detail, down to ball feet. Solid Mahogany in natural light shade. Scaled one inch to foot. Each plays a beautiful, well-loved melody. For collectors and other lovers of perfection. ORDER...

12 LOVELY GIFTS FOR $6
A Portfolio of Twelve Magnificently Hand-Colored Flower and Fruit Prints after originals by Prevost. You'll count these among the finest buys of your career. It will solve many of your gift problems. Each print 11" x 14" plus generous margins. For 6 Lovely Prevost Flower Prints, $1.50 postpaid...

There's magnolia magic in this delicate bridge cloth. Spattered on each corner are full-blown blossoms, compact buds waggishly adorn the napkins. Hand screened with Viennese artistry on white sheer washable fabric. 5-pc. set, $16.95. Hammacher Schlemmer, 145 E. 57th St., N. Y. C. 22.

OLD PRINT EXCHANGE
Send 35c for new catalog.
"Prints That Make a House a Home"

HOUSE & GARDEN
SHOPPING
Furry bunny mittens are finger-tip insurance against Jack Frost's icy nip. These are made of Canadian hare, whose soft brown and white fur resembles lynx, with pigtek leather palms. Small, medi­um or large sizes: $3.50 a pr. ppd. Roi-Toy Gifts, Atp. 811, 515 West End Ave., N. Y. C. 24.

How deliciously amiable are the soft, clear colors of this luncheon set—yellow ice, cloud gray, peach mousse or sky blue. Mats, napkins and runner have graceful three-letter initials in white. The 9-pc. set of tub-loving, linen-like cotton, $9.95. (17-pc., $16.95.) Albert George, 679 5th Ave., N. Y. C. 22.

Chi-chi for your garden—cast iron bench, frivolous as sugar on a bun, solid as Victorian whalebones. Vines twine prettily through the back, punch work decorates seat. White or green. Height, 331/4"; seat, 37" long. $85. F.O.B. Florentine Craftsmen, 540 1st Ave., N. Y. C. 16.

CHILDREN'S CELLOPHANE MATS
The youngins will love these. They are perfect for either the highchair or when a bit older at their place mat. Highchair Mat with the lamb design for girls; dinner design for boys with the child's first name.............$2.45 postpaid
Place Mat with animals as shown for a boy or with the bo-peep design for girls. Size of mat 12" x 18".........$2.75 postpaid
Please specify type wanted.
EUNICE NOVELTIES
Dept. 205
5th Floor Women's Exchange Bldg.
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SAFES SPACE

NEW ORLEANS PRALINES
A luscious, creamy confection, liberally studded with delicious pecans.
Box of 10 shipped anywhere in U.S.A., postpaid $1.40
Sorry no C.O.D.'s

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This merry little fellow, 14" high, will bring many smiles into your garden. Pampas Stone $3.00
Many other lovely figures, fountains, bird baths, vases, pedestals, benches, etc., are in stock. Send for illustrated catalogue: a gallery of interesting prints.
Galloway Pottery On Display
Erkins Studios
NEW GALLERIES now at
38 West 40th St., New York 18

Handsome Couple

The ash tray is a Sheffield heavy silver plated reproduction of an English wine taster with a real English coin set in the base. The cigarette holder is a Sheffield reproduction of a heavy silver plated Georgian beaker and is 2½" high. They come boxed at $11 for the two and price includes tax and postage.

Karen Stark
215 SO. 10TH ST.
Opposite Rittenhouse Square
PHILADELPHIA 3, PA.

Multi-Kwik

Multi-Kwik Hangers are precision built of seasoned hardwoods, the hanger bars dowelled in to assure constant, correct tension. Easily installed with two screw nails in closed wall or doors. Order two or more for each closet in your home...

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Multi-Kwik

Skirt and Trousers HANGER

Quickly and securely nine skirts, slacks, shorts and trousers hang in a space less than 8 inches. Garments hang straight at full length in perfect shape for easy selection. Creases disappear—makes pressing last—Saves delay at the cleaners.

Savvy anywhere in America.

Check or Money Order...$2 each

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Savvy anywhere in America.
Fragrantaire house perfume gives you the delicate fragrance of country gardens, or the tangy, fresh smell of the woodland. A soopful in our good-looking porous perfumer keeps a room smelling heavenly as long as a week (it's really economical), a closet longer. Choice of 18 entrancing scents.


Scent: 2-oz. Bottle 50c, 4-oz. Bottle 90c, 8-oz. Bottle $1.60.

Wall Perfumers 50c each
Orders shipped postage or C.O.D. plus postage
Store Open 9 A. M. to 5 P. M.
FRAGRANTAIRE CO.
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When ordering any of the merchandise shown in the SHOPPING AROUND pages, address your checks or money orders directly to the shops mentioned. Please print your name and address and any mailing instructions clearly on envelope and letter.

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UNUSUAL ANDIRONS
For lodge and rum­

pu room, life-size
ducks cast in iron
(15" high).
Rolls 18" or 20" as desired.

Price $30.00. Sent freight collect
THE FOUR SEASONS SHOP
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SAVE SPACE—Saves Shoes
Your shoes are more valuable than ever today. Protect them from dust and scuffing . . . keep them in good order with this sturdy, solid-wood shoe rack. Popular blonde lac­

quer finish harmonizes well with any color scheme. Easy to keep clean. Thousands of satisfied users. Holds 6 pairs of men's shoes—8 pairs of women's. Size 26'/z" x 15" x 11/2". Mailed postpaid in U. S. for only $17.50.

 Specifying name and

orders shipped postpaid or C.O.D. plus postage
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DO YOU DOG DRUG HIS HEAD WITH PAIN?

KANKER-NO POWDER

DOES YOUR DOG SHAKE HIS HEAD WITH PAIN?

KANKER-NO Powder is a time-tested medicinal powder backed by authoritative endorse­

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ive relief of painful canker ear in dogs. Effective in the relief of ear sores caused by the accumulation of natu­

ral secretions . . . the cerumen of wax . . . the presence of mala­

drous and a tendency to crusted and skin eruptions. Full directions come with each package of this truly amazing medicinal powder for the relief of Otitis Media Toucher each in dogs. Simple to use in treating! Safe and advisable to have on hand at all times.

DOES YOUR DOG SUFFER WITH BITCHING SKIN?

Parasitologists have found that itching skin in animals is often caused by internal parasitic infestations. KANKER-NO Powder offers effective and lasting relief in alleviating body aches and itch in dogs and cats.

HOW TO ORDER KANKER-NO POWDER

Mail to nearest. Oder C.O.D. If this postage. (Or, send $1, we pay postage.)

DO YOU DOG DO SHAVE HIS HEAD WITH PAIN?

CANINE SPECIALTIES

DEPT. N

HOUSE & GARDEN

SHOPPING

White star flowers, like shining mother-of-pearl, seem to float on the glass sides of these bookends, and again in the reflec­

tions of the mirrored interior. Black lacquer or pickled pine bor­

HERCULES COMBO-SHOOTS TO LAP YOUR SLUMBERS AND GRACE YOUR LINEN CHEST. THE ENCHANTING MONO­

GRAM AND HEM BORDER IS EMBOSSED IN WHITE OR ANY STANDARD SHADE ON SNOWY SUPERFACED 72" X 190" $15.75 ea.; 96" X 190" $18.75; cased. $48.50. McCauley's, 609 5th Ave., N. Y. C. 17.

To light you to bed—this copy of a quaint candle table will hold your bedside lamp and midnight reader in the antique manner. Solid cherry, hand-carved drawer pull. Top 14" x 17", height 25", $19.95 to your nearest freight office. Carl Fordlund, Fulton St., East, Grand Rapids 2, Michigan.
A "Book Porter" is our special name for this hand-made felt book carrier. It protects the lending library's thrillers as you tote them home, is handy to carry as your purse. Red or green, $2. p.p.d. Stone Brook Handcrafts, P. O. Box 56, Stony Brook, Long Island, New York.

Birds with big appetites are going to be crazy about this sturdy feeder. It has a capacity of 3 lbs. of grain in a visible seed reservoir, is made so that gourment sparrows get their fill. $2.95, p.p.d. within 300 miles of Boston, and 50c elsewhere. Breck's, 116 Breck Bldg., Boston, 9, Mass.

Resource-Full America—here's a grand new game that's played on a board map of the U. S. Flag markers, representing natural resources, are to be placed in state where produced. May be played alone or in a group. $2.95 p.p.d. C. S. Hammond Co., 80 Lexington Ave., N. Y. C., 16.

**New PORT-A-POKER**

**8-PLACE FOLD-AWAY CARD TABLE**

An Ideal Gift!

- Folds down to 4 inches thick
- Easy stored in small place
- Official size 4 pt. directors
- Edition split glass holders & ashtrays
- Non-slipary alcohol proof

T-TOP COMPANY, Inc.

60 Fifth Ave. at 53rd St., New York 19, N. Y.

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FINISH
“I’ll tell you GOOD TIMES ARE COMING!”

“I’ll tell you BAD TIMES AHEAD!”

What’s it to you?—PLENTY!

OKAY! Maybe the optimists are right. There’ll be good times after the war.

OKAY! Maybe the pessimists are right. We’ll have another depression.

What’s it to you? PLENTY! It’s largely in your hands as to which we’ll have.

The one way to make it good times is to do your share to help keep prices down now!

That means buying only what you really need. It means paying off your debts, saving your money.

And here’s where you’re lucky.

The same program that helps insure prosperity is also the best possible way to get yourself in shape to take another depression if one does come. So what? You’re right both ways—if you save your money. You lose both ways—if you splurge right now.

Think it over, fella. Then get in there and fight. Read—and observe—the four rules to head off inflation. The war isn’t over yet. And the war against inflation isn’t over yet—by a long shot. Remember World War I? The cost of living rose twice as fast after the war as it did during the war itself.

4 THINGS TO DO to keep prices down and help avoid another depression

1. Buy only what you really need.
2. When you buy, pay no more than ceiling prices. Pay your ration points in full.
3. Keep your own prices down. Don’t take advantage of war conditions to ask more for your labor, your services, or the goods you sell.
4. Save. Buy and hold all the War Bonds you can afford—to help pay for the war and insure your future. Keep up your insurance.
A gentle young wife. Two tousle-headed kiddies. This Dresden-china trio is the dynamo that powers the toughest Marine in the outfit.

Don't let your fighting man down; don't relax your war efforts. Our heartening victories do not mean that shortages are over. Textiles, for instance—particularly sheets—will continue to be scarce. So coax every last bit of wear out of the sheets you have, and when at last it becomes necessary to replace them, buy wisely.

Look for the best possible combination of desired qualities at the lowest price. Look for Pacific Sheets, in which smoothness, softness, whiteness, firmness and strength are skilfully balanced to give you the utmost in service and comfort.

They're at better stores everywhere, identified by the Pacific Factag. Pacific Mills, 214 Church Street, New York 13.
Soon now... he's going to tilt your chin for that first long look at you. He's going to take your hands in his — and not let go. More reason than ever to be beautiful.

Begin to be ready for that moment — the most important close-up of your life.

Today, and tomorrow, and tomorrow, cleanse and lubricate your skin with rich-textured PASTEURIZED FACE CREAM — in the blend especially designed for you. There's one for dry skins, one for oily. 1.00 to 4.50. Twice weekly, if your skin is dry — daily, if your skin is oily — wash with BEAUTY GRAINS, amazing little granules that leave your skin glowing, cleanscrubbed. 1.00. While you sleep, let NOVENA NIGHT CREAM bring new beauty to your complexion, supplying precious built-out during the day, smoothing tension lines, 2.00, 5.00.

Take your make-up advice for this breathless vis-a-vis from the authority who has devoted her lifetime to beauty! Helena Rubinstein recommends White Flame CREAM-TINT FOUNDATION — her fabulous new make-up to keep your complexion looking faultless all the time. It combines the best features of cake and cream foundations, 1.50. For your powder — remember, the right face powder makes such a difference! Again, choose the one for your skin. There's one for dry, and one for oily skins. 1.00, 1.50, 3.50. And then — your LIPSTICK. Choose a bright banner color from the famous Helena Rubinstein reds. Wear your lipstick joyously, knowing that its marvelous emollient qualities and velvety texture will provide your lips with a romantic smooth, young appeal. .75, 1.00, 1.25.

Your hand-beauty care — reduced to just two simple steps. Wash often with BEAUTY GRAINS — the same little granules you used on your face — on duty again! This time, chasing dirt and grime from your hands, leaving them immaculately clean. 1.00. After every washing, before going out, and every time your hands are to be in evidence, rub in APPLE BLOSSOM HAND LOTION to keep them soft and smooth and young-looking. 1.00. Remember — "he's going to take your hands in his — and not let go!"

Helena Rubinstein

More reason than ever to be beautiful!
More than just a beautiful kitchen!
You want a new type kitchen. Where everything is scientifically arranged to save time and steps...to give you a cool, clean, comfortable place for cooking good meals.

Your Dream... Our Scheme...

...is BIG! (The whole Gas industry is working on it!) It's a plan to bring you new freedom from wasted energy, wasted time...new freedom from fatigue, dirt, heat, unwanted kitchen odors. It's a plan to make your wonder workshop come to life!

Right now, we're working with kitchen cabinet makers and architects, Gas range and Gas refrigerator people, housewives and home economics experts—So that—shortly after V-Day—we'll be able to offer you dozens of ideas on new kitchens. Yes! direct help in getting the one you want—for new home or old—with the least possible effort and the lowest possible cost!

and LO! Tomorrow!

...is coming soon!...your "New Freedom Gas Kitchen"! * When? That depends on Victory...your war-work and War Bonds will speed it along. But you may be sure it will be economical and trouble-free in operation. For it will be built around these essentials of a truly modern kitchen...a C P GAS RANGE—with new features of fast,'flexible, automatic cooking. C P means "Certified Performance"—your guide to the very finest in modern cooking appliances...a GAS REFRIGERATOR—silent, safe, trouble-free. oceans of hot water—automatically supplied by Gas for use in kitchen, baths and laundry. See your Gas company today!

a new world of ease and convenience for every woman who cooks!
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Trees—structural beauty

by Rutherford Platt

To the author of "This Green World" trees are a never-ending source of wonder and delight. On these four pages he unlocks some of their mysteries and tells how, through knowledge and affection, to make them your own.

First you must study trees—opening the eyes of curiosity. You must bring an inquiring mind to enjoy the sculpturing of bark, the brilliance of Winter buds, the architecture of branches and twigs, the beauty and rhythm of the whole design.

If you would see the basic composition of a tree's symmetry, look at it in Winter. The size and proportions of the trunk are exactly right for the weight and shape of the whole tree. The young tree's trunk is slender to support a young, light crown. An older, heavier tree develops two distinctive types of bole. The Douglas fir, flowing toward the sky a hundred or more feet, develops a majestic circumference to our bug's-eye view. But in proportion, it is as slender as that of the sapling, flexing and bending to the wind's will as the sapling does but on a vaster scale.

On the other hand the trunk of the spreading oak, in proportion to the crown, is broad instead of tall. The squat bole does not flex perceptibly, but acts as a massive, earth-bound hub from which the long limbs radiate. It is the limbs that sway and bend to take up the shock of winds.

Trace with your eye the balance of a tree from the trunk horizontally to the most distant twig, and from the uppermost crotch of the trunk out through the crown. You will see a progressive reduction in circumference of limb and twig in precise proportion to the distance from the central axis, a delicate and exact system of slender, tapering cones based on the central cone of the trunk.

In your curiosity about the Winter silhouette, you will discover that each species forms its own peculiar design among its crossing branches. For example, the twig pattern of an ash against the sky reveals countless crosses, relatively thick to the tips, and with rectangular, wide-open spaces between twigs.

This contrasts with a birch's delicate tracery from great numbers of extremely slender twigs. In a sycamore the twigs in the upper part of the tree stand up vertically giving a distinctive effect. The more you look at texture in a tree the more you will marvel at the constancy of each species. One of the wonders of trees is the way they can achieve variety by the same set of rules of growth.

Every plant grows as a true spiral. To appreciate this, imagine a tree trunk without any branches, standing up like a telephone pole. How does nature locate branches on such a column? Mark a
Trees — structural beauty continued

limb; the next and younger one projects from a point around the trunk and further up. Attach a string to the lowest branch of any tree, or the innermost twig of any branch, and carry it round to the others in order of their growth. You get an apparent corkscrew spiral.

Imagine looking straight down on the trunk from its apex. The trunk is then a small circle from which the limbs project at divergent angles. These divergent angles between branch and twig and bud and leaf on a tree are constant in each species. There is nothing haphazard about it. In the elm and linden the angle is 180°, the branches, twigs, buds and leaves project from exactly opposite sides. In the beech the angle is 120°. It takes three beech branches, circling the stem, to place one exactly above the original starting point.

The marvelous beauty in the Winter silhouette of every tree springs from an elemental law of art—the dynamic spiral. It is beauty expressed in utility, fitness, economy, and the perfect adaptation of the means to an end—namely the lifting of sap, the delivery of nourishment to living cells throughout the whole tree and the dispersion of leaves so that they are exposed to maximum light.

Some people will persist until the end of time believing that buds come out only in the spring. Go and see in Winter. You will find every twig burgeoning with brilliant buds, sparkling like jewels. Some are brightly colored: the willow is red or orange; the red maple is scarlet; the hickory is gold; the dogwood is silver-gray with a texture like that of suede.

Each species has its own distinctive bud, intricate as a watch. When you are familiar with the form and color of
these, you will find that it is easier and quicker to identify a tree by its Winter buds than in Summer by its leaves. The bud alone and the little scar just below it will tell you the kind of tree.

The "leaf scar" is left on the twig just beneath each bud, where the stem of last year's leaf was attached. Long before the day of Walt Disney, nature made whimsical faces in these scars. The dots and lines that form the features are the scars of the "pipelines" that brought water from the roots to the leaf, carried food away. The butternut looks like a camel; the hickory like a horse; the red maple like a lynx; the bitternut like Hitler; the elm looks sleepy; the quaking aspen like a football player after a hard game.

The outside covering of the bud consists of scales. The number of scales of a species is constant. One good way to identify a tree is to count the scales on a bud. Some buds have one scale, more or less cone-shaped, that fits tightly over the entire bud and looks like seamless sealing wax. Willows and sycamores have one scale.

Then there is a group which has two scales, usually meeting at the edges the way clam shells fit together. In this group you find the tulip tree and dogwood leaf buds (the flowering dogwood flower bud has four scales).

A third group has a number of overlapping scales. The oak has the most numerous arranged in five rows as they mount the bud. The elm has about six scales, arranged in two rows.

A fourth group has naked buds without scales. The most common with naked buds are the butternut and some of the hickories.

Finally we might say there is a fifth group where the buds are not exposed and you will look in vain for them on the twig. All you

(Continued on page 85)
Tree and bush fruits through the year

**Apple and Pear**

- Prune any time before trees start to leaf. Open center lets sunshine in, helps to control spread of several diseases.

**Peach and Plum**

- Bear peach and plum trees benefit from a heavy pruning and heading back. It also reduces work of thinning.

**Cherry**

- Most self-sufficient fruit tree, cherry needs little pruning except to rid it of suckers and black knot, fatal disease.

**Winter**

- Give delayed dormant, pink and calyx sprays, timed to fit bud stage. Additional sprays may be necessary later.

