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## "Not for you, darling...this is girl talk"

Oh.
Well, back to the bench saw.
But if you could hear both ends of this friendly visit, you'd realize that girl talk really gets a whale of a lot accomplished.

This single telephone chat, for instance, could
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-discover a place you can buy fine boxwood plants for only a dollar each
-tell you how the Marshalls got their basement dry in just one week.

In addition, the girls will decide who ought to be on next year's school board and make a date to go to the hairdressers together.

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# The NEW AHmanal Free-O'-Frost Freezer-plus-Refrigerator gives you all the most-wanted features 

## Nation-wide User's Report shows Ameinea is the best planned, most convenient!

A study of homemakers, using the leading refrigerators in their homes, shows that Amana Freezer-plusRefrigerators have more of the features they want and use most. In the Amana refrigerator section, there's room for four one-gallon milk bottles! Stored conveniently at table height . . . milk is kept at the ideal temperature. And your Amana dealer can show you how savings on gallon milk purchases alone may more than make up the difference in cost between Amana and ordinary single-door refrigerators.

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OUR COVER: When the March winds blow, and you're sure winter is never going to go away, take a look at our basket of colorful flowers and have courage! In our bouquet you'll find such all-time favorites as iris, daylilies, daisies, azaleas, and bridalwreath. Photograph by Stan Young.
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| CHANGE MY PLAN IDA | SWEET ELOISE |
| IDA IMAGINATION | THERE'LL BE SOME |
| IMAGINATION | CHANGES MADE |
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| IT MUST BE JELLY JAPANESE SANDMAN | UNDER A BLANKET OF |
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| JUST A LITTLE BIT SOUTH OF NORTH CAROLINA |  |
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21. Cha-chas, hot and 21. ha-chas, hot and
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266. Haunting melodazzling sound. Hora

97. Gershwin plays
his masterpiece in his masterpiece in
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244. Der Führer's
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68. Soul-satisfying 69. Vaughn's biggest vocals. My God $/$ s
Real, Faith Unlocks Real, Faith Unlocks the Door, 10 more. Ballerina, 12 more.



Some passing comments from a mother of seven
MARGY WYVILL ECCLESINE

## Sight of the Month:

Stevie, staring hypnotically into the glass eyes of my old fur piece.

## FOR-WHAT-IT'S-WORTH DEPARTMENT

I have a large box that Joe's overcoat came in, labeled "Costume Stuff." In it I have put, over the years, old scarves, hats, bits of veiling, ribbon, lace, some fur muffs from Australia with koala-bear heads, single earrings, beat-up pocketbooks, long crepe-paper streamers from one of those unwind-the-ball party favors, buttons, velveteen remnants, my going-away dress, and a box of safety pins.

There's a silver-painted cardboard sword from the time the cub scout theme was Knights of Old; a large white collar with two black ties from Pete's debut as a Pilgrim in a school play; thick yellow yarn braids from Tracy's appearance as Gretel; and numerous red, green, and yellow plastic remains of Halloween costumes.

Good for a visit to the Land of Make-Believe, a wonderful place to suggest when it's too cold or rainy outside for play, or the morning someone gets out on the wrong side of the bed.

## The Social Urge:

Dickie, a four-year-old neighbor, inquiring politely, "How are all your little children?"

## Things I Don't Mind:

Mud on the front porch.
Doors slamming when they burst in from school.
Tracy murdering Chopin, just so she practices.

## Things I Do Mind:

Mud in the living room, from somebody's boots. Doors slamming, every time they go in and out. Chopsticks played continuously for a half hour.

## MY INDISPENSABLE MEN

Men are so talented. Not a day passes that I don't reflect how indispensable they are.

The washing machine floods. Call a plumber (sometimes he arrives the very same day). He always knows what to do. I don't.

The car won't start. Or there's a flat tire. The last time that happened, right in the middle of main street, two teen-age boys pushed me out of the traffic lane and fixed it. They actually seemed to enjoy being helpful. I have high hopes for this coming generation.

The swing needs fixing. There's a shingle loose on the back of the house. The kids have been unusually restless and brawling all afternoon. I comfort myself that Joe will be home soon and take care of everything. Ah, men, wonderful men.

## IN MY KITCHEN

I can neither sketch nor paint Like artists do;
The fitted line, the buoyant pose
Or palliative hue.
But given bits of bacon, spuds,
An onion or two-
I can portray a masterpiece
Of Irish stew.
-by my aunt, Lulu Minerva Schultz

## TURTLE MAGIC

My cousin Gloria, down in the tidewater country, writes, 'Sometimes I think God made turtles for the amusement of small children. Spring and summer are the busy seasons for turtle gathering. Ben will watch for a half hour (a long time for a small boy) to see when the turtle will poke his head out." Then, she says, a big brother will come along and flip him over, watching in wonder at the flattened hard shield behind which the head, legs, and tail are all withdrawn.

Sometimes an experimental finger goes out to touch. Is he really dead? A wild flurry of leg-waving tells them no, and they decide to put him in a box. More amusement as he tries to climb out.

If this fellow has a diamond-back, better watch out, boys. Mother is already speculating whether he's big enough for a real Maryland delicacy-terrapin soup.

## Tiny Tyrant:

Does it suddenly dawn on you that the tyrant who has completely dominated your morning comes up to a bare few inches above your knee?



With Beautiflor the shine comes back again and again without rewaxing! That's because Johnson's Beautiflor has reserve shining power. Unlike most liquid waxes that just harden on the top of the floor, Beautiflor penetrates the surface. It stores up future shines that come back again and again with only a light re-buffing (by hand or electric polisher) . . . even with your daily dust mopping! You can even "touch up" areas that get most wear, and Beautiflor blends right in. No streaks! It's a long, long time between waxing jobs when you give your floors the shine with nine lives.

## AT HOME WITH BARRY GOLDWATER

The home of the Arizona Senator and author ("The Conscience of a Conservative") is as forthright and uninhibited as his political viewpoint. "The challenge here was to make the house belong on a desert hilltop," says Goldwater. The result was a plan based on equilateral triangles - and an outstanding Southwestern home.

View from the terrace of the Goldwaters' home overlooks Paradise Valley, with
Camelback Mountain in the background, "When I was a boy," he says, "I used to hike out here. Even then I knew it was the perfect place for a home. We've lived here three years and it's everything Peg and I dreamed it would be." The Senator is a third-generation Arizonan, a jet pilot (he organized the Arizona Air National Guard), an authority on the American Indian, and an expert on the Grand Canyon.

Senator Barry Goldwater rested one foot on the granite retaining wall that surrounds his house and pointed toward Squaw Peak.
"That trail along the base of the mountain was made several years ago when trucks took a short cut along there. Since then, not a car or a truck has been on it, but that scar is as plain as the day it was made. Once man mars the desert, it takes a long time to heal. My land runs down to the road and as long as I live my 34 acres are going to remain unspoiled. At least I can preserve that much."
The Arizona Senator's home hugs the crest of a hill that rises 500 feet above the floor of Paradise Valley, eight miles northeast of Phoenix. His Navajo friends have christened it "Beh-nun-i-kin," which means house-on-top-of-a-hill.
"When we built this place three years ago, we were careful not to excavate any more than necessary," said Goldwater. "When we go inside, you'll see how the floor follows the natural contour of the hill. Too often builders bulldoze off the top of a hill and push it over the side. In this country that leaves a scar you can see for miles; it makes the house look like it was built on the tailings of a mine shaft."
Goldwater strode to his carport where he selected a twisted piece of firewood.
"These are pine knots, about 75 years old," he said. "We spent last weekend at Rainbow Natural Bridge, north of the Grand Canyon. I always bring back a load of these; they're all over the place. The trees have rotted away, but the knots, where the limbs emerge from the trunks, are full of pitch and make fine firewood. Here, I'll show you."
He climbed seven terraced stairs to double birch doors embossed with a Navajo design, crossed a slate-floored entry, descended five steps to his study and deposited the pine knot on the embers of a dying fire. It flared, crackled, and burst into life.
"I'm nuts about fireplaces," he smiled. "We have four of them in this house. Maybe it's because I like the outdoors and campfires, but I usually have a fire going when I'm working in here-this is my office. Sometimes I even turn on the air conditioning so I can have a fire.
"This fireplace-and the stone used for the walls-is Arizona red ledge stone we found on the Navajo Reservation about 200 miles north of here. We got permission of the Tribal Council to quarry it and used about 150 tons. The hearthstone in each of the fireplaces is a single stone like this," he said, pointing to the broad slab with ripples similar to those left in sand after a receding tide, "formed millions of years ago when Arizona was young.
"I've hiked and ridden horseback and
(continued)


BILL SEARS


Triangular theme of house is apparent in roof pitch, patio design, and triangular metal dentils used as ornamentation on the overhang. The kitchen wing is at right. Roof shingles of lightweight concrete provide excellent insulation against the brilliant Arizona sun.