**Spring**

- Spray or dust at least twice. Calyx spray follows blossom or dormant one. For "Yellows" disease there is no cure.

**Summer**

- Gather drop apples to prevent spread of curculio and scab. Clean cultivation also helps control these troubles.

**Autumn**

- A cylinder of wire a foot and a half high will protect bark of young trees from mice. Sink wire 2 inches into soil.

- Fumigate borers in base of trees with paradichlorobenzene. Spread crystals in circle and cover with mounded soil.

- Pick off and destroy fruit mummied by brown rot. Clean cultivation also checks such troubles, improves texture of soil.

- Cherry is finicky about transplanting so set trees out soon after delivery. Prune after planting them in sizeable holes.

- Soil is not often cultivated beneath home-grown cherry trees, but research shows this practice can double yield.

- Chickens allowed to run beneath trees will consume a large number of maggots responsible for wormy cherries.
Cut out old wood, retaining about seven one-to-three-year canes. Pruning can be done any time after the fruiting period.

Top dress with layer of manure. Dug under in Spring this humus will help the plants withstand Summer drouths.

Prune on mild day when canes are not brittle with cold. Two-cane Kniffin method is a useful one for home gardens.

Lightly cultivate in a topdressing of manure and fertilizer. Later, mulch or plant a cover crop between the rows.

Fertilize in Spring. It's optional whether you cultivate soil through Summer or keep it mulched throughout the year.

Spraying before blossoms open and again after fruits set usually checks the half-dozen serious pests of the grape.

Currants and gooseberries like a cool location so you can plant them on North side of building or in shade of a tree.

Cut old canes close to the ground after fruit is harvested. Burn cut canes to check diseases and loss of moisture.

Mosquito netting over vines will ward off onslaughts of birds and beetles. Also useful for bush and bramble fruits.

Increase bush fruits by taking hardwood cuttings of currants now; make stool layers of gooseberries in Spring.

Tips of branches mounded with soil will root and form new plants. Increase blackberry plants by root cuttings too.

A cover crop holds soil through Winter, provides valuable humus when ground is plowed in Spring. Fertilize poor soil.
What's next in victory gardening?

by H.W. Hochbaum

The Chairman of the United States Victory Garden Committee urges individuals and communities to continue and expand gardens after the war so that the nation may enjoy a "green and pleasant land".

During a recent survey nine out of ten Victory gardeners told interviewers that they would continue to have a garden after the war. Considering that some 60 per cent of the nation's families are enrolled in the Victory garden movement this surely means that there is, throughout the country, a tremendous interest in things horticultural.

It would be a lasting pity if this enthusiasm should die down for lack of encouragement as soon as the present emergency ends. There is much to be done before we, as a nation, can rest on our garden laurels. We need to establish a greater appreciation of the part flowers, trees and fruit, as well as vegetables, should play in making life more interesting and enriching. We should be entering an era of gardening and home and civic improvement such as this country has never seen.

Take home gardens, for instance. Thousands and thousands of city and suburban people in the past three years were forced to seek community plots because their own resident plots gave no opportunity for growing things. The miserable little patches of grass which are all our many blocks of row houses can boast are pathetic. Tiny suburban home lots give small reward to commuter strap-hangers for long rides to and from the city. We have zoning ordinances to regulate the types of buildings and businesses in many communities; we should also have zoning ordinances to prohibit promoters from cutting up an area into such small lots that there is little chance for lawn, shrubs or garden.

Our towns and cities, too, need sprucing up. To be sure, some of them have accomplished wonders in the development of parks and other beauty spots. Milwaukee, with its forty-eight parks and beautiful lake front, is an example. So is Chicago, with its 139 parks and remarkable Outer Drive. New York City has been a leader in building park areas, beauty spots and recreation centers. Middletown, Ohio, a manufacturing city of 30,000, boasts more parks than any other city of its size. And there are many others. But there is still town after town, city after city where ugliness prevails, where the cleaning up of unsightly areas and the introduction of green growing things would bring about a much-needed transformation. Beautiful home grounds, tree-shaded streets, parks and parkways breathe new life into any community. And when more of our people develop an appreciation for these they will not stand for row houses, dirty, barren streets and alleys and unsightly, unsanitary slums.

It is said that appreciation of things horticultural deepens as a country grows older. But are we not old enough, grown up enough, to make the love of gardening and home and town beautification play a greater part in our everyday living? This is the time to begin. This is the time for our leaders in trade, science, education and literature, our magazines, press and radio to make plans for building on the splendid foundation the Victory garden programs erected.

Much of the success of these programs has been due to the tireless zeal and enthusiasm of the many thousand volunteer garden leaders. We hope that these leaders will continue to serve in the programs to come. We hope that they will carry on the good work in their respective communities by instigating and promoting plans that will endure.

Such plans might run somewhat along the following lines:

The establishment of a unity of horticultural interests, of trade, professional education, scientific agencies and interests, of garden clubs and plain John Does to study the community's needs.

Continuation and improvement of the Victory garden movement, including home preserving of fruits and vegetables.

Stimulation of fruit planting for home use.

The beautification of home grounds, and the regulation of plot sizes to give opportunity for flower and vegetable gardens.

The cleaning up of unsightly areas.

Preservation of natural beauty spots; the building of more parks, parkways, recreation and social centers.

Cooperation with school authorities to open up curricula to permit education in these things.

The war has taught us that when the American people get behind any program, things begin to hum. Let's get behind the new garden programs.
The two-season garden

Continuous bloom is out of the question for most small gardens. One solution, in the secluded garden of Mrs. Ridley Watts, Morristown, N.J. is to concentrate color in two seasons, Spring and Fall. For Spring effect, landscape architects Wodell & Cottrell have planted the borders with groups of yellow and bronzy-pink tulips and masses of forget-me-nots, pansies, pulmonarias and bleedinghearts, as accent. These bloom in unison with dogwoods, lilacs, Bridalwreath, Mollis Azalea. September sees a toning down of the background—with ripening apples, white and blue morning-glories and firethorn the chief accents—but a deepening of color in borders massed with dwarf gold marigolds, zinnias, gray-blue Mealycup Salvia. Chrysanthemums add Autumn
The color of Spring

- Above, bleedingheart dominates a corner in this colorful border. Foamflower and Blue Phlox, both native to New England, luxuriate in the cultivated soil. Mr. and Mrs. Frank Audibert's garden, Greenfield Hill, Connecticut.

- At left, a charming combination worked out by Mrs. Frederick Carder for her garden in Cheshire, Connecticut. Yellow and blue primroses, topped by doricums, edge a bed of forget-me-nots. Blue primrose hybridized by Mrs. Carder.

- Top left, rock plants blanket a low bank beside Mrs. Carder's grape arbor. Blue Phlox and Creeping Phlox, varieties Apple Blossom and lilac G. F. Wilson, predominate. Also visible are Crested and Dwarf Irises, Alyssum saxatile compactum and various succulents. All kodachromes are by Gottscho-Schleisner.
To follow Spring bloom

Annuals, late bulbs and perennials in a gay parade

- If you like your garden to awaken luxuriously amidst lavender and yellow satin trimmed with frothy lace, you probably have gleaming cups of Darwin and Cottage tulips edged with candytuft and forget-me-nots. If you have a zest for strong colors that fit in with chintz-covered chairs and maple furniture, yours are doubtless informal borders with Bleeding-heart, Foamflower, Spotted Pulmonaria and daffodils in bright accents tied together with a green groundwork of later-blooming perennials. But whether your garden opens on a formal or informal note, even while the first bulbs are in full bloom you will be actively working on combinations for Summer and Fall.

In the dressy border featuring tulips, a complete transformation may take place. After yellowing of foliage, tulip bulbs are dug, dried and stored until replanting time in October. Their place is taken by stocky half-grown animals that were started in the coldframe in March or early April.

The Spring-blooming biennial forget-me-not, *Myosotis alpestris*, can be removed as soon as bloom is past, all but a few plants left at intervals along the border to reseed. Or, if the whole border is being redug, half a dozen plants can be reset in an out-of-the-way corner in dappled shade. Then a multitude of progeny will be ready for transplanting to the border in the Fall or early the following Spring.

Blue Phlox, *P. divaricata*, the low perennial whose flowers make such a nice gray-blue foil for tulips, can also be lifted after blooming. The dead flower stems—but not the foliage—are cut off and divisions planted in semi-shade for the Summer and returned to the border in late Fall. The compact Evergreen Candytuft remains as an edger throughout the year. It can be planted in groups to alternate with plants of transitory interest.

The work involved in a complete transformation is well repaid by the solid mass of Summer color. Because Spring and Summer blooming periods do not overlap, the borders can have a change of color scheme. For high colors try Fantasy zinnias, accented with Mealy cup Sage for grace and color relief and edged with the compact little single-flowered marigold, *Tagetes signata pumila*. Plant the Sage 18 inches apart, zinnias 12 to 18 inches, and dwarf marigolds 6 inches or closer to form a solid mass.

Petunias can form the backbone for an alternate scheme. A combination of silvery-blue Heavenly Blue, rich pink Cheerful and deep purple Elk’s Pride, for instance. White, single Coltness hybrid dahlias will give height and accent, and Pearly Gates morning-glories can be trained over the background shrubs or fence. In the foreground, groups of alystium Carpet-of-Snow may alternate with Chinese Pink or the new Midget Blue ageratum. All but quick-maturing alystium should be started in the coldframe so plants will be half-grown when tulip bulbs are removed from the border. To simplify transplanting, morning-glories and dahlias are started in small pots; the others in flats.

A complete reworking of the soil is unnecessary in the shift from bulbs to annuals as, presumably, the beds were well prepared the previous Fall for the bulbs. However, extra fertilizer should be applied to feed the succession crop of annuals, just as in a vegetable garden. A complete fertilizer is scattered over the soil at the rate of two or three pounds per 100 square feet, and the bed then lightly forked and raked smooth to receive the annuals.

Tulips can be left intact through the Summer in alternate years. This gives more leeway in choice of annuals. We are not confined to easily transplantable things like marigolds, zinnias and petunias, but can introduce certain hardy annuals that require a long season and do best sown where they are to bloom. For an airy effect combine Shirley Poppy with perennial Blue Flax, *Linum perenne*, that will bloom through June and July and into August.

Sow poppy seed between tulips in March and later thin seedlings to 8 or 10 inches. If flax seed is sown early, many of the plants will bloom the same year; or, for a more certain show, plants are set out after tulips fade.

For a pink, white and lavender effect in sow-in-place annuals you might choose pinks for foreground and mixed larkspur for height. Like poppies, dianthus and larkspur germinate best in cool temperatures, so seed is sown either in March or the preceding September. Pinks may be relied on to present a good appearance all season, but larkspur usually blooms itself out in a few weeks and will need replacement. Annuals or, better yet, chrysanthemums will carry bloom into late Autumn. To continue the pink-white-lavender effect of the larkspur, introduce the double Lavender Lady chrysanthemum and the Arcticum hybrids, pale pink Astrid, Coral Sea and White Cloud. Started (Continued on page 102)
During the past three years home vegetable gardeners throughout the country have graduated from timid neophytes to connoisseurs. Not content now with just “lettuce” or “carrots” they plant favorite varieties. Each year they have tried out additional vegetables, discarding the things the family didn’t care for so much last year, until by now their gardens are culinary treasure chests. As knowledge and interest increased, plots have grown in size to accommodate more ambitious crops.

Few brand-new varieties were developed last year, but here are some suggestions and reminders for the 1945 gardener who wants to make use of a larger area while still concentrating on quality.

Asparagus is one of the easiest vegetables to grow, provides delectable dishes in Spring and, during the Summer, makes a handsome screen or background. Allow a dozen plants for each member of the household and in ordering specify one-year-old roots of the variety Mary Washington, which is strong-growing and rust-resistant. Care in selection, preparation and planting is obviously warranted when the bed is to endure for twenty-five or thirty years. For sixty plants a space of about 60 by 15 feet should be allocated, to allow for three rows set 4 feet apart.

A type of pole bean which, though very far from new, is rarely seen and always excites curiosity, is known as Yard-long, or sometimes as the Asparagus Bean. These names are descriptive but only partially deserved, as the edible pods at the best picking stage are not much more than a foot long, and far too small in diameter to bear any resemblance to properly grown asparagus, though the flavor is reminiscent. They are very dark green in color, plentifully borne through the season if kept picked, and the plants, which are of a different genus (Vigna) from ordinary beans (Phaseolus), do not seem to attract the beetles. A trial planting of a dozen poles will form a show piece in the garden and provide much excellent eating.

Edible soy beans are steadily gaining in acceptance, but as yet are seldom available on the vegetable counter. They are grown just as bush (Continued on page 79)
Since 1933 the All-America Council of flower judges has recommended to the gardening public 139 varieties of annuals. They will succeed in nearly every part of North America, the awards having been based on their performances in fifteen sections of the United States, from near sea level to a mile elevation, and in many types of soil. Of the total, approximately 65 per cent are still generally listed in catalogues. This is a remarkable survival record for a group of novelties, especially considering the difficulties in maintaining pure strains of seed in wartime.

As may be expected in a war year, fewer entries than usual were made in the All-America trials for 1945. Only eight annual flowers were tested last Summer for the 1945 awards, namely, two petunias and one each of larkspur, stock, Chinese pink, calendula, marigold and cosmos.

A silver medal was awarded to Petunia Colossal Shades of Rose and a bronze medal to Marigold Real Gold. Unfortunately, seed of the petunia is too short for catalogue listing this year. However, seed of another attractive annual, Flash Marigold, which was held over from the 1944 trials and presented with a silver medal this year, is now ample to fill the public’s demands.

Petunia Colossal Shades of Rose is an all-double type even fuller of flower and more dwarf in size (about 18 inches) than the Victorious strains from Japan. In degree of doubleness it surpasses all earlier types, with fifty-five per cent of the flowers fringed or ruffled. The color of the new petunia, the majority of flowers purple and the remainder rosy-pink, was disappointing to this writer. However, its doubleness is a decided achievement and should be a forerunner of better things to come.

Flash Marigold has a delightful range of color tones similar to those of the taller Flaming Fire and is the most striking French Marigold hybrid to date. Its single flowers vary from golden-yellow through orange to maroon-red, with many bi-colors, and all may appear on a single plant. Flowers open early and continue until frost. The plant makes a mounded growth to 14 inches high.

Real Gold Marigold (Continued on page 76)
Insects then...

An entomologist answers the long-debated question, “Why are insect pests so much worse now than when I was young?” Required reading, especially for those whose memory goes back to the turn of the century.

When a group of gardeners gets together, the question invariably comes up: “Why do we have so many more insects now than we used to? When I was a youngster all we had to worry about was the Colorado potato beetle!”

In reply, another question might be asked: “Do we have more insects now than forty or fifty years ago, or does it only seem so?” The answer is yes—on both counts—but some further explanation is in order.

To begin with, just what insect troubles did we have “when I was a boy (or girl)”?

Memory is so capricious that it is best not to rely on it, but instead to look at the printed record.

“When I was a boy” might have been anytime, say, between 1870 and 1920. During this period the number of insects was on the increase, and varied from one locality to another. But if we confine our attention to the period from 1890 to 1910 and to the northeastern states, we find from entomological records that the vegetable gardener of that time had quite a number of insect pests to contend with in addition to the Colorado potato beetle.

The seed corn maggot, by feeding on the newly planted seeds, caused poor stands among the large-seeded crops. Cutworms destroyed newly set transplants of a variety of vegetables. The cabbage maggot wilted the cabbage and cauliflower and infested the radishes. The imported cabbage worm, the cabbage looper, and the larva of the diamond back moth chewed the foliage of cabbage and other crucifers.

Onions were attacked by the onion maggot and onion thrips. Aphis attacked the wide variety of plants that they do today. Squash and related cucurbits suffered the ravages of the cucumber beetle, squash bug, squash vine borer, and squash lady beetle. Flea beetles were abundant on potatoes, tomatoes, and a few other crops. Leaf hoppers and the three-lined potato beetle—no not to mention the Colorado potato beetle—did their usual damage to potato foliage. The big green tomato hornworm occasionally injured tomatoes. The spinach leaf miner caused its
characteristic blotches in spinach and beet leaves, and asparagus beetles were common. The armyworm sometimes injured corn, and the corn ear worm was making its appearance. The stalk borer was to be found tunneling in corn, tomatoes, and a variety of other plants. At times, the green clover worm fed on beans. And numerous less important insects frequently caused localized damage.

With this variety of insects present in gardens forty odd years ago, why should the Colorado potato beetle alone be remembered? One reason is purely psychological. "When I was a boy" parents believed in the efficacy of hand picking of insects as a means of keeping both the bugs and the boys out of mischief. The potato beetle was the insect more often hand picked than any other. For this reason, the creature impressed itself on our memories, and we can never forgive it for depriving us of the time we wanted to use for fishing or playing ball or hide-and-seek.

As a matter of fact, the potato beetle was more abundant and more generally destructive than other garden pests of that period. In the early years of the last century the Colorado potato beetle was confined to the southwestern part of the United States, where it fed on a weed—the buffalo burr. When the western pioneers planted potatoes, this beetle found the new crop more to its liking than its natural host plant. Because of its change in food preferences, the beetle rapidly spread to all regions where potatoes were grown and became one of the worst agricultural pests of the last century.

With the development of Paris green and other arsenical insecticides, it was brought under control and at the present time is no more of a menace than many other insects which seem always with us. Even forty years ago, however, the Colorado potato beetle was no doubt the dominant pest of vegetable gardens and naturally most likely to be remembered.

Another reason why insects appear to be more abundant now than formerly is because more of us are growing gardens now than a generation ago, and consequently more of us are aware of insect problems. Of course the war gardens of the first World War and the Victory gardens of the present have been marked incentives for home vegetable production, but even discounting these we have  

(Continued on page 88)
The potato is a homely vegetable, a spud. It is spoken of in patois with little reverence. But the potato has a pedigree. It traces its lineage with botanical pride and boasts a history of years of long and distinguished public service. Emigrants from South America, potatoes became peers of the realm taking out patents of nobility and acquiring family names: Sir Walter Raleigh, Great-Scott, Arran Chief. Their New England scions became Americanized under such names as: Bliss Triumph, Late Beauty of Hebron, Early Rose.

Wherever they went they stayed. They became the pièce de least résistance of every meal. But potatoes have lives of their own. Their possibilities are provocative. There’s the slightly rococo variation on delicate Vichyssoise, the gentle addition of cream of tomato soup to give it a faint tantalizing blush and other-world flavor. Serve it hot or cold with a sowing of chives on the top and a generous goût of sour cream. It’s pretty as pink coral with lettuce-green china.

Chowder, pride of the Pilgrims and a meal-in-itself soup, takes on nutty savor when the potatoes to be
used are first baked rather than boiled. Bits of tawny salt pork used for croutons are the final benison to chowder steaming in a Spode tureen.

Baked potatoes can do a solo as well as play an accompaniment. There is a surprise package quality about stuffed potatoes that intrigues. Mix diced celery, slivered almonds, parsley and white sauce with the scooped-out potato for an ambrosial stuffing. Or try a pungent blend of sardines, dash of brandy and potato packed back into the shell and briefly browned.

A stand-alone dish for Winter lunch is the unexpected combination of oysters and potatoes. After baking the potatoes, cream the filling with butter, top-milk and seasoning and refill the cases, making a bed in the center of each on which to rest a fat oyster that has been marinated in French dressing for half an hour. Cover with buttered bread crumbs and brown in the oven. Serve each potato on a shirred egg dish, hot from the oven and wreathed with green peas.