Informal dining area in the kitchen satisfies the Goldwaters. The house has no formal dining room. "When we entertain, we serve buffet style," says Mrs. Goldwater, "and inevitably people gravitate to Barry's den."


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And if you need to tame sun heat and glare, use L•O•F Parallel-O.Grey ${ }^{\left({ }^{(8)}\right.}$ plate glass. Lightly tinted, it keeps out about $45 \%$ of the sun's heat and softens bright daylight. Available from your nearby L•O•F Glass Distributor or Dealer (listed under "Glass" in the Yellow Pages). Libbey. Owens-Ford Glass Company, Toledo 1, Ohio.


Living room has built-in sofas beneath windows to give cleanlined, uncluttered look. Large coffee table with crushed turquoise-and-white marble top keynotes natural color scheme.

Hilltop home is surrounded by a low retaining wall. The Goldwaters call long, flagstone walk on south side of house the "promenade deck" because it enables them to circle the house next to steep drop-off and view Phoenix in the distance. Roofs of new homes are rapidly filling valley.

flown over most of the State of Arizona," he said, "so I wanted a house that was in keeping with the rugged, primitive character of this desert country."

The Senator's Arizona reminders aren't all from the past. His built-in desk was stacked high with mail and the wall above it was covered with newspaper cartoons and mementos of his political career.
"See what I mean about the house following the contour of the hill?" he asked, returning to the ioyer. "Right under here there's a big boulder we weren't even tempted to move. So we just terraced this hall down to the living room," he said, descending eight shallow stairs to a room dominated oy a window wall that frames a magnificent view of Camelback Mountain.
The living room, carpeted in white wool, has white draperies, one wall of neutral grass cloth, and puilt-in aqua sofas along two walls. A credenza with crushed turquoise-and-white marble top turns the orner from the foyer and follows
an angled wall. Beneath it are storage cabinets with triangular, hand-wrought silver pulls.
"Those were made by Navajo silversmiths in Scottsdale," said Goldwater, crossing the room to another ledge-stone fireplace. "The whole house is based on equilateral triangles. You'll find them repeated in the angles of the ceilings, and the metal dentils used to decorate the roof overhang. You'll notice that no two walls meet at right angles. It costs more to build this way, but it eliminates dead corners and makes rooms seem larger and more interesting. At least we think so, don't we, Peggy?"

Peggy, who has been Mrs. Goldwater for 27 years, led the way into the kitchen.
"We don't have a formal dining room," she said, "and we don't miss it. When we have guests we serve buffet style in the study. When we're all home and want to sit down together, we eat here," she said, indicating an oval, glass-topped table in the dining area of the kitchen. "It's very


## How we retired in 15 years with $\$ 300$ a month

"We'd never be out here in California today, financially independent and happy, if it hadn't been for what happened back in Scarsdale the night of my fortieth birthday, in 1945. Nell had gotten tickets for 'Oklahoma!' While she dressed that night, I was idly leafing through a magazine.
"I suppose any man feels serious when he hits forty. Someday Nell and I wanted to move out where it's summer all year and really enjoy life. But how could we? Half my working years had gone. I had a good salary. But we found it hard to bank anything.
"As I turned the pages, an ad caught my eye. It said a man could retire on an income without a big bank account through the Phoenix Mutual Retirement Income Plan. I could get a guaranteed income of $\$ 300$ a month when I reached fifty-five-not just for myself alone, but as long as either Nell or I lived. It sounded just like the answer to my problem.

## PHOENIX MUTUAL

Retirement Income Plan gUARANTEES YOUR FUTURE

OVER 100 YEARS
OF LIFE INSURANCE PROTECTION
FOR FAMILIES AND BUSINESS
"I clipped the coupon in the ad, and mailed it on our way to the theater.
"Well, a while back my fiftyfifth birthday arrived. I was all set to retire, and it wasn't long before my first Phoenix Mutual check for $\$ 300$ came. So we sold the Scarsdale house and headed west. We're in a beautiful spot here, just right for us. And every month we get another check. Security? Why, we have more than lots of rich people. Our income is guaranteed for life!"

## Send for free booklet

This story is typical. Assuming you start at a young enough age, you can plan to have an income of from $\$ 50$ to $\$ 300$ a month or more-beginning at age $55,60,65$ or older. Send the coupon and receive, by mail and without charge, a booklet which tells about Phoenix Mutual Plans. Similar plans are available for women. Don't put it off. Send for your copy now. income plans.

Plan for Men $\square \quad$ Plan for Women $\square$
Name
Date of Birth
Business Address
Home Address
(continued)
pleasant with the morning sun streaming in."
"Or in the evening, with a fire in the fireplace," added the Senator.

Double ovens are built into the stone fireplace wall and beneath them are set-in ceramic tiles made by Hopi Indians.
"There are only four of us at home now," said Mrs. Goldwater. "Our daughter Joanne, who's now Mrs. Thomas Ross, lives in Torrance, California. She has made grandparents of us twice. Our son Michael is at the University of Arizona in Tucson. Barry, Jr., attends Arizona State and lives at home, and

Peggy, who's 16, is a junior at Judson School in Scottsdale.'
"What do you like most about your new home, Mrs. Goldwater?"
"It's a very livable and easily maintained home. It's wonderfully quiet, and of course, we have views in all directions."

The Senator led the way down a long hall, one wall of which has continuous, waist-high storage cabinets.
"These are the most practical linen closets I've ever had," said Mrs. Goldwater. "I store the linens just outside (continued)


Most-used room in the house is the large library-den which serves as a family room when Goldwater is not using it as his office. He likes hig, practical fireplaces. Base of coffee table is huge piece of ironwood that weighs over 2000 pounds. Goldwaters collect rare Indian artifacts to accessorize rooms.


Daughter Peggy, 16, studies work of Arizona artists hung in entrance hall where illuminated ceiling and slate steps that descend to living room repeat the triangular plan of the house. Long hall beyond leads to bedroom wing and serves as gallery for the Goldwaters' favorite artists. Foreground: Navajo sculpture.

See American Treasury by Drexel at These Fine Stores ... Today!




Not even hand-polishing gets glassware, dishes and silver more sparkling than new Dishwasher all. Over half a million dishwasher owners are proving this every day with shining clean glasses that formerly were left spotted or streaked. Prove it yourself - this week!

[^0]

Senator's Arizona office is in library-den where he works in sports shirt. He has keen sense of humor; collection of newspaper cartoons includes unflattering caricatures of himself.

## (continued)

each room-a real step saver."
"We call this hall the gallery," said Goldwater. "We get north light here, which makes it a good place to display the work of our favorite Arizona artists."

In the master bedroom, the warm tones of the vaulted, redwood ceiling, the long, built-in desk, and the red stone fireplace provide natural color against white walls and carpeting.

Goldwater lowered a panel in the headboard of the bed. "These are remote controls for the drapery motors, television, hi-fi, intercoms, outdoor floodlights, and the burglar alarm. The reading lights are aircraft type operated off transformers."

The window above Mrs. Goldwater's desk looks out on Squaw Peak and the White Tank Mountains. Sliding glass doors open the room to a long view of Paradise Valley, with the roofs of new homes in the middle distance.

Mrs. Goldwater's blue-and-gold bath and dressing room has an unusual window above the vanity sink. Two large panes of glass
meeting at an angle give her an unobstructed northeast and northwest view of the valley, and plantings outside the glass seem to be part of the room. Shoe racks in the closets are waist high and a fulllength, three-way mirror folds flat against the wall when not in use.
"Here's mine," said the Senator, leading the way to his combination bath and dressing room. The walls are papered with excellent photos of every type of military and civilian aircraft he has flown. These range from early biplanes to the latest jet bombers. Barry Goldwater is a general in the U. S. Air Force Reserve and has over 300 hours in jets to his credit. An expert photographer, he does his own printing and enlarging on special paper which he hangs like wallpaper.
"I've done the same down the hall in the powder room with pictures of our friends," he said. "When we have guests, they always examine the walls for pictures of people they know.
"This is Michael and Barry's room," he said. "We use all those
(continued)


Home for a rugged individualist took almost a year of planning by Goldwaters and architect Paul C. Yaeger. Unusual 4200-square-foot plan was dictated by site. Object was to expose living areas to vast panoramas.

\title{

**Modess <br> <br> New: <br> <br> New:

\section*{VEE-FORM

## VEE-FORM anatomically anatomically shaped

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-to echo the lines of your body. Wider in front, narrower in back for carefree comfort.

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Like a woman, carpet radiates tranquility and self-assurance. And charm, like the lilt of a pert, red-haired colleen' laughter. . The carpet that graces your home is a reflection of you . . . and should be chosen by you. Roxbury makes this choice an exciting experience by offering you a magnificent selection. Traditional fibers and modern A vivid spectrum of colors. . Galway, shown here, is a rich, all-wool tweed. Mothproof. Family-proof. Yet luxuriously textured. - Others from $\$ 4.95$ to $\$ 19.95$ a sq. yd. . They can help you create a smart, beautiful home for just pennies a day. *For your nearest dealer, write: Roxbury Carpet Company, 295 Fifth Avenue, New York 16

## (continued)

guns in the case. We do a lot of target shooting. We have targets set up out there beyond the swimming pool and we stand at the retaining wall and hammer away. Barry should be home from school pretty soon. He's a pretty good amateur pilot. Both he and Michael are studying business administration. That's how I started-in my father's department store in Phoenix.
"This is our darkroom," he said, entering a large, well-equipped room next to the den. "It also serves as a projection booth when we show home movies or slides in the study. I have over 8000 negatives on file and more than 3000 color slides. Those slides may prove worth while for another serious hobby of mine, the Arizona Historical Foundation which I founded to develop research sources not available to universities. It will tap a wealth of material about southwestern Arizona."

He descended the stairs to the study and switched on a VHF radio next to his desk.
"This gives me the weather and lets me monitor the tower at the Phoenix airport. I like to listen when young Barry is flying."

He seated himself at the desk, which is decorated with silver medallions representing the 14 Indian tribes of Arizona.

"Iride my hobbies hard, but they've paid off in relaxation and education. What's more important, they 've brought me closer to the kids. When they were younger, we camped out regularly. I taught them what they know about outdoor life-how to shoot and hunt and fish. I want my kids to have self-respect and initiative," said the author of 'The Conscience of a Conservative.' "I want them to have a country as free and as good as the country I have known. And I want them to know and love nature and the outdoors.
"In a way, that's how I discovered the site for this house. When I was a kid I used to hike up here and say to myself, 'I'd like to live on this hill some day.' It's the dream-house story come true, so I know how people feel about such things.
"I'd like to see everybody in this country own his own home. But I'm against 'no down payment' homes. If a guy doesn't have some sweat and sacrifice invested in his home, he feels little interest or responsibility for it or for the community. Even if he has only 50 hard-earned bucks in his house, that changes his attitude. The
fellow who has a stake in his house is the fellow who pays attention to zoning, who attends school-board meetings and speaks up on important issues. It's amazing how young people change their attitudes about voting and community affairs when they settle in a home and start making something of it.

Brick and mortar and architecture don't make a home. Neither does wealth. Among Span-ish-speaking people when a man invites you to his casa, he's just being polite, much as we might say 'drop by our house sometime.' The word casa means house, just the building. But when he says 'You must come to my hogar,' he means home in a more complete sense than our word suggests. He wants you to meet his wife and children and join his intimate family circle. When you walk into a happy home anywhere, you feel what is meant by the word hogar. The family is the rock on which this country is built. What matters is not the house but the hogar."

## Peggy Goldwater's Ranch-style Frijoles

This recipe for Mexican-style frijoles is one of the Goldwater family's favorite dishes. The beans may be reheated the next day, or frozen for eating weeks or months later. When reheating, add a small quantity of water or a small can of tomato sauce and stir.

2 lbs . pinto beans
2 tsp. salt
2 large onions
4 cloves garlic
$1 / 2$ tsp. black pepper
$1 / 2$ tsp. comino seed
1 can roasted green chiles
1 can taco sauce
1 can tomatoes
Soak pinto beans in cold water overnight. Drain, wash, cover with about two inches of water, add salt, and boil over moderate heat for about an hour, adding water if needed. Add diced onion and diced garlic, black pepper, comino seed, chopped green chile, taco sauce, and tomatoes. Cook over moderate heat for an hour or an hour and a half, until beans are tender. For spicier beans, add one or two teaspoons of red chile powder.

## Variation:

These frijoles may be easily converted into a delicious chile con carne by adding chopped beef (2 pounds) sautéed until brown with a chopped onion in any kind of cooking fat, and added to the beans after first hour of cooking.

THE END


## An earnest message to the weekend painter...

.. whose mind is apt to be on golf or fishing or maybe just plain loafing. Privately we'd have to admit that the weekend painter ordinarily looks on painting as a chore-something to get out of the way as quickly as possible.
Our message? Why not try our versatile undercoater-3 Purpose B-I-N Primer-Sealer. It will salvage at least half the weekend for him and make painting fun. Well, almost fun.
B-I-N saves time because it seals, primes white, and kills stains -all in one operation. At least two conventional paint products would be required to do what B-I-N does in one coat. Where can you use it? On any interior surface. B-I-N effectively primes and seals porous surfaces-wallboard, plaster and raw wood. It has unusual adhesion, so it's a natural for priming hard-to-grip surfacesmetal, glass or tile. And it laughs at knots, sappy streaks, grease stains-even old varnished woodwork-which would bleed through ordinary primers.

Take drying time. In only ten minutes B-I-N is so dry the casual painter can back into it (absent-mindedly, the way we do, or even on purpose) without picking up paint. In only 45 minutes he can apply his finish coat of paint. Right there he's cut out that second day. No waiting overnight before applying a final coat. He paints and cleans up in just one day.
We'll run into skeptics, we know. They set their lips in thin lines when we wax enthusiastic, but professionals have used B-I-N for sixteen years to save time and money and to make their jobs easier. Why not you? For our booklet, "When and Where To Use A PrimerSealer" (actually a blueprint for accumulating leisure time), write:
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Milk and sugar in just one pour - that's the secret of Eagle Brand. It's a blend of milk and sugar pre-cooked to rich smoothness. So it makes fudge creamier.
1 package ( 6 oz .) semi-sweet chocolate pieces $1 / 3$ cup PLUS 1 tablespoon Eagle Brand Sweetened Condensed Milk
Pinch of salt - $1 / 2$ teaspoon vanilla extract 3 tablespoons ground nut meats
Heat chocolate in double boiler top over fast-boiling water, stirring until just melted. Remove from heat. Add Eagle Brand, salt, vanilla, nuts. Stir until smooth. Turn into wax paper-lined container and press into block one inch high. Chill in refrigerator until firm, about 2 hours. Makes $1 / 2$ pound of smooth, delicious fudge thanks to Eagle Brand.



## You couldn't be smarter . . . or look it!

We have a feeling you'd look fine in a Corvair. You'd feel fine, too, because you could think about how smart you were to save all that money (on gasoline and the antifreeze you don't have to buy and Corvair's likably low price). We'll let you find out for yourself at your Chevrolet dealer's how remarkably tuned Corvair's handling is to a lady's touch. A brief drive ought to start you thinking about colors and such. . . . Chevrolet Division of General Motors, Detroit 2, Michigan.

1. Monza Club Coupe - feather-light steering, beautifully balanced braking, fashionable style inside and out.
2. Lakewood-no wagon comes close to it for handling. And it can hold up to 68 cubic feet of you-name-it.
3. 4-Door Sedan-practical's the word for this one. Luggage capacity under the hood's up by nearly $12 \%$ this year.

## '61 CHEVY CORVAIR <br> corvait



Chances are, some of your hard-earned dollars were a part of the $\$ 7$ billion spent on home repairs in 1960. This huge sum wasn't for remodeling or improvements, mind you, but simply for those repairs necessary to keep the old homestead from falling apart or drastically declining in value. Under average conditions, your annual maintenance bill will be about two per cent of what you originally paid for your home.

Not many families know exactly how much they spend each year on home repairs and necessary replacements. It's surprising how few of us keep an accurate record of small charges. If you were billed $\$ 375$ for a new underground sewer line, you'd remember it. But you've probably forgotten many bills for $\$ 5, \$ 10$, and $\$ 15$. It's these small charges, in the long run, that make up most of that $\$ 7$ billion.

The best way to cut down home-repair costs is to make some of the repairs yourself. The man of the house who isn't any good at fixing things may be endearing, but he's out of fashion. In this day and age, any adult, man or woman, should be able to make such basic repairs as fixing a sticking door, replacing a windowpane, clearing a stopped-up drain, etc. The practicality of making repairs yourself will be clear when you study this breakdown of a typical plumber's bill for repair of a leaky faucet.