Down-Easters fry their boiled potatoes in bacon fat, cutting them into crisp crescents with the rim of a lakeline. This stew is cooked until there is almost no liquid left. Before serving, a lot of green parsley is sprinkled over it. Imagine this in a great earthen casserole in the company of a huge tossed salad and crackling anise bread.

**The French, with Gallic logic, serve potatoes in gravy, not and gravy. Sauté diced raw potatoes in bacon fat until brown on all sides. Then put these crisp cubes in a heavy pot on the back of the stove to keep patiently warm. Crushed garlic, chives, parsley and celery leaves take their turn in the fat, and a smooth-as-milk paste of cream and flour and seasoning is added bit by bit to the fat. When this has been cooked carefully and quietly the potatoes are again put in this pan to warm up to the gravy imperceptibly. A scatter of diced ham over all tops it off.**

The English tithing system brought forth an economical and excellent variation on potato soufflé. Curate's Pudding is made with one cup of rich mashed potatoes, free from lumps as whipped cream. Two egg yolks are whipped slightly and beaten into the potatoes and blended wisely. The whites are beaten stiffly and folded in with a tablespoon of lemon juice and a teaspoon of the grated rind. The whole is turned into a greased soufflé dish and covered with a veneer of grated cheese. Bake in a moderate oven about twenty minutes and serve as a good mixer with roast chicken or a joint.

**Potatoes stand up well under abuse but they respond ingratiatingly to a little care. Boiled potatoes cheer up considerably with the addition of mint to the water and a bouquet of mint served on top of them. Baked potatoes do much better in a preheated oven and enjoy a change from butter to bacon fat or sour cream as the finishing touch. Curry powder is a subtle change from paprika.**

With a little coaxing potatoes make some fine desserts. Pancakes, thin as a poker chip, crisp as toast, are epochal served with lingonberries or sour cream and crushed strawberries. For six people, grate six raw potatoes, add two tablespoons of flour, two well-beaten eggs, two tablespoons of melted fat or oil, and one tablespoon of milk. Heat four tablespoons of fat in a heavy frying pan, and drop tablespoons of the batter into it, frying the cakes a bronze brown on both sides. Circle a stoneware platter with these and fill the center with a pool of berries.

**Tender waffles made from potatoes become a gourmet dessert with a sauce of marmalade, orgeat to taste and slivered almonds. Beat three eggs until you are tired, then beat them some more. Add two cups of boiled, riced potatoes, one tablespoon of butter, salt, one cup of milk and one cup of flour sifted three times with two teaspoons of baking powder. Mix the batter firmly but with restraint and bake.**

The sweet potato is almost sufficient unto itself. The less done to it the better. The dubious additions of caramelizing syrups or marshmallows debase it. Left to its own devices with butter and salt it becomes the sine qua non for pork or ham, and is a surprising delight with barbecued meats. But sweet potatoes baked to a totpaz perfection and wrapped in a white napkin on a pewter dish are sweet potatoes at their uninhibited best—gifts from an Indian giver.
A study in color

Here is the first in House & Garden's series of distinguished rooms, designed to point up decorating schemes by the happy expediency of color. Duration deficiencies should not be held accountable for lackluster rooms when you can furnish them with color. Color can make a small room important, an unwieldy room amenable. Dark walls bring out the glowing patina of pale wood furniture. Pitch-dark floors play up beautifully to light rugs, making them an interesting focus. Unexpected colors lifted from the context of chintzes or carpets and used knowingly in accessories center a room with distinction. One-color rooms in varying tones are elegant backgrounds for china, glass, or pewter collections. The architectural pattern of a room can be interestingly changed by the use of color. Dark walls teamed with brash, light woodwork are surprisingly alive. An uninspired box-car floor plan can be foreshortened by having one wall a static contrast to the others. Darker ceilings lower an austere room hospitably. Brilliant doors vary monotony. Use color not as an incidental background but as a plastic reality, whittled and fitted to your needs.

- Dramatic louvered doors are curtain raisers on a small jewel of a study, a jewel of felicitous color. The dry green is given incandescence by the louvered shutters and oyster-white ceiling. Striped swags fold like a dandy's jabot, head-lighting the green. The lounge chair varies the green tonality handsomely. The splash of color in the lampshade and chair italicize the room, focus the rug from which they were picked up. A polished black rubber floor spotlights the needlepoint rug vigorously, centering the room about it. Antique bits of this and that give charming alter ego. On the desk, left—Dorothy Simmons' writing papers, petal-thin, strong as silk. A marine design lines the aquatic envelope—over-size sheets headlined in script. Desk, two chairs by Baker and papers at Lord & Taylor. Furniture, Paine Furniture Co., Boston, Frederick & Nelson, Seattle. Details, stores, pp. 94.
From comfortable country houses, formal city apartments, casual vacation cottages, come these versatile and ingenious decorating devices by Thedlow.

1. Obsidian-green, shiny walls don't make a dark room if they're lightened with chalk-white woodwork, curtains of rough-textured modern fabric hung below curved trapunto valances and a white-background, floral chintz.

2. A narrow end wall with two tall windows may be turned into an asset with a baroque plywood frame painted to match the striped, rose-patterned chintz used on the little armchair. Practical too, because it wipes off with a damp cloth. Beneath it, one pair of long, ruffled organdy curtains is looped back to reveal the mirror.

3. Seaside air is unkind to curtains—they quickly lose their crispness and hang dejected. Instead, try bamboo blinds, hung with the slats vertical from big round wooden rings on a sturdy wood pole. Whitewashed rustic walls for background; a giddy slipcover for pattern.

4. Victorian bedroom fantasy—a triangular mirror overmantel, edged with white baroque brackets to hold family miniatures or a collection of ornaments.

5. In Chinese mood, three long shelves above a low chest to display a china collection. Walls are gray-beige, shelves a lighter tint with slate blue; chest painted to match. Taken from a corner of a man's study.

6. A Venetian mirror mantel, of great elegance, set against a floor-to-ceiling mirror panel, has a white plaster shell as foil to the growing things in a concealed plant box. Indirect lighting glows behind the shell.

7. Old iron grillework, like that on Charleston houses, can come indoors. Painted off-white, its delicate tracery is revealed by long, deep brown curtains hung behind it in a creamy-yellow, formal dining room.

8. Another engaging solution to the problem of city dust: bamboo trelliswork in Chinese red, over long, full white ninon curtains, variation for draperies. The bed repeats the same Chinese red. Sketched in a masculine bedroom.
Profile of a house

IT PLAYS UP TO THE LANDSCAPE—PLOTS ITS COURSE BY THE TERRAIN

Bandera stone, laid like rough bricks, faces the door wall, frames the ascetic door which is made of veneer, stained black filled with white and lacquered. The flagging of the entrance is hewn from the same stone. The garden reaching almost indoors is echoed by big tubs on either side of the door. Flush spot lighting in the low eave throws a soft pool of welcome brightness about the entrance at night-time.

Hollowed and curving like a giant cochlea, the stairway spirals up to the second floor giving pattern to the hall. The stair walls and the ceiling are sand float plaster painted a warm off-white.

Lt. (j.g.) Morton D. May and Mrs. May wanted space but not a palatial coliseum. They gave Samuel Marx and his associates Noel L. Flint and C. W. Schonne free rein to design their home in Ladue, Missouri. Here is their excellent solution. The architects studied their land and followed its natural contours, even paralleling rocky formations in the stone-work on the house and in the garden. Walls were built of reclaimed, local, handmade brick. To satisfy Lt. May's color sense (he is one of the outstanding amateur color photographers), they lashed on an awning of cadmium yellow. The interior spaciousness, divided by leatherette folding walls, is matched by a plan to leave the grounds wild for the most part, keeping the man-made a meld with the natural. Franz Lipp landscaped it.
Profile of a house continued

- Inside the front door—oyster-white, leatherette doors accordion from the walls to divide the living area, dining area and library area from one another. They fold to give a one-room illusion.

- The dining area brought into focus by a huge painting of the Snake River by Edgar Miller. Table and sideboard of English oak burl. Stitched leather knobs and pedestals contrast with satin chromium.
Outside-inside window of the living area is cold-proof. Clear yellow curtains, banded in off-white, pick up sunlight. There's a feeling for texture in the cork coffee tables and the circular lacquer table. Oyster-white rug emphasizes a coral and beige sofa.

Living area fireplace slabbed with Cordova shell stone. Most of the furniture was designed by the architect, all fabrics by Dorothy Liebes.

Between the living and dining areas there is a surprising trompe l'oeil, a space for planting subtropical plants which carries out the feeling of moving outdoors indoors, hallmark of the house.
THE INADEQUATE BEDSIDE TABLE

THE BEDSIDE TABLE DE LUXE

BOOK SHELVES IN A BED ALCOVE

THE YOGI CROUCH FOR BED-HEAD BOOKS

Good reading - good sleep

The world seems to be divided into people who go to bed to sleep—which is a good idea, so we don't have to say much more about them—and those who go to bed to read and listen to the radio. The latter like to "rest" before they sleep. Mentally ambidextrous, they can read Agatha Christie and listen to the Unfinished Symphony or boogie-woogie at the same time. Still others, not so mentally equipped or far more sensible, prefer to read in peace.

Ask any ten people what they want on their bedside table and the combined requirements add up to a lot of gear—water jug and tumbler, reading light, telephone, books and magazines, jar of biscuits for midnight gnawing, box of lozenges for that 11 o'clock dry throat, cigarettes, matches and ashtray, a clock with luminous dial, radio. No pretty little bedside table could hold all these. It tempts us to go on a crusade for bigger and better bedside tables.

We would also lock on our armor and ride forth to find bedside tables that don't require gymnastics—bigger and better double-deck tables on casters so that you can pull them around where everything is reachable. When drowsy all you do is push them out of the way. Perhaps some manufacturer will eventually provide us with this amenity. Mean-}

time we must make the best of what we have.

For bed-readers, books and light are the two essentials. The one must be within reach, the other adequate and not anti-social. Many a marriage has bumped against its first rock when he or she wanted to read and she or he wanted to sleep. We ought to have male and female lights—permanent installations or clamped to the bed head—so focused that the sleeper can sleep and the reader read.

Handy books are another matter. That quaint idea of "books at the bed's head" just doesn't work. You have to turn around and do a yogi crouch to pull out a volume. A shelf of books close by to choose what you want to read or dip into before you are in bed provides the best solution. When the beds are in an alcove the projecting walls can be equipped with shelves. On them have such a variety of books that they may suit all moods or engage your varying interests.

Since people are what they read in bed, it is difficult to particularize about books. Some inveterate bed-readers are mystery story fans, some poetry, history, biography, politics, travel, and, not a few—indeed many more than we would ordinarily suppose—take a snack of devotional readings before they put out the light. A few of the Psalms, a page or so of the English mystic Evelyn Underhill, or the brilliant C. S. Lewis, or the Quaker mystics Thomas Kelley and Rufus Jones, or even some of the classics—"Religio Medici," "The Imitation," or that amazingly human 18th Century work by William Law, which has come down the years laboring under the fearsome title of "A Serious Call to a Devout and Holy Life."

The ultimate test for the bed-book reader comes when he arrives as guest in a friend's house. The books he finds there—if his hostess is sufficiently thoughtful—are a measure of how well she knows him. Once we spent a weekend with the Julian Streets in their Connecticut home and on going to bed found a shelf of the most delightful books within easy reach—books we especially enjoyed. On our speaking of it the next morning, Julian confessed that he had spent a whole afternoon selecting those books. "I knew the kind of a fellow you are," he said. The second night he left his private collection of recipes on the bed with the offer to send on any we liked. That, of course, is the ultimate courtesy between friends who enjoy their food and wine.

As this question of what bed-book readers prefer presents such a problem, we recently put the matter up to a publisher, a librarian, a critic, a journalist, a novelist, and two book collectors. We asked what kinds of books they enjoyed in bed, did they dip into religious books, and what about cookbooks?
Here are their assorted and amusing preferences:

RICHARD SIMON, publisher, the taller partner of Simon & Schuster, likes a big book for home bed reading. "War and Peace," Carl Sandburg's "Lincoln" and such. Most of the time, though, he reads current magazines. If he wants to go to sleep quickly he reads a "subject" book. At the moment it is Charles Goren's book on contract bidding. Other times it may be music or photography—any subject, in fact, except book publishing.

As for guest reading, when he leaves home, he would rather play safe and read magazines than trust to even the most discerning hostess. Magazines such as House & Garden, Time, Life, The New Yorker and The Reader's Digest. Thank you, Mr. Simon. Doubtless the editors of the other magazines will thank you, too.

MISS BELLE DE COSTA GREENE, who lives all day long with the magnificent books at the Pierpont Morgan Library in New York, has a weakness for detective stories and poetry, no feeling about cookbooks and keeps the Bible within easy reach.

HENRY CANBY, critic and high sachem of the Book-of-the-Month Club, who has to read books all day, may weaken to the point of reading still another in bed—detective stories, biography and straight history—but since he drops off within ten minutes after he's hit the sheets, he wouldn't stay awake if Shakespeare himself came to read aloud to him. Cookbooks are a horrible idea because at that hour he is busy digesting dinner, but he might be tempted with the best of Fanny Farmer at 8 A. M. He prefers to read religious books sitting up in a chair and not lolling in bed.

SIMEON STRUNSKY, journalist, of The New York Times, shares Mr. Canby's happy faculty for popping off to sleep bookless. His late night reading is carried on in a chair and chiefly as an excuse to postpone going to bed as long as possible, just like a reluctant little boy.

Among the great private libraries in this country is that of MRS. ROY ARTHUR HUNT, which is kept in her Pittsburgh home. Mrs. Hunt has no taste for detective stories, can read straight history now and then, with poetry and essays as light fillips and biography "always and forever." Of all our correspondents, Mrs. Hunt alone reads cookbooks in bed. The best time to plan a dinner party, she says, "make out lists and then shut off the light with a sense of well-being." Of devotional reading, she prefers the Psalms and prayers. Religious novels are always too long.

FAITH BALDWIN, novelist, is adamant against cookbooks in bed, even though she indulges regularly in pretzels and milk after the 11 o'clock news. Romance she reads, lots of it, whether light or long, old or current. Detective stories, as many as she can get hold of—one a night if available. She finds them soothing! Biography, history, poetry and essays she leaves outside her bed-reading orbit. A New Testament essential—one never knows when one will need it.

Miss Baldwin always selects special books for guests, considers them as necessary as fresh towels. And, nice note of hospitality, her guests are supposed to take away with them any books in the guest room that touch their fancy. But then her house in New Canaan, Connecticut, is bulging with books—4,000 of them—and she is extremely generous in her book gifts to hospitals, service centers and friends. Which leads us to believe that Miss Baldwin's conscience has no reason for bothering her at nights.

For the last we have reserved ALFRED HAMILL of Lake Forest, Illinois, who could be mistaken for a retiring scholar were he not also a banker. Of his banking prowess we profess to have no knowledge, but as a collector of books who has assembled one of the finest private libraries in the country—housed in the most beautiful surroundings—he is well known. (Continued on page 91)
Connecticut farmhouse

Mr. and Mrs. T. Ferdinand Wilcox's New Canaan home, built in the eighteenth century—remodeled for the twentieth century by Cameron Clark, the architect.

A friendly house, it holds a collection of bibelots, varied as a Clipper captain's

- Back view of the house with a hedged terrace for al fresco living and dining, that looks out over an old-fashioned garden.

- Warm hall incongruously enchanting with a grandfather's clock and Chinese chest that might have come over in the Nancy B.

- The friendly gate, flag walk flanked by a well covered with pots of quaint fuchsia, leads up to a small Doric-columned portico.
Connecticut farmhouse continued

The distinguished heterogeneity of a well-traveled life is reflected in the living rooms, adds up to a delightful total.

- Charming conglomeration of French, Italian, Colonial, complete with a hanging plant.
- Museum-piece chair curved and winged for comfortable elbow room, magnificent clock.
- Fine white paneling is an austere foil for Mrs. Wilcox's collection of antique pewter.
The elegance of an old withdrawing room is seen in the remarkably graceful fireplace breast, is carried out in the Aubusson rug and in the collector's item fans in their glass wall cases.

Polished pine walls, glowing brass, gleaming leather pick up glints of lights in the library. A huge Audubon print, temple candlesticks, splashy chintzes mingle in good companionship.
Present indicative modern

RICH'S, ATLANTA, BRINGS THE NEW TO THE OLD SOUTH

Wide doorway, future-functional, spacious, opens back on a room in Rich's house for today and tomorrow, designed by Eleanor Le Maire, built in their Georgia store. Old candelabrum keeps time with day-after-next accessories and furniture.

Timeless comfort, modern design in a corner of the master bedroom. A simple chaise longue, a pared-down chest, an ameboïd table form a pleasing geometrical relationship with the bold curtains.
Craftsman-chest, finely incised, delicately balanced on turned stretchers interrupts a wall to give cadence to a room, point up a generous mirror. Almost all of the furniture as well as the fabrics designed by Don Cooper.

Slightly Chinese, faintly Victorian, very modern double chests help turn the study into a guest room handsomely. Vivid diamond-splashed curtains assert themselves. Seal-sleek chair comfortable as a hammock.

Seen through the almost-all-glass wall of the porch, the living room with a clean-cut fireplace flanked by sconces made from old Chinese carvings. The table and chairs are reduced to a graceful minimum.
Move your sewing circle into your linen room sociably. Make light heart of duller domestic duties. Set aside one room for a functional but delightful workroom, well lined with closets to hold your bed and bath linens, your Winter storage, your darning and your sewing. Have a few comfortable, armless chairs for companionable needlework. Hide your sewing machine neatly in a cupboard. Count on a good cutting table and ironing board. If you can, see that your laundry chute drops from this room. Make it a cheery, welcome room, a carefully detailed room, and you'll enjoy sorting your linens and frilling a flounce. Tailor the shelves with an eye to their contents: shallow shelves for sheets, deep shelves for blanket-covers, spreads, quilts and pillows. Spike one shelf with spindles to hold large spools, balls of yarn, embroidery hoops. Box some shelves into pigeonholes into which blankets may be tucked, rolled up G.I. fashion to take up less room. Divide one shelf into smaller squares to take your sewing kit, your knitting equipment, your tailor's chalk and dressmaking impedimenta in apple-pie order. Have a hard-surfaced floor, wood or linoleum, so that sweeping up pins doesn't become a penance. Dedicate some space to cedar-lined closets in which to hang woollens and run shallow drawers up one side for sweaters and socks. Set aside a drawer for linen to be mended, a deeper drawer for patches, stray bits of lace and remnants kaleidoscopic as a missionary barrel! Light the room bright as day and give it enough outlets for a steam iron and sewing machine. Details on page 100.