Cost of new washer .03
One hour of plumber's time . . . . . . . . . 4.25
Union welfare and pension funds. . . . . . . . 27
Overhead (permits, insurance, interest on loans, phone, office supplies, gas and oil, repairs to truck, taxes, etc.)1.75

Profit . . . . . . . . . . . . . . . . . . 73
Total $\overline{7.03}$
As you see, most of the bill was for labor and overhead. The worn-out washer-cause of the leaky faucetcost only three cents. By doing the job himself, the home owner could have saved $\$ 7$.

Assuming there are at least six faucets in your home, and that the average life of a washer is anywhere from two to three years, you can save a tidy sum by learning to do this work yourself. A more difficult job-such as cleaning a plugged drain line-might take you three or four hours to fix as against two hours for a plumber. But you'd save around $\$ 15$.

Patching a hole in a concrete walk or drive will cost you about a dollar for the materials; you'll save $\$ 20$ or
more in labor. You can get everything you need to replace a pane of window glass for about a dollar; if you call a carpenter, you'll probably pay him from $\$ 8$ to $\$ 10$.
Actually, if you were to put in an hour a week making necessary repairs around your home, you could probably save about $\$ 250$ annually on labor alone. What's more, you'd get the jobs done without all the phoning and waiting and inconvenience that's involved when somebody does the work for you.
These are average prices you'll pay a professional for some of the more common types of repair jobs:
Roofer-for a small-scale job such as replacing a few shingles-about $\$ 15$.
Electrician-about $\$ 5.50$ for a service call to repair a damaged outlet. For installation of a new outlet, the standard price for plasterboard construction is $\$ 12-\$ 13$, if no major problems develop.
Painter-for a $12 \times 15 \mathrm{ft}$. room, $\$ 40$ per room with relatively cheap paint. This $\$ 40$ is just for a single coat. If scraping, patching, or a second coat is necessary, the price goes up accordingly.
Appliance serviceman-service calls range from $\$ 4-\$ 6$ with a $\$ 5$ national average. This does not include parts.

E
ven if you run up against a job that you can't do yourself, there are ways you can save some of the cost. One of the simplest is to do the unskilled part of the work. It's possible to save $\$ 15$ or more in hourly pay by just getting a room ready for the painters-removing pictures and wall decorations, taking off electric plates, moving furniture out of the way, covering floors and furniture with drop cloths, patching cracks and holes in the walls.
You may not feel qualified to install certain kinds of resilient flooring. But, if you can drive a nail and use a saw, you can put down the underlayment that may be required or make other necessary preparations.

But whether you do the work yourself or hire someone else to do part or all of it, there are some basic steps you can take to save money.
Know your own home: Home owners waste hundreds of dollars each year simply because they have not taken the time or had the patience to learn the elementary facts about their homes. There's a classic story of a plumber who spent half a morning trying to locate a shut-off valve on a plumbing line. It was finally found, but only after removing large sections of the paneling of a finished basement room. No one in the household had any idea of where this valve was located. (continued)


When a head cold makes your eyes feel hot and uncomfortable, cool and soothe them with gentle Murine. Murine's exclusive formula of 7 ingredients cleanses, comforts and refreshes your eyes. Rests tired eyes and so relaxes tension. See how much better your eyes feel when you use Murine every day.

## (continued)

In another case, a home owner had to have most of his front lawn dug up during the winter at great expense in order to find a septic tank that was flooded. No one had ever bothered to find out where the tank was situated. There are even home owners who don't know what kind of heat they have-hot water or warm air.

A good rule is to have a complete set of the house blueprints, including plot plan, so you'll know where to find shut-off valves; which fuse or circuit breaker controls which circuit; and where the septic tank is located. These will come in handy for repairs as well as for future improvements. You can usually get these from the builder, the architect, or the previous owner of the house.
If you are buying a home, insist that either the builder or the previous owner go through the place with you pointing out the various parts of the mechanical systems and other pertinent information.

If you want more information about the care and maintenance (and geography) of the home you already have, ask your plumber, electrician, or appliance serviceman the next time he's there to do a job for you.

Another way to save yourself repair costs is to read and follow instruction manuals supplied by the manufacturers of the equipment in your home. In the case of a furnace, for example, failure to clean or replace a furnace filter in time (as specified in the manual) could result in damaged equipment. Often, of course, the instruction manual isn't supplied or has been lost. Then it's up to you to write to the company and request one for the model you own.
Get many jobs done at once. Most service calls today involve considerable travel time for the serviceman, and many hourly charges are figured on a portal-to-portal basis. When it's necessary to call someone, have a list of several other jobs he can handle while he's on the same trip.

If, for example, you call the plumber to repair a burst pipe, have him check any dripping faucets, noises in the plumbing system, or low pressure at outlets. Preventive repairs are cheaper in the long run than repairs that must be made in an emergency.
How to avoid emergencies: You can't avoid all emergency calls, but it is possible to avoid a great many just by knowing the life expectancy of a piece of equipment or material or by checking its condition from time to time.

For example, the life of the average hot-water heater is about ten years. If your present heater is much older, it would be wise to have it checked for its general condition and faulty parts.Or if you've had trouble with it lately-lots of rusty hot water or leaks-it's probably running on borrowed time. It may last another ten years, but then again, maybe it will quit on you tomorrow (which may be a Sunday), and many skilled workmen get time and a half or double time for Sundays, holidays, and after 4:00 P.M.
In such an emergency you may not be able to get your own plumber, but will have to rely on someone else who'll charge you all the traffic will bear. And perhaps the brand or model heater that you want won't be available on such short notice.


The same thing applies for a heating plant which has a life expectancy of about 20 years, or a roof which may last 15 years or more. Home-owner lore is full of reports of families who had to pay through the nose because they waited too long before having a damaged roof repaired, a leaky basement waterproofed, or a decayed girder removed.

Damage around a house doesn't get better simply by being ignored; it only gets worse, and the worse it gets, the more it's going to cost you. The chart on page 22 is to remind you of the various parts and equipment of a house that should be inspected and serviced periodically. And remember, once you've noted things to be fixed, fix them!

Another point: replacements are often cheaper than repairs. A carpenter, for example, can spend several days rebuilding a window frameand sash, but it will probably cost you more than it would to pull out the old frame and sash and put in a new one.

Take advantage of seasonal slack periods. On many jobs requiring professional help, you will get a better price and even better workmanship if you take advantage of seasonal slumps. The best time to get new heating equipment, for example, is in the late spring or early summer when business for heating contractors is generally at its lowest.

The same holds true of painters who are very busy in the spring, but may not be so rushed in the early fall, despite the fact that the fall is a better time to have outside painting done.

Many craftsmen such as carpenters, plumbers, masons, find things rather slow in the winter when the climate is not suitable for exterior work. If you have interior work planned, you'll probably do better to wait until winter.
Get several bids. Few home owners take the time or trouble to shop around and get bids from various firms before undertaking largescale repair jobs.

Remember, while the lowest bid is not always the best from every standpoint, neither is the highest. Get your bids in writing and make sure they spell out the manner in which the job is to be done. Decide what you want before you get estimates, then stick to it. Each item you add or change after the work is started will cost more than if figured into the original estimates. Be specific over the phone. You can save the serviceman a good deal of time, and yourself money, by being as explicit as possible over the telephone. When a piece of equipment is causing the trouble, give the brand name and model number and try to describe the trouble. Don't just say, "It's stopped running."
Join a service club. A comparatively new aid to home owners has been the development of the home service club in many sections of the country. Though these clubs vary, their purpose is to provide a onestop center to channel all calls for home repairs and services.

The "members," who are home owners, pay an annual fee which entitles them to call the club for repair jobs ranging anywhere from a clock-repair job to the painting of an entire house.

Among the largest of these clubs is Allied Homeowners Association, Inc. Similar organizations are United Home Services, Inc., and National Home Owners Clubs.

Although most service clubs are reputable, if you plan to join one, check your Better Business Bureau or Chamber of Commerce first.
(continued)

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# ideas 

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[^1]

## Name.

Address
City

## Home Owner's Repair and Inspection Guide

## EXTERIOR REPAIRS

$\square$ R00F: Inspect at least twice a year in spring and fall. Look for loose, split, or curled shingles. Repairs can generally be made by nailing or using roofing cement. Check chimney for crumbling mortar joints or cracked cap. Repair with Portland cement mortar.
$\square$ ROOF FLASHING: Inspect at same time as roof. Check for holes, corrosion, and loose sections. Repairs can usually be made with roofing cement and additional nails.
$\square$ GUTTERS AND DOWNSPOUTS: Inspect at same time as roof. Look for leaks, decay of wood gutters, rust and corrosion of galvanized gutters. Check for sags or loose sections and correct by adjusting hangers or by adding new hangers. Clean gutters. Galvanized and wood gutters should be painted on outside. Keep gutters and downspouts from direct contact with woodwork. Discharge from downspouts should be carried away from house foundations for 15 feet.
$\square$ SIDING: Inspect in the spring. Look for cracks, splits in wood siding. Repair with caulking compound or wood putty. Patch cracks in masonry siding with cement mortar. Check wood siding for blistered or peeling paint-indications of moisture on inside of siding.
$\square$ FOUNDATION: Inspect once a year. Check for cracks. Repair with cement mortar or caulking compound. Also check for earthen tunnels which indicate the presence of termites.
$\square$ FOUNDATION PLANTS: Inspect during summer. See that they are at least 18 inches from house woodwork. Trim back if necessary.
$\square$ GENERAL MASONRY: Check for deteriorating mortar joints, cracked caps, and white crust. Repair cracks with cement mortar. White crust, called efflorescence, indicates moisture in old wall. Can be removed after leaks are repaired with 10 per cent solution of muriatic acid. Check spring and fall.
$\square$ OUTSIDE PAINT: Inspect at least once a year. Exterior paint requires repainting about every four to five years. Check for cracks, blistering, and peeling.
$\square$ OVERHANGING TREE LIMBS: Inspect twice a year. Remove dead limbs that might break and cause damage to house or exterior wires.
$\square$ TV AERIAL: Inspect at same time as roof. Check for loose mountings and corrosion.
$\square$ TERMITE INFESTATION: Inspect in spring. Look for earthen tunnels on foundation. Prod woodwork near or touching the ground with awl or ice pick. Wood that feels soft on the inside indicates possible termite infestation or decay. Look for signs of termite activity in the form of wings shed by adult termites. Call an exterminator.
$\square$ WINDOW AND DOOR FRAMES: Inspect twice a year. Look for loose or falling putty around window glass. Look for deterioration of caulking between siding and frames and replace as required.
$\square$ DECAY OF WOODWORK: Inspect twice a year in spring and fall. Prod woodwork near or touching the ground with awl or ice pick in same manner as for termites. Soft interior of wood indicates decay or termites. Replace decayed woodwork with masonry or with wood which has been treated with a wood preservative.
$\square$ SEPTIC TANKS: Inspect every year, in the spring. Check depth of semisolid sludge at bottom of tank. If distance between scum and sludge is one half or less than total depth of tank, have it pumped out by septic tank cleaning concern.

## INTERIOR REPAIRS

$\square$ APPLIANCE CORDS AND PLUGS:
Inspect every four months. Look for frayed or damaged insulation. Replace cords in this condition. Check connections with plugs and tighten if loose. Replace damaged plugs.
$\square$ ATTIC AND ATTIC CRAWL SPACE: Inspect twice a year, once in summer and once in winter. Check underside of roof for possible leaks. Check for excessive heat and dampness in summer. Excessive heat indicates inadequate insulation or poor ventilation. Dampness indicates poor ventilation and can be corrected by increasing louver opening.
(continued on page 84)


Stars of this bathroom are the beautifully designed Contour bathtub, Sherrilyn lavatory and Carlyle toilet. All are quality products, in white and colors, by American-Standard.

## 

 new off-center design of the lavatory...the extra bathing roominess of the bathtub... the simple lines of the one-piece toilet... and you will want these stay-beautiful products in your bathroom. And remember, for all their sparkling beauty they cost less than you think, so...for the newest...look to American-Standard

The new off-center design of the cast iron Contour bathtub forms two handy ledges, one is a shelf, the other a seat.

For more informationsee an American-Standard retailer listed in the Yel low Pages under "plumbers" or "plumbing supplies," or mail coupon AMERICAN.STANDARD

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Please send booklet "Planning Modern Bathrooms in Color." I enclose $10 \&$ for mailing. I am modernizing__, building_.

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ROBERT W. HOUSEMAN

## A HOUSEFUL OF COLONIAL CHARM. CIRCA 1961

We bring you fresh new ways of using American traditional furnishings!


The colonists were never ones to resist change. Although they may have borrowed ideas from the Old World, they never hesitated to adapt, to grow, to welcome the new! In the same spirit, we bring you our 1961 version of this timeless decorating style-in tune with the needs of today's living but with all the charm and beauty of the past. So excited were we with the abundance of fine colonial furniture, furnishings, and accessories in stores today, we decorated a house entirely with these fine adaptations. The furniture, with subtle and up-to-date changes, is scaled for today's rooms. Fabrics and floor coverings, taken from lovely patterns of the 17th and 18th centuries, are fresh from the looms.
(continued)

Quilted chintz wing chair and plaid love seat flank the fireplace in this spacious living room. Shaker blue paneling and bright red carpeting set the color scheme. Furniture types include Queen Anne, Chippendale, and ladder-back chairs, and George Washington desk. Even accessories are reproductions, except the antique ship model.

# Yesterday's charm in a bright new setting 

TThe house we chose for the background of our traditional furnishings (far right) is brand new, built of the most modern materials, yet it has the weathered look of a true New England homestead.

The downstairs floor plan provides a practical arrangement of the kitchen, family room, and the convenient dinette shown on this page. The dinette has a casual, country air, in contrast to the more formal living and dining rooms.

The furniture is painted blue-green and "antiqued," a pleasant change from natural wood finishes, yet it is typically colonial in feeling. The small cupboard on the wall has off-white porcelain knobs on the drawers. The open shelves of the corner cupboard, which display china and pewter, are framed with a scrolled border; the cabinet below has a gently arched panel door.

A round braided rug centered under the dinette table leaves a generous expanse of easy-to-clean hardwood flooring. The ceiling light pulls down when the table becomes a study or work area.

Provincial dinette, seen through open shelves from the kitchen, features a background of neatly patterned wallpaper in blue and green. Shining bottles and other accessories are all available reproductions. Ready-made curtains and valance are trimmed with rickrack in shades of blue.



This handsome colonial house with split-cedar shake siding, slate shingle roof, and chimney made of used brick is perfect in proportioned detail. It was designed and built by Walter Uhl.
 separate dining room, kitchen, dinette, and family room. Upstairs plan has a master bedroom suite with dressing room, bath, and abundant closet space. The three other bedrooms upstairs are also bright and roomy.


# Family dining room with 

 company mannersTlower-strewn wallpaper styled after a French design is a lighthearted background for this cheerful dining room. The wallpaper continues the liv-ing-room color scheme, and teams up with a matching fabric. Dado and woodwork are the same serene Shaker blue, and the $8 \times 10$-foot braided rug combines all the chosen colors.

Colonial-inspired furniture in this room includes a graceful buffet, Early American ladder-back chairs with rush seats, and a handsome table that extends to seat ten. Window treatment here, as in the living room, is simple but effective. White ready-made curtains, trimmed with tassel fringe, are shirred on the rod and tied back. Drapery panels at sides of windows are pleated, hung on short stationary rods-a very economical window treatment.

Simple provincial chandelier sheds electric candlelight over a table set with blue linen place mats, blue and white chinaware, bright blue stemware, and stainless-steel flatware in a traditional Queen Anne pattern. Large center window has show-off shelves for fine reproductions of early glass. All furnishings are available in stores.


## Colonial furnishings give each room a change of pace

One of the joys of colonial decorating is that it offers you, within one style, a wide variety of moods. You can vary from farmhouse provincial to city-house formal and still have a harmonious decorating scheme throughout. Notice in this house how the decorating style changes subtly from one room to the next, yet is a completely coordinated whole. The reasons: the adaptable character of this provincial furniture and use of a major color scheme!

Each furniture piece is scaled and finished to go with the next, yet each has its own individuality and flavor. Colors are rich reds, clear blues, and crisp white, with the emphasis varying from room to room.

The family room at left uses a scheme of bright color splashes to set the mood for informal fun. The provincial bedroom (upper right) has restful blues for a quiet atmosphere. The reds in the bedroom (lower right) create a warm, dignified atmosphere.

Wing-chair-for-two in scarlet sets the tone for this comfortable family room. Bright plaid of the settee and the paisley draperies and accent pillows are balanced by the bold oval rug. The coffee table can easily be transformed into two benches with pillows added.