Linen treasury

A proud linen room, handsome as a Georgian morning room but compact and convenient as a ship's galley. Solid-backed louvered doors fold over the mathematically precise shelves—give the room architectural élan. The ceiling and shelves are cerulean blue to make the linen look even snowier. The white curtains of muslin are sun-bleached fresh. Insouciant red and white striped cotton pads window seat stool, pillow. The shiny black linoleum floor is no hiding place for needles or pins. One louvered panel drops on a counterbalance, becoming a cutting, sewing and flatironing table. Back of it are the smaller shelves for sewing materials. Drawers around the baseboard hold pins and needles, soap and tissues. One conceals a laundry chute. Louvers also mask the cedar closets and window-seat radiator. Pigeonholes store the rolled blankets. Accurate shelves hold the sheets neatly with no fumbling. Flush, spot lighting makes it a cheery, workable room, a livable room. To be seen at B. Altman.
STORE THEM WITH CARE, CLOSET THEM CHARMINGLY
Notes on the curative treatment of human ills by gardening —
By Richardson Wright

Among the subjects that have recently engaged the attention and enthusiasm of the gardening world, none offers so many chances for going wrong as Hortotherapy. Since there is no accepted name for it, we have coined this one for the curative treatment of human ills by gardening.

The current enthusiasm—at least for talking about it—has been superinduced by the fact that in army and navy hospitals and in institutions for the mentally ailing it is being used, together with weaving, clay modeling and other manual arts, as a means of helping those sick in mind and hurt in body. That it does help some cases has been amply demonstrated. The danger lies in claiming that it will help all.

Doubtless many of those worthy members of our garden clubs whose pursuit of horticulture has hitherto been limited to making artistic flower arrangements would find that actual gardening does help them no end. We fear, though, that for a time we shall be subjected to extravagant statements by amateur psychiatrists.

No psychiatrist or general practitioner of standing would venture to propose horticulture as a cure-all. Nor would he claim that it is a method of therapy applicable to all patients. They appear to agree on one point—that if a patient is to find restoration of bodily health or the way back from a darkened mind through gardening, the desire to garden must be there or be induced. The desire is part of the cure. Ingenuity and patience are required of those working with such cases, to arouse interest and the desire to give it a trial.

Along the lower tier of New York they still tell the story of the brusque but eminently sane country doctor called in by a patient who was suffering from the ills attendant on having too much money. After his examination he said he would return the next morning with the medicine. He appeared bearing a spade, a rake, a hoe and two packages of seed and he prescribed a row of corn and a row of zinnias. It was not his general prescription, however. Were gardening declared a cure-all, our hardware stores and seedsmen could scarcely handle the business.

Today there is serving in our Army, and well past the military age, a prominent New York Supreme Court judge who was sorely wounded in World War I. Brought home from hospital, he was still unable to walk. It was Spring. Always an enthusiastic gardener, he felt that if only he could plant some seed he could get well much faster. So each day he was carried out to the garden and set on the ground. With great effort he managed to hunch himself along. After a few weeks of this, when weeds began appearing, he found he could get onto his knees and wriggle. By mid-Summer he was walking and working all over the garden. It was a slow cure for the restoration of wounded leg muscles, but the desire to garden was the beginning of it. He, fortunately, had the desire.

What of those who lack the slightest glimmer of desire or interest? There is no more convincing evidence than to see seeds come up. Place a pot of earth beside a patient’s bed, plant in it beans or a sprinkling of rape seed. Within a few days they will germinate and begin pushing up through the soil. From this simple method for arousing interest, it is no far cry to the desire for gardening that is awakened by a colorfully illustrated seed or nursery catalog.

Long practiced gardeners can readily attest that the physical work required in gardening can rid the body of many an ill and clear the mind of many a cloud. Nothing banishes anger or worry like honestly spading up a patch of land. Somehow our troubles run out of our pores. Nothing so restores one’s faith like bringing to flower a dead-looking bulb that we buried in the earth on a previous cold November day. Nothing so induces simplicity and humility—good for all minds—as realizing, after we have gardened for years, how little we know, how vastly more there is to learn.

One of those unexplored worlds is that strange kinship gardeners come to feel between their bodies and the earth in which they work—that earth from which their bodies sprang and to which they eventually will return. In some unexplained way we draw vigor from the earth, just as Antares, by touching earth, caught strength to carry on the fight.

Meanwhile bio-chemists and other questing minds in laboratories (Continued on page 91)
Fuchsias and African marigolds by E. Vuillard
The future of the English village

By Sir Charles Reilly

There is nothing in the world quite like an English village. Whether it clings to the side of a Cornish cliff, nestles among the gentle contours of the Cotswolds or d awes beside some tree-shaded stream in East Anglia it is a living link with the past. Grown up through the centuries around the village church and the village inn, it has developed a deep, if instinctive, unity and picturesque quietness of composition as satisfying in their way as the more obvious perfections of our cathedrals. How will such villages fare in the changing, post-war world?

Everybody, I think, approves the present plans for revived agriculture in this country, which aim at doubling the rural population. But double population means double housing—and if we are not careful we shall wake up some morning to find semi-detached villas elbowing cottages built when Charles the Second was a boy, and rows of prefabricated bungalows disfiguring five-hundred-year-old village greens. Village streets and outskirts will break out in a sporadic rash of new houses, spaced twelve to the acre as the Ministry of Health demands, in order to earn the government grant.

Our problem is to preserve unspoiled the old while making room for the new. And since (at the moment of writing) the Ministry of Town and Country Planning is concerned solely with the blitzed and blighted areas of the town, it is up to the County Councils to tackle that problem.

The most cherished of our historic villages should certainly be preserved as public monuments, perhaps under theegis of the National Trust. Some of them already are, but not nearly enough. This does not mean that they should be laid away in lavender as historical curios to wither from inanition. Village life should continue uninterrupted. Rebuilding and new buildings should be permitted, but only under the direction of knowledgeable and competent architects. I would go still further. The character of such a village depends not only on the shape and fabric of its buildings but on the quality of the people who live in them. To maintain this character, therefore, I would insist that the majority of the inhabitants should be, not escapists, artists and literary folk running away from the big cities but people definitely and firmly connected with the productive life of the neighborhood.

Whether or not it becomes a public monument any village worth the saving can be protected by a “green belt” of unbuilt-over land. Town planners are using the device, so why not the villages? Such a belt could be, say, half a mile wide and beyond it satellite hamlets would rise to take care of newcomers to the district.

But even outside the green belt we want to avoid ruining the landscape. No peppering about of little cottages or pairs of little cottages without any relation to each other—or, for that matter, in dismal, characterless rows. Each hamlet might well have its own village green, big enough for a cricket pitch, with the twenty or thirty cottages grouped around it, together with such auxiliary buildings as are needed—recreation centre, nursery school, perhaps a small general store. The church and the inn in the main village would serve the hamlets too, though it might be well for the larger ones, at any rate, to have their own pub. Nothing stimulates community spirit more than conversation over a glass of beer, and without community spirit the new hamlets will put down no roots.

Finally, rural England, whether in the old village or in the new hamlet, must offer more life and colour to offset the lure of the cities. Experiments along this line were being tried out before the war—one of the most interesting being the “village colleges” organized in Cambridgeshire by Mr. Henry Morris, Director of Education to the County Council.

Realizing that many villages were too small to support a community centre of their own, Mr. Morris linked by motor transport a dozen or more to specially designed and built centres which, although they served as schools for children by day, were much more than educational establishments. They were clubs for social intercourse, for debates and discussions, for lectures and classes from foreign languages to higher mathematics; they were centres for music and the drama, for all the crafts and arts from cooking to ballet dancing. They were places where individual learning need never stop.

So far there are four such colleges in different parts of the county. The latest, at Impington, designed by Walter Gropius and Maxwell Fry, puts to shame all the recent University buildings in Cambridge itself.

Such new life have these colleges brought to the country districts, even without the liquor licenses they quite rightly seek, that before the war local publicans were complaining that Chekov and the Ballet Joos were interfering with their custom. Motor transport is out, of course, for the duration but even during the blackest of the blackout hundreds of enthusiastic students risked life and limb every week bicycling to and from their favorite classes. These enthusiasts ranged in age from boys and girls of fourteen to old people of seventy and more.

The suggestions outlined in this article are, of course, incomplete but perhaps enough has been said to prove that, with an intelligent system of country planning, rural England need not fear the inevitable post-war changes. Given such planning, the new will grow up beside the old without spoiling the charm of the countryside. Village colleges, or their equivalent, will bring fresh interests to all isolated districts. The English village will be a happier place to live in, while losing none of its appeal for visitors who make it the goal of a pilgrimage to the past.

LEWIS, AN AGE-OLD VILLAGE TUCKED AWAY AMONG THE SUSSEX DOWNS. PAINTED BY ERNEST WALKER
Weaving is a very satisfying hobby. You can get immediate results without an interest-waning apprenticeship. Once the loom warp is set up the total tyro can throw the shuttle back and forth and watch the cloth grow before his very eyes with quiet satisfaction.

Weaving has been of the fabric of human civilization since Ur of the Chaldes. Basic techniques are similar everywhere with local additions and variations in color and texture. China has always loomed arrogantly opulent silks. She has even used some of her fabrics in tribute payment. Egypt wove subtly thin cottons that have been so charmingly portrayed in her diaphanous frescoes. India has her gaudy, metal-shot cottons. Classical Greece and Rome set their mark on fine white woolens and dyed them purple for their aristocracy.

Colonial housewives treadled out yards of material for clothing. In lighter moments they wove materials with which to decorate their austere homes, and made fine linens for a daughter’s dowry. The ingratiating hum of this cottage craft is carried into the very names of their fabrics: linsey-woolsey, tweeling, and jean.

These pioneers brought with them their own old-country background to this craft. Scottish Southerners, Pennsylvania Mennonites, New Amsterdam Dutch, New Hampshire Irish wove their own heritage into American fabrics and worked out between them what is now typically American. Summer-and-Winter weave—a reversible pattern—and their new designs for the Colonial coverlet or “kivver” are part and parcel of our tradition.

An amateur can copy the old designs “Rose in the Wilderness”, “Sunburst” and “Queen Anne’s Lace” (see page 107). An amateur can use as much ingenuity as fancy urges him. Wools and chenille, soft rayons and metallic threads are texture-inviting. Bold plaids in cotton or wool are more compelling to others.

Small place mats are a good beginning and a pleasing addition to fine china. Advanced ambitions take to tweeds, soft crib blankets, angora-striped throws. The zenith is curtain or upholstery fabrics woven with nubby textures or in surprising patterns, even Swedish textiles for country kitchens, game rooms or a lake cabin.

Weavers move in a world of their own once they have been caught up in enchantment of this hobby. They sound like the rankest bobby-socked hep-cat. They “beat with the batten”, “gait the loom”, “tie the lease-knot” just as their Mayflower ancestresses did. In

(Continued on page 105)
1 Warping frame: Measuring off the warp or foundation yarn in equal lengths is the first step in weaving. The yarn is wound on pegs of the warping frame to required length and built up in a series of even threads so each will lie in proper sequence in transfer to loom.

2 Chain the warp: Using the hands like a crochet hook, the weaver works the yarn into an ordinary chain to remove it from the warping board. Chain keeps the yarn from tangling when transferred to the loom; makes it easier to handle when stringing the loom.

3 Beaming the warp: Setting up the loom starts with beaming. The threads are attached to a warp beam or roller at the back of the loom. A raddle or a reed keeps the threads evenly spaced while the roller turns. The ends are pulled tightly toward the front.

4 Sleying the warp: The pattern is threaded through the eye of the heddles and the warp threads are hooked or sleyed through the reed. This completes the threading of the loom. Warp ends are then tied to a canvas apron attached to the cloth beam.

5 Shuttles and bobbins: Every craftsman has his own assortment: over-sized shuttles for rugs and blankets; boat-shaped for linens and tweeds; stick type for weaving narrow fabrics; place mats, scarves. Bobbin-winder (at top) reeds weft yarn on quills used in shuttles.

6 Bobbin-winding: Table swift holds skeins of weft yarn taut. Weaver reeds yarn on bobbin or quill with the aid of bobbin-winder. Table swifts can be adjusted to any size skein; open and fold like your best umbrella, pack out of sight when not in use.

7 Table looms: Many beginners like working on table looms. They take up little space, are easy to store, easy to carry around. They're inexpensive and the right size for weaving place mats, towels, scarves.
The perfect fence is one which does what is required of it yet is a complement, not an unfriendly detriment, to its surroundings. Why have a fence? Perhaps to mark the boundary of your property, to make a background for a border, to keep the neighbor’s dog out or your own children in, to give your back lawn a measure of privacy, or just because you like fences. The eleven pictures on these pages are a pretty but practical précis of many types. They prove their point that fences, like buildings, come in all varieties of shades and flavors, with invitations to the fanciful which no ingenious mind can resist.
A FENCE AND GATE WITH WINNING CHARACTERISTICS: SIMPLICITY, GOOD PROPORTION, RUGGED CONSTRUCTION

THIS HOUSE WOULD BE INCOMPLETE WITHOUT FENCE AND GATE

LATTICE, IN THE FRENCH TRADITION, CREATES A LITTLE COURT

FOR THE COUNTRY ESTATE NOTHING BEATS THE POST AND RAIL

BRICK AND WOOD COMBINED—OFTEN SEEN IN THE WEST INDIES
### JANUARY, 1945

#### The Gardener's Calendar

**Monday, January 1, 1945**

1. **Sleet and slush, ground’s all mush. Resolved: no room for gardener’s gloom. Plants need care in dry house air. . . . Happy New Year!**

**Tuesday, January 2, 1945**

2. **Branches of the old Christmas tree, if still fresh, can be used as pepper-uppers in vacant window boxes. If dried out, to pep up the fire.**

3. **Flowering holiday plants will hold their blossoms longer if kept out of direct sunshine. So a rearranging of the window garden may be in order.**

**Wednesday, January 3, 1945**

4. **If your vegetable garden suffered from plant diseases, consult U. S. Dept. of Agric. Leaflet 203 for disease-resistant varieties to plant.**

5. **To take the place of holiday plants that may become jaded bring in twigs for forcing: larch, flowering almond and quince, witchhazel.**

**Thursday, January 4, 1945**

6. **Time to move rested geraniums and hydrangeas to a sunny window. Gradually increase water and feed plants every two weeks.**

7. **Sunday, and a good day to pace off ground available for fruit. Apple or cherry needs 40’ diam., pear 25’, plum, peach 20’, bush fruits, 4’.**

**Friday, January 5, 1945**

8. **Transfer some potted daffodil, tulip and hyacinth bulbs from the coldframe to a light, cool window. Expect bloom in 6 or 7 weeks.**

9. **At this bleak season good Winter effects outdoors are appreciated: red berries of Hawthorn, barberry; deep green hemlock foliage.**

10. **An evening can be profitably spent browsing among garden books in local library. They will give ideas for Spring and succeeding seasons.**

**Saturday, January 6, 1945**

11. **A plan of your property pays dividends. Some fine day measure grounds and on paper indicate buildings, trees, shrubs. Redraw to scale.**

12. **T. H. Everett, Horticulturist of the New York Botanical Garden, born this day in 1903 in Liverpool. . . . Deciduous shrubs can be moved now.**

**Sunday, January 7, 1945**

13. **Hardwood cuttings can be taken from weigelas, privets and other shrubs, budded, and kept in sand until forcing time in the Spring.**

14. **In ordering fruit for Spring planting remember that some are self-sterile so two or more varieties should be planted together.**

**Monday, January 8, 1945**

15. **U. P. Hedrick, author of “Fruits in the Home Garden”, past Director of the Experiment Station, Geneva, N. Y., born this day in 1870.**

16. **Give the slip to gladiolus thrip. All corms fumigate. Clean and pack in paper sack; then add naphthalene flake, one ounce per 100 corms.**

**Tuesday, January 9, 1945**

17. **R. C. Allen, Secretary of the American Rose Society, born this day, 1907, in Barre, Mass. . . . Force fruit branches, study bud development.**

18. **House plants are in an after-holiday slump, not from excess of food and late hours, but from lack of fresh air and humidity.**

**Wednesday, January 10, 1945**

19. **Collect tools and repair them in the warmth of the cellar. Hand sprayer may need new washer; tool handles may need replacing or painting.**

20. **When moisture steams up terrarium bowl, slide cover to side for an hour or two. Syringe coverless terrariums when they dry out.**

**Thursday, January 11, 1945**

21. **Catalogs may be late in arriving, but vegetable and annual lists can be made up, variety names and quantities can be added later.**

22. **Tests show that hard coal ashes benefit heavy soils by increasing their moisture-holding capacity, aiding fight against drought.**

23. **Do Latin plant names stump you? Learning their meanings will help names stick in your memory. Try Bailey’s Cyclopaedia as a starter.**

24. **Swapping slips is an old custom. Have a rooting case ready for hand-outs. Fishbowl filled one-third with clean sand, glass-topped, will do.**

25. **A jessamine in northern clime with yellow flowers in fragrant showers will now be hung if grown in sun. . . . Save wood ashes for root crops.**

**Friday, January 12, 1945**

26. **Harvesting of greens from forced Witloof chicory in basement and of chives and parsley from kitchen window gives a great thrill.**

27. **William Crocker, for over twenty years Director of Boyce Thompson Institute for Plant Research in Yonkers, N. Y., born this day, 1876.**

28. **Fines trees, as Mr. Platt points out in this issue, have aesthetic as well as practical value. Check lawn specimens for needed pruning.**

29. **Every gardener hobbies rides: perennial putterer besides. Herbs from borders transfers to pots. Develop odd corners into beauty spots.**

30. **Three things discourage birds: wind that ruffles feathers, snow that covers food, cold that freezes water. Help protect them from all three.**

31. **Test samples of stored flower and vegetable seed for germination between moist blotters in covered dishes. Note germination percentage.**

---

**In my apple I am Squirming. As a worm I’m always turnin. If you would avoid Vermin, watch out for Fellows like little Herman. Sort your Fruit to determine, Which are firm an’ Which are wormin. Conserve food, So ends my sermon.**

---

**Morning stars are Mercury, Mars, Jupiter.**

---

**Evening, Venus, Saturn.**
Carry-all cleaner kit complete with six good cleaning preparations for shining everything in the house from coat cellar. Shaped like a carpenter’s tool box, this wood kit has a convenient handle for carrying it anywhere. "Silverse" liquid silver polish removes tarnish quickly, gives a high luster. Nilbrite, an invisible lacquer film to coat ornamental silver, retards tarnish 30-60 days. Furniture Polish cleans as it polishes, leaves a hard, dry finish. Amron, water softerner and cleaning compound, low in alkali. Safe to use for washing anything from walls and woodworking to fine fabrics. Rust and Stain Remover (one of our favorites) removes stains from porcelain, enamel, tile without hard rubbing. Metal Polish restores original brilliance to brass, nickel, copper. Set complete for $9.95 at Lewis & Conger’s. Preparations can be bought individually if desired.

Dogs catch cold as easily as humans. Avoid such possibility by dry cleaning your pet with Sudbury Hygienic Cleaning Powder instead of bathing him. It does a quick, thorough job without the usual fuss and muss attending a water bath. Simply sprinkle the powder on your dog, or cat, work it in gently with your hands, brush it out. It cleans hair and skin, removes odors, does a good riddance job on fleas and mites. Large cone-shaped container for $1.00 at Peter Henderson. Or send direct to Sudbury Laboratory, 766 Dutton Road, South Sudbury, Mass.

Two new pressing aids for that hand-box look. Steam-press your woolens, worsteds, silks the professional way with chemically-treated Pres-Kloth. It allows live steam to penetrate through the garment. It protects from scorch, shine and iron marks. It gives a tailor-pressed finish to all clothes.