Rich reds and several patterns from the past blend beautifully here in the eagle coverlet, Williamsburg striped drapery fabric, and wallpaper pattern reproduced from one found in an early stone house.


Pretty bedroom uses blue in patterned wallpaper, ruffled gingham valances, and matching dust ruffe. Coverlet is a Friendship design; classic secretary can be used as desk or dressing table.


WWherever you live (provided
you can watergrass in periods
of drought) you can have a lawn
that's good. Or bad. Or indifferent. It's up to you, and now's the time to decide. If a bad lawn doesn't bother you, just sit tight and forget it. If you'll settle for an indifferent lawn, just go on planning to do whatever seems easiest, or whatever someone tells you to do when the time comes. But if you want a good lawn, get the facts straight now about what such a lawn needs and then get going to supply it! First, the facts that have to do with feeding. Science has found that grass, like all

YOURS?plants, needs about 16 nutrients, and that it needs them in a chemical form that the cells" of the plants can use. Of the 16 nutrients, three must be replenished in the soil regularly in order to produce good turf. These are nitrogen, phosphate, andpotash. And of these, nitrogen is the most important. In fact, nitrogen is the master key to lawn feeding.
(continued on page70)

## H. B. Musser : Y-

Pennsylvania Stafe University


## HOW Nobody

 TO WASH board. But dispenser, washer? Stymied by the new fabrics, detergents, would ever want to go back to the clothesline does your head swim when you face the the prewash soak, or the drip-dry cycle
## ck to the clothesline

 water softeners, and bleaches? The advances mat new soaps, ment, laundry products, and fabrics have made in laundry equipthey've also brought with them a load have made laundering easier but But don't be afraid of progress! of brand new washday problems. answers to 23 of the most common lan these pages we bring you the Our guide was developed from reader's launy headaches you face today. American Home Testing Center. Sts' questions and the findings of our. washday can be the breeze that. Study the answers with care. Your. How can I get gray-looking clothes white? soap or detergent left from repeated lau. Grayness is usually a film of condition fabrics in the washer. Use hot rinsing. To restore whiteness, Instead, add a double measure of water water and no soap or detergent. let the machine complete a full automati conditioner, such as Calgon, and wash, if necessary. To prevent further cycle. Repeat this conditioning gent carefully and always add a water graying, measure soap or deterWhy is soft water so important for launder or soft mine is? Soft water wash laundering and how can I tell how hard soap or detergent and less bleaching. It whiter and brighter with less rinsing more effectively. Even starch. It also makes fabrics softer by evenly with soft water. Your local water bluing penetrate fibers more dealer can tell you about water in your department or water softener gallon hard, it really should be conditio area. If it is over 3 grains per with an automatic softener or a packaned for good laundering, either My baby's clothes often have brownish ing. Can you help? These may be that ordinary laundering won't remov special stains, oils, and acid soils least a soaking in cool or lukewarm we. Prompt stain treatment, or at water and add a little extra water condter, will help. Then use hot wash sist, use bleach occasionally. Be sure batitioner or softener. If stains per-
## NEW <br> What does

ments and neater in little or no have made wash roning. Special finishes, new fibers and new, washed and tumbland-wear possible. Most of these items can fabrics all often looks smole-dried successfully. In fact, wash can be machinewhen tumblingother if it is dried in the dryer and hand-wear clothing. news on laundering. (See the list of equipment features on promptly

## What causes yellowing and

On pillowcases in regular use, this black spots on my white pillowcases? tion, hair oils, and creams. Pretreat yellowly a combination of perspiraundiluted liquid detergent. Follow with areas with a soft brush and thorough rinsing. If necessary, sow with a regular hot-water wash and bleach, then launder again. A soak pillowcases in diluted household detergent will help prevent yellowing. Black oil that collect on fabrics if wash water is spots are tiny particles of enough. A conditioning wash, the same as fot hot enough or soft Can I avoid streaks when I starch dark the thin solution-type starches that go into th? Yes, if you use one of tions for mixing. Hot-water starch should be the fabric and follow direcgarments inside out and work the starch thoroughly before using. Turn fabric, then wring out. If you are starchingoughly through the damp automatic washer and spin out excess starch several pieces, do it in your folds where starch might collect. Damp-drch. Smooth out seams and dry entirely and sprinkle and iron later. Irys for immediate ironing or a shine. For touch-ups on the right sider. Iron on the wrong side to avoid and press lightly. Always avoid washing cover fabric with a clean cloth How can I get my husband's greas d dark cottons with linty fabrics. with the car? Give them a fivesy clothes clean after he's been tinkering fabrics can stand (follow your winute prewash in water as hot as the mended temperature settings for varior instruction book on recomof detergent. Follow with a regular wash fabrics) with a full measure detergent. For very greasy soil, add a littcle, using fresh water and hold ammonia ( $2 / 3$ cup for each 10 gallonse extra detergent. Housegrease. Remaining stains may require ble of water) also helps to cut




## Cozy warmth and

 friendliness keynote the home of Jack and Joan Butler and their two children. (More pictures of this house on the next page.) The Butlers did their own landscaping, which is a model of effective simplicity.

## The people who live here love it

These are busy, active families of various age groups. Some have children (a neighborhood total of 15 at home, varying from preschoolers to college age), and some don't. Some have lived here since the street was opened, others are new, replacing first owners who left reluctantly because of job shifts. The men are in assorted professions, and two of the wives also have jobs.

Several of them described to me their first sight of the neighborhood and especially the house they bought. They hadn't intended to buy here, but when they saw the house they had to have it!
(continued)



One of the largest houses on the street (shown on opposite page as well as at left) belongs to Mr. and Mrs. Donald Mayer and their five lively children. Its plan takes advantage of the hillside location, allowing for a walk-in lower story. The back yard, level with the main floor of the house, is rimmed with flowers in a raised rockery, and enclosed by a fence. You can catch a glimpse of the neighbors' fences beyond.



When you look out the Kriesiens' kitchen window, the neighborhood back yards seem to be one big lawn. "We came out here to get away from the hubbub of the city," says Mr. Kriesien. "It's fun living here. The children are delightful. They never intrude on our property or trample on our flowers.'



All the houses have patios. This is the Butlers', located in the angle formed by the wings of their house, and opening off the keeping room. It has privacy, for the near-by Hughes patio is enclosed by a fence, and is also screened by a clump of trees.


# PRUNING IS EASYONCE YOU KNOW HOW! 

By pruning correctly you can do all kinds of things with shrubs and trees - prevent them from growing too tall or too broad; make them more dense or more open; change their growth pattern completely; make them produce larger and fewer flowers or smaller and more flowers. You can help overcome injury, or turn old, played-out shrubs into young, vigorous ones.
The basic principles of pruning are simple, but disregard them and you may damage your shrubs and trees. Study these pictures for the correct techniques.

Right now, in late winter or early spring, is the time to take stock of the pruning requirements of your garden. Stems or branches that are dead or badly damaged should be removed or trimmed as early as possible to allow a long season for the pruning cuts to heal and for new growths to develop.
But not all pruning that's intended to restrict or improve the shape of shrubs and trees should be done now. Some plants should be pruned later, and it's important to know which ones these are. (continued on page 78)

1





## HOW PLANTS

 GROW, AND WHAT PRUNING DOES TO THEIR GROWTH
## WHERE AND

HOW A
PRUNING CUT
Should be
MADE

Growth buds of some plants are alternate on the stem (1, left); of others, opposite on stem (2). Pruning an alternate-bud stem to a lower growth bud causes stem to grow in direction bud points (1, right). Pruning an opposite-bud stem to lower buds causes two stems to grow (2). To keep alternate-bud stem straight, prune to bud on different side each time you prune; to train in
one direction, prune to bud on same side; to promote bushiness, prune several times a year. To prevent opposite buds from making two stems, remove one growth; to promote bushiness, allow both to grow, and prune often. Pruning a bush low (3) produces vigorous new stems and fewer but larger flowers. Pruning it high (4) produces small twiggy branches and more but smaller flowers.

1
1 2


Make cut at slight angle, about $1 / 4^{\prime \prime}$ above bud (1, left) on thin stems, $12^{\prime \prime}$ above bud on thick stems. Don't make cut below bud (1, right, above) or stub will die back, as shown in 2; and don't make cut at a too-sharp angle (1, right, below) or it will never heal properly, as shown in 3. Smooth side-of-stem cuts $(\mathbf{4}$, left $)$, trimmed with knife if necessary, will heal properly, as shown in 5;
bad cuts (4, right) will not heal and may start decay. To head back a tree or shrub and encourage bushiness, prune to just above branch (6, left, above); but to eliminate low branches and make tree form high crown, remove branch flush with stem (6, left, below). Don't prune branch between buds (6, right, above) and don't prune stem or trunk between branches (6, right, below).