Coat and dress shoulders, gathered sleeves and such hard-to-get-at places are easy to do with Pres-Mit, the padded mitten which slips over the hand. Use it, too, without an ironing board for those occasional wrinkles you never notice until you’re ready to leave the house. Both at Lewis & Conger’s, 69c each.

A Mobile Ironing Set is their own bright idea for the service man’s wife, the traveler, the live-aloner: Pres-Kloth, Pres-Mit, sponge, Afta Spot Remover, folding ironing board. All for $5. Easy to store, easy to transport.

"Simple AND BEAUTIFUL ALWAYS"  
In these words of the poet Longfellow, is the inspiration of Tuttle Craftsmen. When again it is possible to buy new silver, remember that Tuttle reproductions in solid silver bring to your home the charm of authentic design and the romance of tradition ... the precious stuff of which treasured heirlooms have always been made.

From the Guild Collection of Flower Cards

at better gift or bookshops, stationery, department or drug stores.

WESTERN PLAYING CARD COMPANY  
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New EAR APPEAL for Jesse French Pianos

Dr. William Braid White analyzes the tone of a Jesse French Piano. Retained by French as a special consultant, Dr. White is generally considered the foremost scientist in the piano field. From his laboratory in Chicago have come many notable discoveries. He is author of standard texts on piano construction, tuning and servicing, and has trained leading technicians.

Yes—the new Jesse French Pianos will sound better than ever. Important scale and tonal improvements have been developed by French technicians, working with Dr. William Braid White, foremost piano authority. From the moment you hear the ear-caressing tones of this new French Piano, you’ll want one. And when you see the distinctive new designs, created by Alfons Bach, you’ll know that here, at last, is the piano that’s exactly right for your home. Available soon—ask your piano dealer.

NEW CASTLE • INDIANA

HOUSEHOLD SHORT CUTS

Continued from page 73

Shine up silver with less effort, less time with Silverfleece. Soft, cotton fleece impregnated with a special non-abrasive cleaning agent eliminates all hard rubbing. A few swipes over your silver, time out for drying, a soft cloth wipoff is all that’s needed for a long lasting luster. Silverfleece can be used over and over again. $1 a large jar at Hahnacher Schlemmer.

More chemically-treated cloths. Service men and women in particular, housewives in general, will welcome a polishing cloth with the metal polish right in it. The military will use it for slicking up buttons, buckles, insignias. A handy button board comes with it and the whole takes up little room in the duffle bag. The housewife can use the Coke Double Surface Polishing Cloth for shining up all metal surfaces. 25¢ at B. Altman & Company.

Hard-water victims will rejoice to hear about Mur-dene, new soapless cleaner free of all soap-making fats and caustic lyes. A wartime brain-child, born of G. I.’s necessity for washing clothes and taking baths in sea water, Mur-dene flake lathers into rich suds in any kind of water. They leave no lime soap film or scum on dishes, glassware, bathtub or clothes. Use it for the finest lingerie, easy on the hands. 32¢ a can at retail grocers.

New aluminum foil to preserve foods, cooked and uncooked, will soon make its appearance on grocery shelves. Used commercially for years to pack processed cheese, yeast, candy and cigarettes, Reynolds Metal Household Foil is now designed for home use to protect foods for storage in refrigerator or pantry; for cooking; for home freezer packaging.

This aluminum foil will come in rolls, conveniently packaged to tear off easily in desired lengths. It’s moisture-proof: wrapped foods like lettuce, celery, will not become dry or shriveled. It’s odorproof: strong foods like onions, cheese, won’t share their odors with others in the refrigerator. It can be fitted over bowl tops, sealed securely without benefit of string or rubber-bands by pressing edges close to the sides of the bowl.

For cooking: potatoes, fish, vegetables baked in the foil retain their moisture, their full flavor. The material may be used as broiler-pan lining to catch the meat juices and simplify broiler cleaning. After cooking, the foil may be gathered together, fat and juices poured off. Discard the liner, and presto, the pan is span-clean.

For home freezing: an excellent cold conductor, it makes practical packaging material for this purpose.

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Tables by WEIMAN

Send 10¢ for "Table Tricks" booklet to The Weiman Co., 2500 11th St., Rockford, Ill.
Shades of the East... her provocative Persian pajamas... her luxurious Marlboro Cigarettes, enriched with subtle oriental leaf.

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BEAUTY TIPS

Cigarette of successful men and lovely women
From Puerto Rico,
jewel of the Caribbean,
comes this finer
"mountain rum"

Distilled in the mountains, high above the blue Caribbean, Ron Merito possesses a rare flavor, distinctive fragrance and delicate smoothness not found in any other rum. Tonight—enjoy this taste sensation from tropical Puerto Rico. Try it in your favorite rum drink, or, if you want a pleasant surprise, use it in a cigar roll as well as a garden subject. Display is most intense in September.

Every gardener enjoys trying a few new plants, especially if they are highly recommended for outstanding performance. And he also grows older varieties that have proven their worth over the years. Through horticultural trials conducted at The Pennsylvania State College the writer has been privileged to study and compare hundreds of varieties of annual flowers, both new and tried. The following brief notes will help the "seker de luxe" varieties of popular annuals.

Ageratium Midget Blue, smallest of the common compact edgers, grows only 4 inches tall and from 4 to 7 inches in diameter. Its size and abundance of blue flowers make it valuable for small formal beds.

Alyssum Carpet of Snow and Violet Queen are two very dwarf, symmetrical plants that bloom constantly from early Summer until killed by frost. Both are definitely superior to the tall, spreading Alyssum maritimum, particularly for a very well defined border.

Nierembergia Purple Robe, a very recent introduction, quickly gained popularity through its dainty habit of growth and profusion of lavender-blue flowers. It is a couple of inches taller than the alyssums, and less compact. Flowers are a deeper shade than those of N. coerulescens.

It is impossible to choose a strain of pansies and designate it as "the best" since there are numerous good choices. The strain with, possibly, the greatest range of color is Roggii's Swiss Giants, in which pink predominates. A fine pure yellow variety is Coronation, with large round flowers.

Petunias aplenty

Petunias, by their numbers alone, may bewilder the amateur gardener. Often their catalogue classifications add to the confusion. To simplify one's choice, it is well to keep in mind that all but the miniatures can be used for mass effect and for cutting.

The miniature group contains few varieties and their value is limited. Violet Gem makes an excellent edging plant. Martha Washington, although not a true miniature, is a very dwarf, compact petunia with prolific flowers of a flesh-pink shade with deeper eye.

A selection of good pastels from the smaller-flowered bedding petunias (under the classes P. hybri
dra, hybridra erecta, hybridra nana erecta, hybridra nana compacta) should include Igloo, a prolific small-flowered white; First Lady, an upright light pink; Cheerful with a profusion of large salmon-pink blossoms; Topaz Queen, Glow or Topaz Rose, rose-pink; Cream Star, light (Continued on page 77).
yellow. In deeper shades, we find Lady Bird, a deep red; Velvet Ball, vel­
vet- red; English Violet, a violet-blue, and Admiral with royal purple flowers.

Four outstanding petunias in the grandiflora class, with large single flow­
ers, are Burgundy, a wine color with white eye; Flaming Velvet, with red flowers like those of Velvet Ball, but larger and on a taller plant; Snow­
storm, white; and Elkh’s Pride Im­
proved, royal purple.

Petunias in the giant class are usu­
ally uniform, the choice depending largely on one’s color preferences. Glamour, a recent introduction, has color contrast, a salmon-rose with cream throat marked with bronze vein­ings. It is better for cutting than for bedding because growth is uneven.

The most striking dwarf semi­
doUBLE or carnation-flowered variety now available in America, is a great ac­
quisation to a garden because it is con­
tinuously covered with medium-size blossoms of mauve-pink.

At the present time the Japanese all-double petunias are unobtainable. However, the new Coastal Shades of Rose variety proves American ingenu­
ity has solved the secret of doubleness and now needs only to develop a varie­
ty of colors.

Variety with marigolds

Marigolds show great diversity in habit of growth and conformation of flowers. Some have odorless foliage but, unfortu­
nately, these often lack the vigor of scented marigolds. The dwarfs are useful for garden display, while the taller have added value as cut flowers.

A choice of the better bedding marigolds would include Yellow Py­
my, which is dwarf and continuously covered with small lemon-yellow flow­ers; Butter Ball with attractive canary­yellow, high-crowned flowers; Spray, pro­
ducing dazzling flowers with an orange crest and brilliant red guard rays; Melody, which has golden-yellow flow­
ers on compact symmetrical plants; and Sunkist, with flowers similar to Melody’s on a less symmetrical plant.

The tall carnation-flowered marigolds are best represented by orange Golden West, which possesses a few more rays than the old Guinea Gold, and the less vigorous, odorless Burpee Gold Improved. A newcomer, Mayling, is a prolific producer of frilled, closely

The peony-flowered marigolds differ from the carnation-flowered in that they have larger flowers with a slight

The chrysanthemum-flowered types may be divided into two groups, mid­
summer and fall bloomers. In the earlier group appear Limelight, with small primrose-yellow flowers, and the more vigorous Golden Glow, an ac­
ceptable golden-yellow, Mammoth Mum, with enormous symmetrical blo­
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NYUENS Liqueurs

Continued from page 77

soms a little deeper in shade than Lime-light, makes an excellent substitute for chrysanthemums in mid-Summer.

Two outstanding singles are the tall Flaming Fire and its dwarf counterpart, the new Flash, already described. Both bloom in early Summer and are a riot of color all season. Color is most intense early and late in the season.

Other tested annuals

Anchusa Bluebird and Cynoglossum Firmament are two choice blue annuals which will supply a much desired color for arrangements if the spikes are cut when young. Both varieties are true to color but more dwarf and compact than the species from which they originate.

Two dependable verbenas are Dannebrog, a sparkling scarlet with white-eyed Borets, and Spectrum Red, an intense scarlet-red.

Among snapdragons, the dwarf Guinea Gold and St. George are still tops because of the marvelous blend of color, though they are not rust-resistant. Their spikes of abundant, loosely arranged florets are splendid for arrangements. There are dozens of other good rust-resistant snapdragons with an expansive range of color.

Practically all the listed varieties of calendula are good garden subjects. They will flower under the most severe conditions and until killed by freeze. The early All-America Selections choices, Orange Fantasy, Orange-Shaggy and Chrysanthemum or S-shine, are still justifiably popular.

Cosmos bipinnatus and C. phaenec are the progenitors of the popular Sensation and Klondike strains which have stood the acid test of time. The Sensation varieties have in pink, red and white flowers, proliferation of bloom early in the cold climates. This is a decided improvement over the slow-maturing, October flowering types and places the Sensation strains in the class of reliable annuals. A recent variety, Dazzler, offers an abundance of deep amaranth Son flowers, adaptable for bouquets. Blooms are remarkably uniform color.

Yellow Flare and Orange Flare, two Klondike favorites, are especially attractive when used with their complement blue. The double forms similar in growth; the extra row of petals adds little to their value as garden subjects or as cut flowers.

Dianthus chinensis has given rise to a beautiful and valuable race of garden pinks known as Hedewigii. These flowers are both single and double with vivid colors and often bizarre

(Continued on page 87)
VEGETABLES
Continued from page 40

lima beans would be, but are much more hardy and thrifty, bearing a wealth of small pods. The objection that these are difficult to shell is easily disposed of by boiling them for three or four minutes, when the beans can readily be squeezed out. At table the beans are attractive because of their bright green color, still more because of their texture and nutty flavor—enhanced, incidentally, by a spoonful of cream in the serving dish—while they are of high dietetic value without starchiness. Consult a local seedsmen as to the variety best adapted to your particular region.

To produce the crisp bean sprouts used in Chinese cookery, and now valued for their high vitamin content, mung beans are used. The plants are of the same general type as bush beans, but bear many long thin pods which are allowed to mature before the small round beans are shelled from them.

As a rule, only the more unusual vegetables are given space in frozen food lockers. A variety of broccoli has been developed which does not grow a central head but instead a large number of shoots which may be neatly packed in cartons for the locker. It is appropriately known as Freezer Sprouting Green.

Every garden, large or small, epicurean or average, should furnish throughout the season enough herbageous plants for salads which, for perfection, must be compounded of fresh and unwilted materials. The list will be as extensive or as brief as the inclination of the gardener, but lettuce may be regarded as the primary ingredient.

Head lettuce of the Iceberg type is much better adapted to commercial production and shipping than to home gardening, for which the loose-leaf varieties, such as Grand Rapids and Early Curled, are much more suitable. They are easier to raise, richer in vitamins, and permit the repeated picking of leaves without destroying the plant.

There is a little head lettuce, however, too small for commerce, which is worth cultivating because of its excellent flavor and texture—Mignonette. Another small lettuce, but of the butter-head type, is Bibb, long popular in Kentucky but now enjoying a wider vogue, probably because a whole head makes a single helping. Oak leaf is also a relatively old variety which is reviving in esteem, being of very good quality and unusual appearance.

The secret of growing lettuce successfully is to get it started early in a rich and mellow bed, as it will not be sweet and well-textured if it has to light for a living.

Cucumber stands high in the list (Continued on page 80)
The page discusses a variety of vegetables and their cultivation, focusing on their适宜性 and flavor. Here is a summary:

- **Dubonnet**
  - Sweet and tangy, Dubonnet offers a distinctive taste.
  - Served chilled or straight, Dubonnet is a smart choice.
  - Perfect for cocktails and highballs.

- **Vegetables**
  - **Sorrel**: Offers a light savory flavor, ideal for salads and soups.
  - **Rocket** (erucola): Known for its distinctive, slightly brackish taste.
  - **Salsify**: Promotes health and is enjoyed for its unique flavor.
  - **Cucumber**: Better utilized in dishes to avoid indigestion.
  - **Celeriac**: Easy to grow and adds a pleasant celery flavor.
  - **Corn Salad**: One of the season's early plants, giving a refreshing flavor.
  - **Cress**: Complements salads and soups with its pungent flavor.

- **Storage and Availability**
  - The war has affected availability, but stores are expected to improve soon.
  - Many vegetables are easier to grow, making them more accessible.

- **Cultivation**
  - Some vegetables require specific care, such as the space and climate needs of salsify.
  - Cucumber is easier when grown with bitter leaves or other herbs.

- **Nutritional Value**
  - Sorrel, rocket, and salsify offer health benefits, enhancing the nutritional value of salads and soups.

This page emphasizes the importance of choosing the right vegetables and the adaptability of home gardens during challenging times. It encourages making the most of local produce and experimenting with new varieties.
VEGETABLES
Continued from page 80

Both for fresh use and for freezing.

Veterans returning from Europe will tell of a vegetable held in high esteem over there: the sea-kale or chou marin, a large, perennial crucifer cul-tivated for blanched shoots of delicate flavor. It can be grown from seed, but much more reliably from root cuttings if these can be had—which is doubtful, as very few American gardeners have attempted sea-kale.

In England and France this cool-weather plant can be grown in the open, but is largely forced in commer-cial production for the Winter trade. It probably would not be adapted to any but the more temperate areas of this country. A heavy mulch is necessary for Winter protection and the shoots in Spring must be blanched by growing below boxes or pots which completely exclude light. The cutting season lasts for three or four weeks; then the plants are allowed to spread naturally and store up food in the roots, as with rhubarb or asparagus, against the following season.

In a garden of moderate size, the bush type of squash can be grown and the new Black Zucchini should be tried. It bears plentifully if the fruits are kept picked when small and immature. It probably would not be adapted to any but the more temperate areas of this country.

Squash blossoms, kept picked when small and immature, naturally and store up food in the roots, as with rhubarb or asparagus, against the following season.

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HOW TO BUILD A STONE WALL

A cool weather project that will improve the looks of your property. By Thomas M. Rippey

PHYTOMIA have from time to time carried views of Prime Minister Churchill relaxing at his country estate by building walls of brick and stone. From long experience the writer can vouch for this recreation, not only from the standpoint of pleasant physical exercise and being outdoors, but because there is a very definite satisfaction in creating something that gives promise of enduring perhaps for years.

Broadly speaking, and without regard to various patterns of masonry, there are two types of stone walls. The first is the dry wall which is laid with the stones atop one another without benefit of cement or mortar. The second type is known as a wet wall because its rocks are cemented together. The theory of the dry wall is that it acquires its strength through the friction and weight of its components, whereas the mortar does the trick for the wet wall.

Each type has certain advantages. Less care and poorer stone can be used in the wet wall, as the mortar covers a multitude of sins. However, since weight is a prime factor in the dry wall, it is usually constructed thicker than the mortared wall and requires more stone. Also, the top course or layer of a dry wall is continually being knocked off by children and dogs unless the precaution is taken to use heavy top stones or add a cement cap.

If a dry wall is erected against a high bank its open joints will eliminate the building up of water pressure which would eventually shove the structure out of line. If a mortared wall is built in such a location openings or weep-holes must be left at staggered distances in the wall to allow the ground water to seep through. Drain tile inserted through the structure is often used.

The decision as to which of the two types of masonry to construct rests on the location, surroundings, and your own taste. If a rustic quality of the grounds is dominant, the dry wall would be more appropriate. If the motif of the surroundings is formal, then a mortared or wet wall is suggested.

Up to the actual point of laying the rock the preliminary steps are the same. First fix on the length, width, and height of your proposed stone-work in feet and inches. Multiply these figures together to arrive at the cubic contents. Then divide by twenty-seven to see how many cubic yards of (Continued on page 85)

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HOW TO BUILD A STONE WALL
Continued from page 82

stone you will require. In some parts of the country stone is sold by the "peck". If you run across this custom simply use twenty-five and one-half as the divisor instead of twenty-seven.

When you are ordering your stone also make arrangements for your footing rock. This can be of a poorer quality, and therefore less expensive, as it is placed underground as a base to prevent sinking. How deep the footing should go is a matter of climate as this footing is subject to movement by frost during the Winter seasons and obviously should be deeper in colder zones than in the warmer ones. A reasonable depth is from twenty to thirty inches. You can figure your requirements for footing material by the same method as used for the wall stone once you have decided upon the depth.

Your first physical work will be to dig out a footing trench the fixed depth and the length and width of the wall you desire. Then place the footing rock as snugly as possible in this trench. A thin mortar can be worked down among the stones or the voids tightly packed with finely broken rock. See that the top of this footing is an inch or so below the ground level and that it is plumb as smooth as possible.

Next drive wooden stakes into the ground at each end of the footing and as close as possible to the footing edge which is to be the finished face of the wall. The stakes or batter-boards, as they are sometimes termed, should be three or four inches taller than the highest point of your intended structure. After being driven, it is important that these stakes should be tested for plumbness with a hand-level for they must be perfectly straight up and down without any tendency to lean in any direction. They will remain in place until the work is complete and will support the line or cord which will be fastened to them to indicate the proposed face of the wall.

Now tie a mason's cord to one of the stakes and pull it taut around the other just far enough off the ground so that it is free, making sure to have the cord on that side of the stakes nearest the footing. This tightened cord now shows you the line which your completed handiwork will follow. It is not good practice to have wall stakes more than eight feet apart. Space them at eight feet, drive them against the cord, then test them with the hand-level.

Then glance at the stone you are going to use. If most of the rock contained in this pile averages three inches in thickness, measure up four inches from the ground on each of the end stakes and tie your cord snugly and (Continued on page 84)

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Without sag at these points. If the average stone thickness is two inches set the cord at three inches above the ground. In other words, the thickness plus an inch for joint space is the rule. Now mark a line on each of the in-between stakes where the rock touches them so that you can place a cord between any two of them with assurance that the string is at the proper height. This done, your cord is set for line and grade and you are ready to lay up stone.

To do this, begin by selecting a stone and placing it on top of the footing with its upper outer edge following the cord. The top edge of the rock should be just below the cord. Now carefully raise the stone until the top edge not only follows the cord but is also at the same height. The cord and the rock's upper outer edge should just barely touch. If you are constructing a dry wall, shave a few thinner stones under the rock in process of being set to hold it in the above position. If the wall is a wet one, a trowelful of stiff mortar is placed under the stone for support.

When the stone properly meets the cord, try your hand-level across it, from front to back, to determine whether it is level in that direction. If it is not, raise or lower the back end of the rock until the level bubble centers and anchor the stone in that position.

Continue this procedure until the first course has been laid for the entire length of the job, installing the rocks side by side. Then, with another look at your base of supplies to ascertain rock-thickness, raise your cord on the stakes uniformly and commence the second course. The stones in the second course, as well as those in the succeeding courses, are laid to cover the joints between the rocks of the course below. This makes your wall integral and is the secret of its strength.

It is plain that the setting of the cord is highly important and that if the top edge of each stone laid is brought precisely to this cord, the resulting wall will be not only straight and solid but the courses will also appear professional. Assuming, of course, that you have not allowed the cord to dip or sag.

When your structure has attained its finished height, remove the cord and stakes and do what the masons refer to as "tightening her up". In a wet wall this is accomplished by filling all joints with a stiff mortar. In a dry wall thin pieces of stone are driven back into the joints until tight, for added strength. The general appearance of a mortared wall is greatly enhanced if.

(Continued on page 86)
can see on the twig of a black locust is a little scar; the buds are hidden beneath the bark.

The angle at which a bud is set on a twig is eloquent. The willow bud hugs the twig closely. The poplar bud also stands up against the twig, but not quite as tightly. The elm leaf bud is always tipped to one side. The birch makes a 45° angle with the twig. And the buds of hickories stand out at a wide angle.

Bark sculpture

Tree bark is usually ignored as colorless, shapeless, and inert. That is just what bark is not. It often has rich color, distinctive form and, in late winter, it is filled with activity as a vital organ of the tree.

The best known bark is that of sycamore which is as colorful as a "patchwork quilt" of white, brown, and blue-gray patches.

Another readily recognized bark is the birch. Birch bark stretches enough to cuddle and cover the trunk with its smooth surface, even as the tree increases considerably in diameter.

Two distinctive types of birches have white bark. In New England the commonest is the paper birch, used by the Indian to make canoes and other birch bark products. This is characterized by a clear chalky whiteness on the outside and bright orange-tan on the inner surface, and may be peeled off in large strips. Since the days of the Indian birch bark canoes, too many people have killed too many trees by taking strips of bark. Please spare the paper birch.

The other is the gray birch, one of the commonest trees around New York City and westward. This has a gray-white bark that peels in small shreidly strips. The sweet birch is another of this group with a smooth, distinctive bark that is dark mahogany-red. The inner sweet birch bark has a strong wintergreen flavor.

Easily confused with the sweet birch bark is that of the cherries. Our common native black cherry has smooth mahogany-red bark where it is young on the upper part of the tree and outer ends of the limbs. But the older bark on the trunk breaks up. That is one way to tell it instantly from the sweet birch, which more often remains smooth and glossy over the tree trunk.

The bark of the beech is silver-gray. The younger bark of maples is a warm orange-gray blend. That of willows is bright golden yellow.

The sculpturing of bark is fascinating to study. Each species makes (Continued on page 86).

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ANNUALS — OLD AND NEW
Continued from page 78
markings. Heidewigé Gaiety is an outstanding variety with single bizarre flowers. Splendens, with single red, white-eyed flowers, is also attractive.

Colorful zinnias
Among the zinnias there is a wide choice, both in color and size and all are generally dependable. The super giants offer a paradise of flowers in most pleasing soft colors and in many artistic blends. The several Fantasy varieties are outstanding for good colors, all true to type. The color white has been disappointing in large-flowered zinnias for it is not pure, but a dull, very pale yellow; white varieties are usually smaller-flowered than those in other colors.

Many varieties of morning-glory have been introduced in recent years. Most noteworthy are Pearly Gates (white), Heavenly Blue and Scarlett O'Hara. The first two are more vigorous than Scarlett O'Hara which has a tendency to trail rather than climb.

A few other annuals which have stood the test of time are Phlox drummondii varieties Rosey Morn, Salmon Glory and Red Glory; Salvia farinacea Royal Blue; Scabiosa Blue Moon, Peace and Heavenly Blue; Hunningmannia Sunlite; Calliopsis Golden Crown and Hollyhock Indian Summer.

VEGETABLES
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and dipped in a flour and egg batter, then fried, are very delectable.

In recent years something of a vogue has developed for watermelons sufficiently small that a whole one may be kept in the average home refrigerator. Several varieties are available, one of which, White Mountain, from the New Hampshire Experiment Station, matures satisfactorily in northern states. It is not much larger than a football and is sweet but rather seedy.

PAPER CHASE
We know you save your daily and weekly newspapers for salvage. We know you use a shopping bag and carry packages unwrapped whenever possible. We know you return cardboard laundry boxes, egg boxes and such so they can be used again. But have you gone through the house recently on a paper-salvage hunt?

What about those cardboard dress-boxes, those back numbers of magazines, (including Horse & Gun), those piles of receipted bills and answered letters? What about out-dated scrap-books, old time-tables, travel folders, garden catalogues? Pile them all on the salvage heap and send them off to active service.

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INSECTS... THEN
AND NOW

Continued from page 43

been growing more and more year after
year. The promotional campaigns of
nurserymen and seedsmen have been
responsible in part for this, and
the movement has been encouraged by in-
formation sent out by agricultural col-
leges, extension agents of state and fed-
eral governments, botanical gardens,
garden clubs, and garden magazines.

Not only are more of us gardening,
but in our gardens we are growing a
greater variety of vegetables and are
constantly on the look-out for new
ones. Fortunately many plants resistant
to insects and disease have been de-
developed, but in general, the greater
variety of crops grown, the greater the
variety of insects to be found.

Also, unless limited by lack of
space, most gardeners plant for some
kind of succession of crops throughout
the season. It is well known that plant-
ings made at one time may be much
more susceptible to insect attack than
those made at other times—due to the
seasonal cycle of the insect in ques-
tion. Thus by planting in sequence we
are more likely to meet with insect
troubles.

Then, too, gardeners of a genera-
tion ago, expecting some loss of yields
due to insects, may have planted extra-
to "feed the bugs". The words of ad-
vise to plant "one for the cutworm, one
for the crow, one to rot, and one to
grow" may have expressed the pre-
vailing submission to difficulties be-
lieved unavoidable. Today, we may be
more conscious in trying to over-
come such difficulties by chemically
treating our seed and practicing other
cultural and chemical control measures.

Probably the principal reason why
we appear to have more insects now
than "when I was a boy" is because
three of our most destructive insect
pests are new to us—at least those of
us in the northeast. These relatively
new insects are the Japanese beetle, the
European corn borer, and the Mexican
bean beetle. In many gardens these in-
sects may appear in such numbers and
be so destructive that attention is fo-
cused on them, and all the other wel-
known and long familiar insect pests
assume minor importance and may even
be forgotten—at least temporarily.

Just why should these insects have
become so numerous, and because of
their numbers, so destructive? To be
sure, all of them are importations from
other countries, but this by itself means
nothing. For many insects have been
introduced from other countries with-
out becoming serious pests.

There is no single reason why an
imported insect becomes destructive.
In some cases an insect not a pest in
its native land becomes one when in-
troduced into a new area or, conversely,
the insect may have been a pest in its
homeland, but is not troublesome in
this country. Changes in environment
or a change in the habits of the insect
may determine whether or not an im-
ported insect may turn out to be de-
structive.

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INSECTS...THEN AND NOW
Continued from page 88

In general, a new insect may become firmly established if several conditions are present, the most important being: favorable climate, an abundance of food, absence of natural enemies, and lack of adequate control measures. The absence of natural enemies is often given undue importance, but nevertheless is a definite factor.

Let us see how our three most destructive insects came to be so notorious.

Mexican bean beetle
The Mexican bean beetle, as the name implies, was a native of Mexico and was long a pest of the southwestern United States. It was not introduced into the eastern States until the time of the first World War, when it was first found in Alabama. Of course every farmer and every gardener raised beans, so the beetle spread rapidly to the extent that within fifteen years it reached almost every state east of the Mississippi River. At present, satisfactory control measures are known, and when these are generally applied against the beetle, it will no longer be a serious menace. To be sure, it will continue to be a nuisance just as the potato beetle has been.

Control measures against the Japanese beetle and the European corn borer are admittedly not as satisfactory as desired, and as a consequence both of these insects are spreading geographically.

Japanese beetle
In its native Oriental home, the Japanese beetle is not a serious economic pest because its favorite food plant is a weed, and the land is so intensively cultivated that little breeding ground is available to the beetle.

In this country, on the other hand, not only is the climate favorable to it, but extensive turf areas in public parks, golf courses, cemeteries, private lawns, and pasture land offer desirable breeding grounds. Also, almost 300 different plants may serve as food for the adult beetle. Of course, some of these are preferred to others, but even some of the favorite food plants are found in woodlands as well as in cultivated areas. The natural enemies of the Japanese beetle—both native and imported—are certainly killing off many beetles and their grubs, but they are inadequate to prevent the spread of the insect.

European corn borer
The European corn borer was introduced into Massachusetts probably in 1917. This insect, too, found a greater variety of plants to its liking. Whereas in Europe it had been found in twelve plants, only one of which (corn) was of real importance, here it has been found in over 200 plants, thirty-five of which are of primary importance. Corn is, of course, the principal economic host to the borer, but if corn of

(Continued on page 90)

Dear Morpheus . . .

Subject: . . FARIBO BLANKETS

As the god of Sleep and Dreams, we think you should know we’re bending our best efforts to keep up with your clientele. Naturally, your devotees in the service come first. And Morph’, we’re also doing our darndest to furnish department stores with the stuff your dreams are made on . . . beautiful all-virgin-wool Faribo’s, warm, silk-soft, light as air. But sometimes we just . . . can’t . . . make it.

So if we come through with some but not all the Faribo’s your civilian clientele wants right now, tell them to be patient with us, will you, Morph’? We’re working with you for deep sleep, sweet dreams!

Sincerely,

FARIBO WOOLEN MILLS
FARIBAULT, MINNESOTA
INSECTS...THEN AND NOW

Continued from page 89

A satisfactory size is not available at the right time, the insect has no difficulty in finding a substitute equally to his liking.

There is no reason to think that in the future other insects native to other lands will not reach this country and become pests just as serious as those mentioned. The danger of introducing foreign insects is becoming increasingly great due to the accelerated and modified international transportation necessitated by the current war. In particular the airplane offers an easy and rapid conveyance for an insect "hitch-hiking" from one country to another.

To offset this is a staff of competent inspectors and quarantine officers who are alert to intercept these six-legged invaders which might do us harm. The difficulties at present are numerous, however, and many potentially dangerous insects are bound to escape detection until they become well established here.

Recent arrivals

As a matter of fact, there are a number of insects which have become established so recently that we can only guess as to their ultimate spread and destructiveness to gardens and crops. Less than ten years ago the white-fringed beetle appeared in Louisiana. It is at present confined to limited areas in the South, but the larvae of this insect are known to feed on some fifty different kinds of plants, including a number of garden crops.

A few years ago a relative of the Japanese beetle was found damaging turf in New York State. This is known to be a pest in Europe.

Another native of Japan, a weevil, is present in increasing numbers in the northeast, and its habit of feeding on a wide variety of plants may soon earn for it a bad reputation among gardeners.

Still other insects have been intercepted, and, it is hoped, prevented from becoming established. Among them are potato weevils from Central and South America, sweetpotato insects from the West Indies and the Orient, turnip insects from Europe, a grape-feeding beetle from the Mediterranean region, and bean-feeding insects from Central America and the East Indies—to mention only a few.

How long such insects can be kept out of the country remains to be seen.

Even though the number of insects is increasing, new insecticides and improved methods of control are constantly being developed, so the fight against insects is not a losing one. It is very likely, though, that the youngster of today will be saying to an entomologist in 1994—"Why do we have so many more insects now than when I was a boy? All we had to worry about then were the Japanese beetle, the Mexican bean beetle, and the European corn borer."
This Aristocrat of liqueurs is delicious, delightful, delectable—before dinner—after dinner—anytime. It is incomparable a "Gift of the Gods." Forbidden Fruit will please the most discriminating.

JACQUIN'S
Since 1884 Jacquin's quality Cordials have been lauded for their unusual character and consistent "goodness." Their distinctive flavors are inimitable. In Jacquin's you will find cordials at their glorious best.

GOOD READING
Continued from page 55

Except when he is traveling on long-distance trains, he never reads in bed. In all his reading career he has never so much as cracked a cookbook and apparently his interest in food is academic. Experience with books for his own guest rooms prepares us for what to expect in the Hamill menage.

"The problem is not to have them bored by the same books each time, although some boredom may be somniferous. For the past six months the 'bachelor's' room has had beside its cot H. E. Bates' 'My Uncle Silas,' which I regard with both fondness and enthusiasm; also George Chappell's 'Rollo in Society.' You see I do not expect too much cerebration from bachelors.

"Another guest room is orthodox and contains a dozen or more volumes ranging from Mlle, de Manpin to Plato's Criley and the Symposium.

"The last room available to voyagers is hung with what might be called Mexican primitives and its single bookcase is filled with books about that country. In other words, if you don't like Mexico you had better go to sleep and be pleasant at breakfast—whether in bed or out.

"For some years I did keep a beautiful little fifteenth century Testament on one bedside table, but a very simple bit of detective work convinced me that none ever saw it."

SORRY WE'RE LATE

The war is taxing transportation facilities and there will be delays in the delivery of House & Garden. We regret this, but it is a matter beyond our control.
Welcome booty on a captured Spanish galleon back in the 16th century was any cask of wine from Andalusia. But that which came from the vineyards of the Marques del Merito’s ancestors must surely have been prized as a treasure of treasures. Since 1264, these wines have been cherished as among Europe’s finest. Tom Weston, the inveterate greenhouse gardener, says that sooner or later every man with a pane of glass has to try these. He recently announced that he had completed his experiments and didn’t feel that they had to be repeated. Well, we’re just starting ours, and since some of the bulbs we raised from seed, the satisfaction of flowering ought to be doubly rewarding.

Tree peonies

The accretion of tree peonies here at Sun House garden has been gradual until this Autumn. A few of John Wister’s seedlings sent years ago are now flourishing. Two others also came as gifts. Then this Autumn we rid ourselves of a temptation by yielding to it.

Time and again we have been exposed to the peony blandishments of Prof. Percy Saunders. Time and again we have stifled our longings. Time and again he has set us to work. Then this Autumn we found ourselves of a temptation by yielding to it.

More mums

Early November we tagged the chrysanthemums we wanted to save for subse-

NATIONAL DISTILLERS PRODUCTS CORPORATION, NEW YORK
quent propagation and junked the rest. There is no use continuing inadequate plant material when so many improved varieties and better colors are available. The new strains of hardy 'mums offer a wide field for trial, and unless the tax collector gets here first (which he usually does) we'll indulge in a fresh array next Spring.

But outdoor chrysanthemums aren't among those plants that just take care of themselves. They deserve good soil and sufficient sunshine. They should be pinched back to make shapely bushes. In drought they need water and the aphids must be exterminated. However, they do offer the advantage of easy transplanting. Grow them along in the kitchen garden, then about the first of September move them in to take the place of annuals that are spent.

Winter reading

When gardeners can't garden they read about it. Each Winter we take up a new course of reading. At present Thomas Jefferson's Garden Book—700 pages—waits until we have finished all of Robert Fortune's accounts of his wanderings and plant hunting in China in the '40s and '50s of the last century. A far different China then from what it is today. Most of it was forbidden ground to foreigners, so Fortune traveled in native disguise, sometimes as an urbane merchant, other times as a coolie.

Daffs in frames

By the end of September we had completed lifting, dividing and replanting the drifted daffodils. Each year more drifts are made. And when we come to the end, that's that. And yet, with all their abundance of mixed varieties we were not attaining an ambition, nursed for years, to raise a few selected and uncommon sorts in frames for early blooming and special care.

As though a reward for our not being extravagant, arrived a package of assorted varieties from John Wister, an ardent daffodil collector. Not one of them was on our list. These we consigned to two frames of well-prepared soil. Come March the glass will go on them and, as the bulbs near flowering, they will be given an extra dosage of quick-acting food.

Garden exchanges

The custom of having small remembrances of other gardens growing in your own and of your garden in others is among the pleasant amenities of our floral pursuit. At first we used to put these gifts in a bed by themselves, now we introduce them wherever the site and soil are congenial. So, in walking about the place, we recall this visit and that friend.

The latest addition were some roots of fraxinella dug from the garden of George Ellwanger in Rochester, which we planted in an orchard bed—the beginning of an orchard garden to be made in emulation of the one he planted in a pear grove three quarters of a century ago.

—RICHARDSON WRIGHT

JANUARY, 1945

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GARDENER'S DIARY

Continued from page 92
smoother drinks come from HAVANA CLUB RUM

A STUDY IN COLOR
Continued from page 46

The following stores will carry the desk, and the two chairs shown in the color photograph on page 47. Further details on page 95.

CALIFORNIA
BEVERLY HILLS
W. & J. Sloane
SAN FRANCISCO
W. & J. Sloane
COLORADO
DENVER
Daniels & Fisher
CONNECTICUT
HARTFORD
G. Fox
DISTRICT OF COLUMBIA
WASHINGTON
W. & J. Sloane
GEORGIA
ATLANTA
Rich's
MASSACHUSETTS
BOSTON
Paine Furniture Co.
MICHIGAN
DETROIT
The J. L. Hudson Co.
MINNESOTA
MINNEAPOLIS
The Dayton Co.
MISSISSIPPI
JACKSON
R. E. Kennington Co.
MISSOURI
KANSAS CITY
Robert Keith Co.
ST. LOUIS
Scruggs-Vandervort-Barney
NEW JERSEY
NEWARK
L. Bamberger & Co.
NEW YORK
NEW YORK
Lord & Taylor
NEW YORK
PORTLAND
Meier & Frank
OHIO
CINCINNATI
CLEVELAND
The Halle Bros. Co.
OREGON
PORTLAND
Meier & Frank
PENNSYLVANIA
PHILADELPHIA
John Wanamaker
PITTSBURGH
Kauffman Department Store
TENNESSEE
CHATTANOOGA
Fowler Bros.
KNOXVILLE
Fowler Bros.
TEXAS
HOUSTON
Suniland Furniture Co.
UTAH
SALT LAKE CITY
Hickman Furniture Co.
VIRGINIA
RICHMOND
Miller & Rhoads
WASHINGTON
SEATTLE
Frederick & Nelson
It's holiday time...a time that calls for the very finest in wines. Widmer's stocks are insufficient to fill all demands...but here's hoping you'll find what you want.

NEW YORK STATE
WIDMER'S WINES
and Vermouths
Vintners of Fine Wines Since 1893
WIDMER'S WINE CELLARS, Inc., NAPLES, N.Y.