PINES MAKE GROWTH FROM "CANDLES"

New growth on pines (left) develops as "candles" at tips of branches. To restrict growth and induce compactness, shorten candles by one-half or more when they're at about this stage. To reduce height or breadth of a pine, prune stem or branch (right) back to any side branch or cluster of branches. But don't prune back to old, branchless wood, because it cannot make new growth and will eventually die.


StART
PRUNING
JUNIPERS
AT AN
EARLY AGE

To keep junipers (tree, bush, or creeping) the size you want, or to prevent ungainly, irregular growth, prune yearly. The young growth (left) has innumerable growth buds and can be pruned or sheared anywhere. Older growth (right) can only be cut back to a side branch, not to old, branchless wood.


YOU CAN MAKE CUTS ALMOST ANYWHERE

Yews are the easiest of all evergreens to prune, which is why they make such excellent hedges. New growth will start at the base of any leaf, and even heavy, old, bare trunks, when cut back, will send out new shoots. To restrict their growth or to maintain an attractive shape, cut back branches as shown at right. To produce a dense hedge, clip frequently with shears or electric trimmer.

how to TRAIN A

If a conical evergreen loses its leader or tip, or if you want to shorten the tree, you can train a branch to take the old leader's place. Bend the best side branch upright (as at right) and tie it in place with help of a cane. Then remove remaining top branches or prune them into conical shape.


Here's how to renovate a neglected, scrawny, deciduous hedge (like privet or this Arctic willow) that's no longer dense at the base. In late winter or early spring, cut it back close to the ground with long-handled or lopping shears (above, left). Then, when the new growth is a foot or so high, cut it back to about a quarter of its height (second from left). Keep cutting the new growth back as it
develops, both top and sides, until you have a solid, dense hedge of the height and width you want (second from right). From then on, maintain desired size by frequent shearing. The best way to shape a hedge is to shear it narrower at the top than at the bottom. This allows most light to reach lower branches and thus keeps them dense. The well-shaped, frequently sheared hedge shown at the right, above, is yew.



STRIPED BASS EN GELEE is poached ever so carefully, chilled, and garnished with truffles, pimientos, and lemon rind. Serve it whole in a fish-stock gelatin seasoned with vinegar and soy sauce. Garnish with water cress.

Fish, in pagan times, was never eaten by mortals-this delicacy was reserved for the gods! How lucky we are to have it in abundance. For the family table or for specialoccasion dining, fish provides a subtle, distinctive flavor -requiring only tender care at the home fire to bring it out. Fish takes to herbs and spices and is complemented by the tangy sharpness of lemon. The proud striped bass requires little embellishing. Prepare it baked, broiled, or sautéed, lavished with lemon juice and butter and served sizzling hot. But, for a festive affair, do try our masterpiece above, served cold-its delicate flavor locked in by a mold of savory fish stock and gelatin. (continued)
 it over a campfire, you're a lover of trout. Savor then our 'Trout Parmesan. Tender whole trout are bathed in milk, dipped in corn meal, and sautéed to a golden turn. A cream sauce with capers and Parmesan is the final fillip. Want something new in hors d'oeuvres? Try Norwegian Fish Puffs. A mixture of haddock and anchovy is shaped into puff's and served with melted butter and lemon juice. Fillets of Pompano Supreme have an intriguing white sauce and are garnished with orange slices and dill. Thin fillets of sole are wound around tender chunks of salmon in our Sole and Salmon Roulettes. With egg sauce, they're pretty and so good!
sewing cabine $\boldsymbol{t}_{-n e a t ~ a s ~ a ~ p i n, ~ b r i g h t ~ a s ~ a ~}^{\text {a }}$ button! You can't buy this complete home-sewing unit anywhere, but you can build it with American Home Construction Pattern No. CP-8, which calls for approximately $41 / 2$ sheets of fir plywood. Pattern Order Form and description, page 74.



3 quick 'n easy casseroles. Try all three or make up your own-with Campbell's Soup your flavor secret.
una-Spaghetti Casserole. In a $11 / 2-q t$. casserole, lend 1 can Campbell's Cream of Mushroom Soup, 3 cup milk, 2 tbsp. finely minced onion. Stir in a -oz. can tuna (drained and flaked) $1 / 2$ cups cooked spaghetti (about 3 oz ncooked), 1 cup cooked cut green eans. Circle top with 2 tbsp. buttered read crumbs. Bake in moderate oven $350^{\circ}$ F.) 30 min .4 hearty servings. dd a crisp green salad and dessertpr a souper supper to do you proud!


Beef-Macaroni Casserole. In skillet, brown $1 /$ lb. ground beef with $1 / 2$ cup chopped onion, 1 clove garlic (minced), $1 / 8$ tsp, oregano in 1 tbsp. shortening; mix with 1 can Campbell's Cream of Vegetable Soup, 1 cup cooked tomatoes, $1 / 4$ cup water, 2 cups cooked macaroni (about 4 oz . uncooked) Pour into $11 / 2$-qt. casserole; top with $1 / 4$ cup shredded mild process cheese. Bake in moderate oven ( $375^{\circ}$ F.) 30 min. 4 good and nourishing servings.

Chicken-Noodle Casserole. In a $1 \frac{1}{2}$-qt, casserole, combine 1 can Campbell's Cream of Chicken Soup, $1 / 3$ cup sour cream, $1 / 3$ cup water, 1 cup diced cooked chicken (or 5-oz. can Swanson Boned Chicken), 2 tbsp. chopped parsley, 2 tbsp, chopped pimiento, 2 cups cooked noodles (about 4 oz . uncooked). Bake in moderate oven ( $350^{\circ}$ F.) 30 min .4 wholesome and delicious servings. Look for other wonderful recipes on every can of Campbell's Soup.

Food things begin to happen when you cook with Campbrlli Soup


What a spell Tupperware casts in your kitchen! Makes last-minute rushes vanish into thin air! Saves you work, time and money like magic. Tupperware, you see, is the last word in plastic containers. A wizard at keeping food fresh. Lets you create delicious meals way in advance, and keeps them just-made fresh till serving time.
Tupperware's trick? It's the patented Tupperware Seal. Locks out air, locks in freshness
and flavor as no other containers can. (There, the secret's out. Now you know what gives Tupperware its mystical powers; why it's spill-proof, leak-proof and can be stored any which way.)

And what money-saving magic Tupperware works with leftovers! Seal them up in these air and liquid-tight wonders, and presto chango! Leftovers become "plan-overs"-food that keeps fresh and flavorful for days of more good eating.

And where do you buy these work-saving wiz ards? Abracadabra, at a party! A fun-togoto, fun-to-give Tupperware Home Party. Call your distributor for a dealer's name, or write Dept. A-3, Tupperware Home Parties Inc., Orlando, Florida.

AMERICAN HOME RECIPES A Fish Story

ctured in color on pages 46, 47, 48, and 49)



FOR A SMOOTH SAUCE, always blend the flour or cornstarch with cold liquid, or blend the flour smoothly into the fat before slowly adding liquid.



## Easy ways to be simply

## magnificent with new <br> Kraft Marshmallow Creme

1
All puffed up-this elegant Baked Prune Puff! Blend 1 jar Kraft Marshmallow Creme, 1 tablespoon lemon juice and $1 / 4$ teaspoon salt into 2 stiffly beaten egg whites. Fold in 1 cup chopped cooked prunes and $1 / 4$ cup chopped pecans. Pour into a $11 / 2$-quart baking dish. Place in a pan of hot water and bake in a moderate oven, $350^{\circ}, 30$ to 35 minutes. Makes 6 servings.

2
You've never tasted a rice dessert like this! Orange Pineapple Rice Pudding has wonderful flavor and creamy lightness! The secret is new Kraft Marshmallow Creme. Combine 1 jar (the wide mouth makes spooning so easy) with 1 cup drained crushed pineapple, 1 cup sliced oranges, $1 / 4$ cup toasted slivered almonds, 2 tablespoons lemon juice and 3 cups cooked rice. Chill.

3
World's easiest topping makes Peppermint Smoothie Sundaes. Combine 1 jar of Kraft Marshmallow Creme with 3 tablespoons of water and add $1 / 4$ cup of crushed peppermint candy. Pour over chocolate ice cream. For free Recipe Booklet of magnificent new Kraft Marshmallow Creme desserts, candies, and drinks, write Kraft Marshmallow Creme, Box 501, Chicago 77, Illinois.