AMAZING LIQUID PLASTIC PAINT
One coat covers!

PLASTI-COTE

The paint of tomorrow Today!
It's so easy to give your home, inside and out, lovely fresh beauty with Plasti-Cote AAA! This amazing plastic paint flows on smoothly, leaves no brush marks, and gives a hard, porcelain-like finish that is fade-proof, waterproof, and resistant to gas and flames. One coat covers any kind of surface—wood, brick, stucco, plaster-board—even old wallpaper. Being a resin-based paint, a true plastic, Plasti-Cote AAA is a durable plastic paint. If not desired, the manufacturer will send you the name of the store nearest you that can handle the order.

If you want to buy a lamp, for example, which is credited to a specific shop and accompanied by a price, make your check out to the order of that shop. Write the name of the shop on the stamped envelope, enclose your check and order, seal the whole thing to House & Garden's Reader Service. We will have the envelope fully addressed and mailed promptly. Furthermore, we will advise you when this has been done. But please do not make out your checks to us as we are not equipped to do personal shopping.

The photographs of interiors of private residences which are reproduced in House & Garden are to help you with your decorating and furnishing arrangements problems. Naturally many of our readers become interested in the furnishings used in such photographs and would like to know where to purchase duplicates. Whenever possible in these cases, we refer the reader to the person who was furnishing used in such photographs and mailed promptly. Furthermore, we will advise you when this has been done. But please do not make out your checks to us as we are not equipped to do personal shopping.

And let us not forget priorities. Due to the curtailment of the production of various materials it may not be possible to obtain certain merchandise.

STUDY
Continued from page 46
Here are further details of the study shown in color on page 47. Open armchair with antique black lacquer frame, English lounge chair, 18th Century kneehole desk, all by Baker. White chintz for curtains from Cyrus Clark, green and white stripe chintz for swags from Kent-Braggins, olive green boudoir, Stilnandbrode. Antique accessories from Attmann-Weiss, Desk accessories, Georg Jensen, Lampshade from Robert E. Werner.
For the Place of Honor
IN YOUR GARDEN

MME. CHIANG KAI-SHEK
1944 All-America Rose Winner

For the place of honor in your garden—yes. and for a lasting place in your heart, too—you'll want this graceful, fragrant, superbly beautiful Mme. Chiang Kai-shek rose, named for the esteemed and lovely First Lady of China!

Selected by judges as America's finest rose for 1944, this exquisite creation unfurls its long spiral buds slowly, revealing daintily shaped, smooth textured petals of light clear canary yellow. Its rich rose perfume is certain to delight you.

The perfect form, delightful fragrance, sheer elegance and vigorous growth, combined with those indefinable qualities that breeding alone can convey, truly depict the patrician in "Mme. Chiang Kai-shek," and make it a rose you'll be unusually proud to own.

Price $2.00 each $20.00 a dozen

Douglas MacArthur
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1945's rose sensation—a grand new hybrid tea of fine proportion and exceptional color—hardy, vigorous and free-blooming. The strong buds send up numerous shoots with dark green, healthy foliage. Long, graceful, tulip-shaped buds open slowly into glorious flowers of rose, gold and salmon expensively blended. Thrives in all sections of the country—an outstanding leader that will infinitely enhance the beauty of your garden.

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Now! Rare Pure-White

Pure white Buddelia Peace is the glorious result of many years of effort. The well-formed, graceful, slightly arching flowers are 12 to 16 inches long and bloom abundantly till frost. Rugged, 6 ft. tall, fine foliage, grow rapidly, require little care. We offer husky young plants in pots that will flower profusely the first summer.

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Buddleia "Peace"

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Truly the most beautiful floral catalog ever published. 184 pages with more than 200 true-to-life color illustrations—full of detailed plant descriptions and cultural information. Shows newest and finest Wayside offerings in roses, flowering shrubs and plants—an abundance of rare and interesting items for your garden. To be sure of your copy, enclose 25c with your request, coins or stamps, to cover postage and handling. WAYSIDE GARDENS
30 Mentor Avenue Mentor, Ohio

house & garden
FLAWN

For most lawns Fall sowing is recommended. But Flawn is different. This increasingly popular grass loves heat and should be planted only after the ground has warmed up well in Spring.

The first thing you notice about a well-established lawn of Flawn is the fine uniform texture and good green. The second, its thick springiness underfoot. Then you wonder at the Summer endurance of this grass, especially after a droughty season like last year's in many sections of the country.

Its origin helps to explain Flawn's preference for heat. Botanically known as Zoysia matrella, it is native to the Far East, hence its popular names of Manila Grass and Korean Lawn Grass. It was introduced to this country about a quarter of a century ago by the U. S. Department of Agriculture and found conditions in Florida and the Gulf Coast so to its liking that it has naturalized in these sections.

Flawn has had some use as a lawn grass in the South, but only recently has its adaptability to colder climates been discovered. Several years' trial by F. H. Woodruff & Sons of Milford, Connecticut—who, incidentally, named the grass Flawn—has shown it of dependable hardiness as far North as Connecticut. Whether it is of value North of this section is yet to be determined.

Resistance to drought is only one of the attributes of Flawn. It is dwarf, as lawn grasses go, rarely exceeding four inches. Mowing semi-monthly, or even monthly, is sufficient to keep it trim. Its use on airfields suggests how valuable it can be on play areas and other parts of the home grounds that receive heavy traffic.

If you've had trouble with crabgrass you'll be glad to learn that Flawn will eventually crowd out this and other weeds as well. It employs the same spreading device as crabgrass—stolons or runners. However they are more closely spaced than those of the weed, originating in nodes only two inches apart. Consequently Flawn spreads slowly but has the final advantage of forming a close, thick mat of soil.

Perhaps because of its toughness of fiber, chinch bugs and Japanese beetle grubs have never been known to attack Flawn, nor, apparently, do any fungi. Practically free of pests, in other words.

Flawn in Florida and along the
(Continued on page 98)

BOOK REVIEW
THEY HOP AND CRAWL by Percy A. Morris, The Jacques Cattell Press, Lancaster, Pa. $3.50

Perhaps like many people you think you can take your reptiles or leave them alone. Get your hands on "They Hop and Crawl", however, and the chances are that next Spring, when the first peepers sound off, you'll be out
(Continued on page 103)
BRECK'S COMPLETE SEED-STARTING KIT AND MICA-GRO

You Can Start Sturdy Plants Indoors As Professional Gardeners Do...

Grow your own flower and vegetable plants indoors from seed — right on your windowsill. Get a jump on the season — grow fine, healthy plants of the hard-to-find varieties.

Kit has 3 waterproof 5½" flats of green fibre with seeding trays that water from below for 9 separate varieties; supply of Mica-Gro, better than soil for sure start and phenomenal root growth; 2 packets choice seeds; full directions; and copy of big full-color Garden Book described at lower left.

Postpaid (West of Miss. River add 20c per kit postage)

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Seedlings from Kits above become big, vigorous plants, ready for the garden, when grown in these 11" waterproof fit-the-windowsill Transplant Boxes. Scientific sub-irrigating design gives perfect drainage under the soil and controlled watering from below. Individual band-pots encourage maximum root growth.

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We'll stake our 127-year reputation as top-notch seedsmen that you'll be mightily pleased when you pick and eat these 7 cream-of-the-crop varieties. But please order right now as these mouth-watering introductions are the first to run out each season. Includes generous plantings of new crop seed of Golden Midget Corn, Butternut Squash, Belmont Tomato, Peas "The Miracle," Golden Beauty Carrot, Keystoneian Green Bush Beans, and Oak Leaf Lettuce.

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Gulf remains green continuously, exceeding in year-round beauty the more extensively grown Bermuda Grass. In Alabama, Experiment Station research men describe it as one of the first grasses to start growing in Spring and one of the last to lose color in Fall. In that section it remains green nine or ten months out of the year and has been found one of the best grasses for shady areas.

In Connecticut and other northern localities Flawn turns a straw color soon after the first heavy freeze, around mid-November, and is slower than northern grasses to color up in Spring. But, warm weather turns it a deep green, which it keeps throughout the Summer no matter how high the thermometer reading. Its use in shade is not recommended in northern states because atmosphere and soil are too cool for best growth.

Use stolons

Like all good things, Flawn has its drawbacks. There is no source of seed at present and the grass must be established from stolons. Unless these are planted very close, about two years are required before a good turf develops.

The grass is shipped in a block that looks for all the world like a door-mat, so stiff and compact are the "fibers". For planting it is cut into pieces one-and-one-half inches square. The commercial introducers of Flawn figure that a single block, cut into these small squares and planted eight inches apart will cover twenty-three square yards of ground and take two Summers to fill in a thick, uniform sod. Planted twice as close, it will cover six square yards and take only one Summer to fill in. Pieces are set at regular intervals in shallow rows. Planting may be done any time from May to August. Weeding should be avoided as it would disturb the grass roots and Flawn eventually crowds out weeds.

Thorough soil preparation and regular after-care are important in establishing a good lawn. Flawn can be grown on any type soil but prefers one that is sweet, about 5.6 pH being the limit. Fertilize heavily before planting and regularly every six weeks the first season, at the minimum rate of forty pounds per 1,000 square feet of area. Once filled in, the grass needs little attention except for seasonal feeding that would be given any lawn.

The slightly higher cost and the time required in establishing a Flawn lawn are offset by the less frequent mowing required and by its green lushness in mid-Summer when most grasses turn brown and crisp from the heat.
BED AND BATH BAZAAR

House your bed and bath bazaar to fit your needs and fit your home

Perhaps a sun-washed linen room, dotted and comfortable as a grandmother’s apron, as useful too. It might be paneled in solid white doors instead of louvers. Paint the shelves a spangling red. Paper the ceiling with a lush strawberry-splashed paper. And at the windows have white linen curtains tied back with red emery strawberries. Set an impossible china pig, gay with strawberries, on the green linoleum floor for whimsy. An Abraham Lincoln rocker cushioned in Turkey red cotton can keep company with a low upholstered slipper chair for neighborly needlework.

Fill the windows with white pots of bright green plants and hang a canary in the window to accompany the sewing machine’s hum. If it is a farmhouse sewing-linen room there are sure to be quilts to be stored. Try rolling them on rollers hung horizontally in one closet. It will keep silk patches from creasing. Sweeten your sheets with sprigs of rosemary tucked into them.

A streamlined linen room, new as tomorrow, can be built with heavy plate glass doors that slide on each other. Copper-colored tube handles make them easy to manage. Enamel the shelves with a daring, billiard cloth green. Slash the floor in white and brilliant green using fourteen-inch linoleum stripes. Upholster one chair in billiard cloth carefully moth-proofed, the other in a Pompeian clay sailcloth.

Paint the ceiling the warm blue of stucco, the walls a deeper blue. In an ascending scale, paint the ceiling a faint blue. Smocked sprigged dimity in blue to make a wide valance for the dimity curtains at the windows. Ice-cream pink gingham cushions on the ladder-back chairs are crisp as a starched dress. Scent the shelves with clove-spiced, dried, orange pomander balls, the eighteenth century potpourri. Inside one closet door hang wooden spikes to hold your scissors safely.

A streamlined linen room, new as tomorrow, can be built with heavy plate glass doors that slide on each other. Copper-colored tube handles make them easy to manage. Enamel the shelves with a daring, billiard cloth green. Slash the floor in white and brilliant green using fourteen-inch linoleum stripes. Upholster one chair in billiard cloth carefully moth-proofed, the other in a Pompeian clay sailcloth. Curtain the windows with natural sailcloth bordered starkly in a clay-colored Greek Key pattern. For fire insurance have a pull-out shelf, like an office desk’s, covered with asbestos on which to rest your iron. Back it with an ironing board and sleeve board that are hidden in the sand-blasted oak paneling between the closets.

If yours is a small-space problem, (Continued on page 100)
Remember those wonderful vegetables you grew last summer—so chock-full of goodness and mouth-watering flavor? Better make plans right now to plant more this season, but be certain to plant Ferry’s Seeds for best and surest results.

Ferry’s Seeds have back of them 88 years of scientific seed breeding. Over 65,000 tests are made annually that we may be as sure as possible Ferry’s Seeds meet our rigid standards of germination and trueness to type. Every possible precaution is taken to make sure you will have vegetables high in flavor and yield, and flowers with vigorous growth and eye-arresting beauty.

And it’s easy to buy Ferry’s Seeds. Your favorite store carries a wide assortment especially adapted to your locality and can get for you quickly any additional varieties you may wish. Have a better garden with Ferry’s Seeds.

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Detroit 31
San Francisco 24

WORLD’S LARGEST GROWERS AND DISTRIBUTORS OF VEGETABLE AND FLOWER SEEDS

BLANKET CUBBYHOLE

solve it with a converted closet. Perhaps there is a deep closet that wastes space with a heavy hand. Shelves in the back of it for linens. Pad the shelves with quilted pink and white striped chintz, and use the same material on a window shade roller. Run these in front of the shelves on guide wires to keep the dust from the sheets and towels. With an apt flip they roll up to show off your hope chest. Pulled down they leave the rest of closet for storage space and sewing equipment.

A bride’s beginning linen trousseau can cut a much bigger swathe if given a spotlight setting. Have window glass mirrored with an antique overtone. Glaze the walls of a small linen closet with this. A mirrored glass valance cut into a baroque curve finishes off the top with great braggadocio. Tubular lighting on either side just inside the mirror molding is practical and flattens the linens. Pad the shelves in angel-pink, cotton taffeta and tie up the linens in shocking pink and Parma violet. Such a linen closet can double for a powder room by the coquettish addition of a mirrored dressing table, and a small violet stool. Paint the walls pink, the ceiling violet. Whatever you do with your linens, give them an appealing setting, making the most of their fine craftsmanship and texture. Cherish them as a dowry. A bit of their fine craftsmanship and texture.

The ideal linen closet will someday hold an average of six sheets a bed: two for the moment, two for the laundry, and two to go. For a one-pillow sleeper three pillow cases are the minimum. Each bed needs two Winter, two Summer covers. Four blankets a bed is a good maxi-minimum. Four bath towels per person may seem opulent but take better wear and tear, need fewer replacements than a bare minimum. Linen towels, wishful thinking, need not be so numerous but three per person is getting down to bare necessity.

Whatever your supply may be, when buying a trousseau or replacing your stocks, hold to consistency. Match your colors to your general color pattern and choose linens that isn’t one (Continued on page 101)
GARDEN IDEAS
from California
New
from California
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GARDEN IDEAS
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Reds • Pinks • Purples
The perfect flowers
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BEAVERTON, OREGON

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CONTINUE from page 100

BED AND BATH

COUNTERWEIGHT DOOR

room individual. Mark it well with
monogramming or name tapes. Sort
and mend with convenient care in the most
cheerful surroundings you can create.

Here are further details of the linen
workroom on pages 62 and 63.

All Wamsutta sheets and pillow
cases, all Martex towels, all St. Mary’s,
Springfield, and North Star blankets.
Irish linen guest towels and shaggy
bath mats from Mosse.

All Kenwood, Chatham blankets,
comfortable from McCutcheon.

All Calloway’s bath, hand and face
towels, bath mat, Albert George.

Portable sewing machine, Singer.

Two sewing baskets, pinking
shears, Hammacher Schlemmer.

Spool rack, Lewis & Conger.

English tape measure from Lord &
Taylor.

Red and green felt pin cushion
from R. H. Macy.

Provincial chair, Old Versailles.

Mexican hamper from Sloane’s.

This is a list of stores where you can
see the linen workroom described
above.

ASSOCIATED SEED GROWERS, INC.
ATLANTA 2 • INDIANAPOLIS 4 • LOS ANGELES 21
MEMPHIS 2 • MILFORD, CONN. • OAKLAND 7
SAN ANTONIO 6

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of Ohio, write In Clifton, Iowa

TieLOGGED
• A remarkable head of former
closer center, close out
side leaves... holds quality

SPRING BLOOM
Continued from page 39
from small divisions in early Spring and grown on in rows in the cutting garden, chrysanthemums can be transplanted without setback in early September.

Bleedingheart, for instance, goes into complete retirement by mid-Summer. An annual vine of a not-too-ambitious nature that can be started early in a pot is just the thing to replace it. For an all-Summer effect of rich carmine, let Scarlet O'Hara morning-glory clamber over the shrinking bleedingheart foliage. Or if flowers in the yellow-orange-scarlet bracket fit better into your color scheme, there is Climbing Nasturtium, its close relative cut-and-carry Canary Bird Vine, or Black-eyed-Susan Vine, Thunbergia alata.

If you prefer perennials to annuals, Bleedingheart could be neighbored by Perennial Sweet Pea in pink, red or white, or by dainty, double-flowered gypsophila Bristol Fairy. A pinch of commercial fertilizer can be mixed with soil in which each annual plant is set; or, for perennials, a mid-Summer feeding can be given when buds of the late bloomers are partly developed.

Annuals can be used to fill in the gap left by daffodils. Or a perennial, such as Oriental Poppy, will cover the yellowing blades of the bulbs. A group of neighboring campanulas will, in turn, close over the poppy's browning, after-bloom foliage. Groups of columbines can be cut almost to the ground after flowering and interplanted with annuals of a height to suit the location. Gladiolus or other Summer bulbs fit nicely behind iris clumps with their relatively similar linear foliage, Iris need not be cut back unless transplanted.

The gorgeous Spring show put on by the rock garden should be all that we ask of its humble plant components. Mossy carpets of creeping phloxes, soft gray-greens of Alyssum saxatile and di- anthus varieties, scalloped discs of her- mandrakes make a satisfying Summer effect in themselves. If you must decorate this green foliage pattern with bright colors in Summer, include a few late-blooming accent plants.

Some rock plants give scatterings of bloom all season up until frost. Useful in this respect are Geranium endressii and G. sanguineum lancastriense with clean pink flowers, creeping Feronia canadensis spiny with clusters of lilac rose, Campanula rotundifolia whose harelips rise on slender stems 2 to 3 ft. spikes.

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MALONE'S strong rooted GRAPE VINES give you big, bounteous grapes year after year. For the "Special" Grape Collection of 2 sets, No. 1 Vines, 1 Niagara, 1 Delaware, 1 Os- tara, 1 Products, all 4 for $1.80.
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A remarkable head of former...closer center, close out side leaves... holds quality

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Cleaned Electrically

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of leading kinds, and

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3 Pkts.
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GARDEN GUIDE

Here is a list of some of the things to be found in the new 1945 Short Guide of Kelsey Nursery Service, 50-A Church St., New York (7), N. Y. Copy free on request (except 25c west of Iowa). Will be ready in late February—but write NOW!

AZALEAS
75 Choice Varieties—mostly in small in­
expensive sizes. Both evergreen and de­
ciduous.

Gable’s Hybrid Azaleas—a new race of real hardy kinds. Sensational colors never before in really hardy plants.

BLUEBERRIES
10 New Giant Blueberries—strong 4-year
olds (bearing age) now 1½ feet high, as­
sorted named varieties, our selection but
all good. $6.96.

BERRY-TREES
3 Shrew Berry-Trees—handsome blooms in
June, then a show of bright berries in fall that the birds love. One each 3 to 5 foot transplanted; Mountain Ash, White Flowering Dogwood, Phoenix (Xmas Berry) —all 3 for $1.40.

EVERGREENS
Kelsey Barryush Yew—dark green ever­

Japanese Yew—upright “Cephalis” form. By the hundred and by the thousand. Smallest size as low as 36¢ each in large quantities.

Dwarf Evergreens—mostly grafted, rare and interesting shapes. Will never grow out of place in foundation plantings.

37 Ft. Yew Hedge—set 18 inches apart, 25 Upright Yew Hedge will make 37 feel of insect-free hedge that takes care of itself. Plants now 12 to 15 inches high, twice transplanted, sturdy. $20.96.

FLOWERING TREES
Franklinia, the only tree that blooms in
fall. Sizes from $2.00 and up. Also Japan­
ese Flowering cherries. Chinese Crabs, Magnolias, Tree Lilac, Tree Azalea, etc. Sizes from $2.00 and up. Also clump and shaded shapes. Will never grow out of place in foundation plantings.

RHODODENDRONS
Rhododendrons for 25 cents!—Native spe­
cies in the smallest grade (12-15 inches) that can be safely handled with the smallest earth-ball, from 25c to 55c each, de­
pending on kind and quality. Heavier grades, too.

BROWNELL ROSES
Now rate of hardy (sub-zero) roses guar­
anteed anywhere in U.S.A. All colors. Climbing and bush-form. Sensationally easy to grow.

FRUIT TREES
Sold as standard Size Trees. Honesily grown.

FRUIT TREES

COLE’S FINEST GRAPE VINES
COLE’S BEST RHODODENDRONS

This 64-page book is aimed straight for you as a means of finding out more about the flowers and vegetables you can grow and enjoy, and at the same time to help others in the war effort. ALSO: We list the best 680 flowers in the book, from cover to cover with

BOOK REVIEW
Continued from page 96 with a flashlight looking for them. And if on a country walk you should meet a stickly-looking snake with a turned-up nose, instead of running away you’ll stand put and watch him put on his comedy act.

From horned toads to crocodiles, Percy A. Morris knows his hopping and crawling creatures. He has done field work in reptile and amphibian research in almost every state in the Union as well as in Canada, Newfoundland, Labrador, and Mexico. Into this book 284 pages he crams literally hundreds of first-hand facts and experiences, together with photographs taken in natural surroundings.

Almost half of the book is devoted to snakes, poisonous and non-poisonous. He identifies and describes the members of each variety until there can be no excuse for mistaking them. Other chapters in turn deal with The Crocodiles, The Lizards, The Toads and Frogs and The Salamanders.

One by one the author describes them all—their appearance, their habi­
tats, their life-habits. He tells whether each is a liability or an asset to the countryside. Most of them, except the poisonous snakes, he finds harmless and even beneficial.

Although the author is technical expert for the Peabody Museum of Natural History at Yale University, there is nothing technical about the way he writes. The young reader will easily as his elders. “Tom Hop and Crawl!” deserves a place on the shelf of anyone who loves country life, and would like to know more about his fellow creatures.

Dorf Fruit—On dwarf stock, carefully grown, grown for heavy bearing. Easy to find room for, easy to take care of. Very young sizes for you to train yourself to $2.50 each. All varieties.

Larger Dwarf Fruits—You can be pruned, sprayed or picked without ladders. Groups should be selected for proper pollination, and we offer a minimum selection of six—2 Apples (Winesap and McIntosh), 2 Pears (Clapp Favorite and Bartlett), 1 Plum (German prune), 1 Peach (Elberta). All 6 are 2-year sizes, begin to bear a little next fall, for $22.50.

Older, ready to bear strongly next fall, we have a 3-year-old size in all but the peach. We offer five plants: 2 apples, 2 pears and 1 plum as above—7 years old—for $45.00. You may add additional va­
tieties to the above selections, which take care of all basic pollination at the rate of $7.50 for each extra 2-yr. or $9 for each extra 3-year-old.

GROUND COVERS
Protect your banks from erosion with Vinca minor (root clumps 80c per 100). Pacifica na under trees where grass will not grow—75c per 100. Many others to choose from.

PEONIES AND IRIS
Specially prepared lists for the beginner to choose from intelligently—efficiently.

HARDY PERENNIALS
The best of the old, the best of the new. Arranged so you can quickly select and know what you are doing. Prized lower than most for top-quality plants.

RHODODENDRONS
Rhododendrons for 25 cents!—Native spe­
cies in the smallest grade (12-15 inches) that can be safely handled with the smallest earth-ball, from 25c to 55c each, de­
pending on kind and quality. Heavier grades, too.

BROWNELL ROSES
Now rate of hardy (sub-zero) roses guar­
anteed anywhere in U.S.A. All colors. Climbing and bush-form. Sensationally easy to grow.

FRUIT TREES

COLE’S FINEST GRAPE VINES

COLE’S BEST RHODODENDRONS

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COLE’S BEST RHODODENDRONS
Truly America's garden wonder, Azaleamum, world's growth is even more prolific perennial. Azaleamum's each 2" across, for three years years.

GARDEN BEAUTY BOOK

See the colorful Azaleamum, FREE! Mail the new Gardenulas, Dazleer Hardy Carnation, new America-

ROOTONE

stimulates and hastens root growth, when applied to cuttings and slips. Such strong roots make stronger, bigger plants and better flowers.

ROOTONE is especially effective in poor soil. A little goes a long way.

Flawn

THE NEW INSECT-FREE, WEED-FREE, SLOW-GROWING LAWN SOD

• Ends Crab Grass worries
• No Chinch Bugs

ON SALE AT LOCAL DEALERS or write for details

F. H. WOODRUFF & SONS, INC.
MILFORD, CONN.
Tuberous-rooted
BEGONIAS
Large tubers 2 inches and up, 45c EACH; 5 for $2; 12 for $4

Double Camellia Flowering Type
The flowers 5 to 8 in. across, resembling camellias, RED, PINK, FUSHIA, ROSE PINK, ROSE WHITE, WHITE, MIXED COLORS
Frilled or Fringe Type
Large flowers beautifully frilled and ruffled, RED, YELLOW WHITE, ROSE PINK
Hanging Basket Type
Trailing or hanging habit with masses of bloom. Ideal for porches, RED, PINK, WHITE-FELLOW-CORAL
Send for SEED CATALOG illustrated in color

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AND SONS—Box 115-M—Sacramento, Calif.

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Seed plantations on 300 acres—your order filled promptly from your Burpee’s 1945 Seed Catalog. W. ATLEE BURPEE CO. 402 Burpee Bldg., Philadelphia, Pa., or Clinton, Iowa.

Carnation
HARDY, EASY TO GROW. 12 for 50c. 40 for $1.25. 100 for $2.50. FREE! ELMOND’S STU VINCENZ, Rockville, Md.

FREE! 1945 Garden Catalog Illustrated in Color
of hardy field-grown vegetable plants that produce for years, even better than home grown plants. Tells how to save space, plant and cultivate cabbages, carrots, lettuce, beans, broccoli, turnips, rutabaga, and pepper plants. Get your catalog now before the supply is exhausted.
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European Linden
and other beautiful trees that provide good shade, windbreaks, screen, and beauty. S. T. BURPEE CO., Box 1, Waynesboro, Va.

Strawberries

New Nanking Cherries
We wish to thank the following people for their courtesy in lending us material for this article: Hilltop Weavers, Mrs. Harold Stuart for Imes and tweads and Mr. Stuart who makes the looms; Mrs. T. C. F. Shirley, Pres. of the Associated Handweavers; Miss Berta Frey and Mrs. Angela von den Driesch, Accessories and costumes from Hughes, Fawcett, Inc. Modern marts on page 108 from Anita Gardner, Hilltop Victory Marigold was created on Burpee’s Flora-Hilltop Farms, we knew everyone would want it in flower—symbol of victory and peace. Then to every customer we send a helpful planting guide. Tells how and when to plant, prune, water, etc. Also free gifts to customers. So fill in and mail coupon below for your free copy of this book. You will be glad you did.

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W. ATLEE BURPEE CO. 407 Burpee Bldg., Philadelphia, Pa., or Clinton, Iowa.

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The paper shortage makes catalogs scarce—we list today, if you want this Direct-To-You NURSERIES NURSE Repo. and SEED BOOK

FROM AMERICA’S LARGEST NURSERY and SEED BOOK

What’s going on? The world has been turned upside down a bit. Everyone wants more flowers that will last under the Tests of Time. So Burpee is offering more than 800 Seed Catalogues, offering more than 800

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New Dark Red Russian Lily
CRIMSON HEART
Handy as a Cut-Flower
Will stand every kind of weather, sun and winter. Grows in most any kind of soil with care or attention. Lasts a lifetime. Rich coppery crimson flowers. Will bloom May and June and an 18 to 2 feet tall. Seeds of flowers in a great cluster.

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Order Now. We’ll Ship At Proper Planting Time!

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When this truly golden-orange grape plant and Burpee’s Flora-Hilltop Farms, we knew everyone would want it in flower—symbol of victory and peace. So we’ll give you a Ro-Postcard 100 seeds, if you enclose stamp for postage. Easy to grow. 2 ft. tall. Seeds of double flowered. Growth and Victory Marigolds—write for your free seeds today! (To Burpee Customers you need not write; we’ll send free Marigold seeds with your seed orders)

Burpee’s Seeds Grow
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In The Compliments of
Berta Frey and Mrs. Angela von den Driesch. Accessories and cottons from Hughes, Fawcett, Inc. Modern marts on page 108 from Anita Gardner, Hilltop Victory Marigold was created on Burpee’s Flora-Hilltop Farms, we knew everyone would want it in flower—symbol of victory and peace. Then to every customer we send a helpful planting guide. Tells how and when to plant, prune, water, etc. Also free gifts to customers. So fill in and mail coupon below for your free copy of this book. You will be glad you did.

To plan your garden this winter, for beauty on every level, write for Burpee’s Flora-Hilltop Farms, we knew everyone would want it in flower—symbol of victory and peace. Then to every customer we send a helpful planting guide. Tells how and when to plant, prune, water, etc. Also free gifts to customers. So fill in and mail coupon below for your free copy of this book. You will be glad you did.

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VANITY FAIR is a new delightful shell-pink rose that is exquisitely fragrant. It is a grand grower and it will be worthy of a choice location in your rose garden this Spring. $2.50 each $25.00 per dozen

CLIMBING BREAK O' DAY

Here is a new Sub-Zero Hybrid Tea Climbing rose of orange-apricot yellow overlaid with flesh tints. It has fine foliage with large and fragrant flowers. Quantity of flowers in June. Occasional flowers through-out the Summer. It is an extremely strong grower.

$3.00 per plant.

Delivery at Spring planting time.

Send for our new beautifully illustrated catalog. The 25 cent charge will be deducted from your first order.

Totty's

BOX G
MADISON, N. J.

WEAVING

Continued from page 105

BEGINNER'S CHOICE

Amateur weavers start with simple patterns, pastel colors. Popular beginnings are linen and cotton hand towels, smart table mats to match favorite

July-Blooming 'MUMS'

Developed by the Univ. of Minnesota

New—Extra-Early—More than 10 Weeks of Bloom
Six Outstanding Varieties

1. Harmony: Several color tones, harmoniously blended.
2. Red Wing: Semidouble Pompon red.
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5. Boreas: Double blossoms, pure white.

SPECIAL OFFER—6 Plants (1 each of above) $4.00

Any 3 Plants, $2.25

Postpaid within 400 miles of New York City: express collect to others.

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Illustrated by 36 gorgeous color pages featuring delicious home garden vegetables, latest introductions in Perennials Plants, Lilies, Garden, Roses, Small Fruits and Fruit Trees. Write today for your free copy of this outstanding Catalog.

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PLANT NOW THIS SYMBOL OF LUXEMBOURG'S LIBERATION

The royal-red rose

GRANDE DUCHESSE CHARLOTTE, H.T.

Named by permission for Luxembourg's ruler—grand prize winner in Europe before the war—All-America Rose Selection for 1943.

Long, shapely burn-carmine buds opening to glorious royal-red blooms, with fine, fragrant fragrance.

Order promptly—guaranteed the same. 1943 Catalog FREE!

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ROSE SPECIALISTS FOR 47 YEARS

GUARANTEED TO BLOOM

The Original BARNES BROS. NURSERY

Established 1870

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Box 21, Yalesville, Conn.

The Oldest and Largest Water Lily Specialists

1877 Brooklyn Ave.,
Roosevelt, Ind.

WEAVING

Continued from page 105

FOR ORCHARD AND GARDEN

BARNES BROS., fruit and ornamental plants are of the finest quality. Supplies of many sorts are extremely scarce this year. Place orders early. For our 1945 list, if you are interested. In Barnes Great Big Blueberries

A lovely new creation, hardy enough for the outdoor garden, long enough for cutting. A Joy to behold. Dazzling scarlet flowers on stiff, sturdy stems.

3 Plants for $1.25; 6 for $4.00

Famous-For-Flavor Fruit Trees

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LARGEST GROWERS IN THE FRUIT BELT

Blackberries Ornamental Shrubs

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Start early; order now.

3 Bulbs 25c; 15 for $1., postpaid.

No two alike; unique BULBS

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For Seedless TOMATOES
Weeks Earlier

Spray the Flowers
That's all!

A New Thrill in Tomato Growing
Now have the juiciest, most flavorful, largest tomatoes you have ever grown AND have more of them weeks earlier and without seeds! HORMONI has produced this amazing hormone combination, Seed-less-St, which, sprayed on the flowers of tomatoes, cucumbers, peppers, etc., "sends" the fruit weeks earlier and eliminates seeds. One or two little sprigs of Seed-less-St on the flowers when they first appear. That's all. Use a household atomizer or sprayer.

8 oz. bottle treats thousands of flowers. Ask your dealer. Or send us $1.00 for $8 oz. bottle and literature.

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Selected Vegetable
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Fine clean stock. Moderate prices.
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FREE First and Second Year Raspberries
All Michigan grown. Full line of other plants.
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"The most interesting Seed Catalog", so hundreds have written us; a Catalog filled with hitherto unknown, outspoken comments. Descriptions of a thousand unusual flowers. Your copy is ready.

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BEARING-AGE BLUEBERRIES
with fruit buds, ready to produce. Write for FREE CATALOG.
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The liquid plant food for better fruits and flowers. Write for FREE CATALOG.
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PAPER CHASE
We know you save your daily and weekly newspapers for salvage. We know you use a shopping bag and carry packages unpackaged whenever possible. We know you return cardboard laundry boxes, egg boxes and such so they can be used again. But have you gone through the house recently on a paper-salvage hunt?

What about those cardboard dress-boxes, those back numbers of magazines (including House & Garden), those piles of receipts, bills and answered letters? What about out-dated scrap-books, old time-tables, travel folders, garden catalogues? Pile them all on the salvage heap and send them off to active service.

WEAVING
Continued from page 106

TRADITIONAL COLONIAL FAVORITES
Colonial designs are as popular today as they ever were. Many amateurs choose patterns that have been handed down from one generation to another. Typical "clover" designs: (left) "Rose in the Wilderness," (top center) "Queen Anne's Lace," (top right) "Sunburst," (center) "Whig Rose."

Continued on page 108)

FOR YOUR GARDEN
FOR YOUR GARDEN
All in The Complete Catalogue "GARDEN GEMS"

Bobbink & Atkins
Nurserymen since 1898
523 Paterson Avenue
East Rutherford, N. J.

FREE HELP in planning a lawn of distinction!

FREE HELP in planning a lawn of distinction!

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FREE HELP in planning a lawn of distinction!

Know the 'do's' and 'don'ts' on how to make a sparkling green lawn. Plan now with Scotts FREE Lawn Care Bulletins and you'll be "all set" to take advantage of the best seeding weather.

Many of the distinctive lawns you've admired are the result of such planning plus Scotts Seed and Turf Builder. Treat yourself to a Scott Lawn — Send for Lawn Care today, no obligation.

G. M. Scott and SONS COMPANY
12 Spring St. • Marysville, Ohio

ABOUT YOUR TREES
after the war

• Today your trees are probably suffering from neglect. And, since two-thirds of our specially trained Davey Tree Surgeons are in the armed forces, we are unable to offer their services to you. But these fine Davey experts will resume their chosen vocation with new eagerness after the war. Hundreds of their letters, from all over the world, tell us so.

1846 1923
JOHN DAVEY
Founder of Tree Surgery
DAVEY TREE EXPERT CO.
KENT, OHIO
And Almost Everywhere
Two Generations of Tree Saving Service
WEAVING
Continued from page 107

MODERN YARNS FOR MODERN WEAVERS
Modern ingenuity makes use of old materials and new. Here are table mats woven with (left to right) rayon, horsehair straw, sedge grass reeds, cotton boucle and metallic threads. The hand-woven dinner cloth in the background is of soft gold rayon with center panel in gleaming silver herringbone design. (Continued on page 110)

WOODRUFF Adapted LAWN SEED
(Zoysia Matrella) the new insect-free, weed-free, slow-growing lawn sod.

PLAN NOW FOR YOUR SPRING Lawn
Men successful at gardening know the value of lawn seed mixtures adapted for growth in given locations.

ALTAMA PLANTATION
Near Sea Island, Ga.
6200 Acres — Priced at $125,000

160,000 Americans die of cancer annually. Authorities say many of these deaths could be avoided. Help us spread the knowledge that cancer can, in many cases, be cured. Enlist today in your local unit of the Women's Field Army.

AMERICAN SOCIETY FOR THE CONTROL OF CANCER
350 Madison Avenue, New York, N. Y.
send House & Garden to war

You've read this copy of House & Garden from cover to cover. You've found fresh facts on decorating, new ways to make plants grow, bright tips on recipes. You've added to your scrapbook of ideas about the house you're going to build. But House & Garden's usefulness isn't over yet!

paper keeps gunpowder dry

Ordinary wastepaper is one of the essential materials of war. Paper protects ammunition. Paper protects plasma. Paper and paper-board are used to package more than 700,000 items that go overseas. The government needs every bit of wastepaper that you can save. When you—and your friends—have read this copy of House & Garden, cooperate with the National Paper Salvage Drive and send House & Garden to war.

The Condé Nast Publications Inc., 420 Lexington Avenue, New York 17
Know when hands like these make a good rum sour?

When they’re given a good recipe! Those short, square fingers indicate that their owner is methodical and can be depended on to follow directions explicitly. Yes, put a bottle of dark, delicious Myers’s Jamaica Rum and the following recipe in the hands of a fellow like that and you’ll be rewarded by a Rum Sour that you’ll long remember!

MYERS’S RUM SOUR
Put into a shaker: 1 tsp. plain syrup, juice of half a lime or lemon, ½ cocktail glass MYERS’S JAMAICA RUM,* plenty of ice. Shake well and strain into a cocktail glass. Add a splash of carbonated water, a few drops of white of egg if desired, and decorate with slice of orange.

*Remember:
For best results, The Rum Must Be MYERS’S Fine, Mellow Jamaica—97 Proof


HIGH STYLE BY A MASTER WEAVER
Dorothy Liebes manages color and texture with a master hand. Typical of her repertoire: (left) chartreuse draperies with architectonic loops hang in pilaster effect; (center) nubby stripes in chenille and wool in vibrant colors, fuchsia, chartreuse and pink lashed with silver; (right) pale celadon striped horizontally with beige loops and slivers of gold. Georg Jensen.

Remember; for isesf resu/fs, Rum Must Be MYERS’S Fine, Mellow Jamaica—97 Proof

"They'll never dream recordings can be so life-like!"

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