## TAKE A CAN OF PODM BEANMN

Need a good hurry-up dish for the family or unexpected company? Then reach for a can of pork and beans. It's the basic ingredient in all of these delicious recipes. Each takes no more than 10 minutes to prepare, nor more than 30 minutes to cook. Most of the other ingredients are on the pantry shelf, too. frances m. crawford


CORNED BEEF AND BEAN CASSEROLE-peppedup beans are topped with a corned beef mixture.

RANCH BEANS-pork and beans with onion, garlic, green pepper, bacon, tomato sauce, and molasses.


QUICKIE BEAN PIE - a shell of luncheon meat, a filling of beans, and a topping of sharp Cheddar:


MEXICAN BURGERS - a mixture of ground beef, beans, tomato paste, and chili on toasted buns.


## AMERICAN HOME RECIPES <br> Take a Can of Pork and Beans

(pictured in color on pages 56 and 57)


SQUASH WILL BAKE more
quickly if you cut it
in half. Then place halves on a baking sheet with the cut sides down.


Take a
Can of Pork and Beans
(pictured in color on pages 56 and 57 )


NOT ENOUGH BATTER to fill
all the wells in a muffin tin?
Then pour water into the empty
ones to prevent them from
burning or turning brown.



Safe, unbreakable Pure-Pak cartons make milk safe for small hands to handle

# Smash(parf)Success! 

## ORDER PEACE OF MIND WITH YOUR MILK-IN SHATTERPROOF PURE-PAK CARTONS!

Clip this coupon now-leave it for your milkman-and get

toss bottle washing away-No more clutter or clatter of empties. Pure-Pak cartons are used only once by you!
milk in Pure-Pak cartons on your very next delivery!?

> Dear Milfemaw
> Please stat delwering our milte in safe, modern Pure. Pate cartons...
> and save yourself that trip to the trucle with empities.

SIGNED:



# Wash Away <br> Your New Laundry Problems 

(continued from page 35)

## THE THINGS WE WASH

What can I do to keep T-shirts from shrinking?
Watch for special shrinkage-control finishes now used on cotton knits. Check labels when you shop. To reduce shrinkage in ordinary knits, stretch them when slightly damp and finish drying flat. Overdrying is often a cause of shrinkage. Use of a fabric softener helps fibers to retain moisture, makes them soft and resilient.

Every article or instruction book I read tells me to check labels and tags on garments. Just what should I look for and how do I interpret it?
By federal law all clothing and household fabric products must be labeled with the following data: (1) Fiber content, stated in percentages, listed by generic name;
(2) Name of the manufacturer; (3) On imported fabrics, the country of origin.
Look for the fiber information as it helps you determine whether a
fabric is washable and how to do it. "Generic" means the family or classification to which a fiber belongs. For example, Orlon and Acrilan both belong to the acrylic family. Dacron and Kodel are both polyester fibers. Trade names are often included, sometimes with care suggestions. If laundering instructions are not given, use the fiber information as a guide. All fibers in any one family require similar care. When several fibers are included, launder according to the fiber you know to be most delicate or the one used in the greatest percentage.
What causes yellowing, particularly in wash-and-wear cottons and blends? It could be the resins used in many special fabric finishes. They react chemically with chlorine bleach and turn yellow. You can remove the yellow with sodium hydrosulfite, available at drugstores. Dissolve one teaspoonful in a gallon of water and soak the fabric until it becomes white. Always check wash-and-wear labels before you bleach. If they don't state that chlorine bleach can be used safely, use only a safe all-fabric bleach. If your problem is yellow-ish-brown spots, it may be from iron rust in your water supply.

Above all, do not use chlorine bleach. It will cause even more yellowing. To treat rust stains, moisten with lemon juice and salt and dry in the sun. You can also buy commercial rust removers at drugstores. Follow the directions carefully. To make your own rust remover, ask the druggist for oxalic acid crystals. Dissolve a tablespoonful in a gallon of warm water in a glass or plastic container. Soak fabric only until stains disappear, then rinse thoroughly. Never use oxalic acid in your washer since it may damage the tub. To prevent further staining, use water conditioner in both wash and rinse water.

## THE LAUNDRY PRODUCTS WE USE

Are laundry aid dispensers in the new washers time savers? Can't I just add these products as I load my washer?
You bet they save time! The only laundry aids you can add safely or properly as you put in the clothes are soap or detergent, flake bluing, water softener or conditioner, and all-fabric bleach. With dispensers you can measure other ingredients in advance and know they will be added properly as needed. Dispensers also help to
avoid mistakes such as pouring undiluted bleach onto fabrics.

What kind of detergent is best to use? In a top-loading washer you can expect good results from any allpurpose detergent (sudsing or lowsudsing), if used in proper amounts. If you use a tumble-type washer or combination washer-dryer, use only a low-sudsing detergent. This is essential for front-loading machines as heavy suds prevent proper washing action and may cause service problems.

In choosing a detergent, experiment to find the brand you like best. Many have brighteners to keep whites and colors brighter with less bleaching or bluing; others have built-in oxygen bleaches. Bothsudsing and low-sudsing products come in powder or liquid form. See which youfind more convenient. Be sure to follow instructions for proper amounts. Measuring is essential for good laundering results.

Does chlorine bleach actually remove soil?
Yes, it aids detergent in removing certain soils.

When should I use chlorine bleach? Use it in every third or fourth washing to keep
(continued)


It's delectable on hamburgers Try it on ham or turkey sandwiches. Great on steak!

Iuscious on salads So thick you can thin it
with milk or Kraft Italian Dressing!

One taste and the temptation begins. Those blueveined chunks of blue cheese crumble on the tongue. They melt in the mouth. They come wrapped in a uxurious, creamy-smooth dressing. The texture is antalizing. The flavor is uninhibited. Naturally you vant more. And why not! There are more blue cheese hunks than you'll ever be able to count in this luscious new dressing. Only a cheese maker could make t this good!

such big beautiful chunks.



## FAST AOTING CAMEO COPPER CLEANER

It's so easy and inexpensive to keep your copper beautiful, you can use it every day. New Cameo Copper Cleaner restores the lustrous glow to copper, keeps it "bride-bright". No harsh abrasives to harm your copper or your hands. No wonder Cameo Copper Cleaner is the best selling! Also available in cream form. Wonderful, easy-to-use Cameo Cream Copper Cleaner. And try Cameo Stainless Steel and Aluminum Cleaner. white or colorfast cottons and linens looking new. You'll need bleach, too, for very heavily soiled loads and for some stains.

The wash cycle is the most logical time to bleach. Since many detergents now have added brighteners, the trend is toward adding liquid bleach part way through the wash cycle, after the brightener has taken effect. Some of the automatic dispensers work on this delayed timing basis.

If your machine has no bleach dispenser, always dilute liquid chlorine bleach before adding it to the wash water. See the label for correct amounts to use. With a dry bleach no special timing and diluting are needed. Follow the directions on the box.

What is the difference between a liquid bleach and a powdered bleach?

The liquids, often called "household bleach," are all chlorine-type bleaches. They can be used on most fabrics, but not on wool, silk, or fabrics with chlorine-retentive resin finishes. Directions on the labels should be followed carefully.

Powdered bleaches may be (1) dry chlorine-type, which does the same job as liquid bleach, but is safer and easier to use; or (2) safe all-fabric type which contains oxygen rather than chlorine. If you choose to use all-fabric bleach it should be used in every wash to maintain brightness. Check the package for proper amounts and water temperatures.

Is bluing really necessary if I use a detergent with fabric brightener?
No. In fact, bluing is seldom necessary if you use hot enough water and adequate detergent. Bluing is simply a dye that makes yellowed clothes look whiter. Too much can even give them a grayish cast.

What is actually meant by "hot water"?

It means water of at least $140^{\circ} \mathrm{F}$., preferably $150-160^{\circ} \mathrm{F}$. for white and light colorfast cottons or linens. Temperature in the washer tub is what counts. Check it and adjust your water heater control accordingly.

So many different chemical compounds are listed on stain removal charts. What are they and where do I buy them?
These are special compounds that go beyond the ordinary methods of soil removal to react chemically on stubborn stains. Most of these items, such as oxalic acid, sodium hydrosulfite, glycerine, and hydrogen peroxide, are available at
any drugstore and may be used safely with proper care. In fact, you'll find it handy to keep a basic stain removal kit in the laundry. Be sure to follow directions carefully and keep all such items out of children's reach.
An excellent booklet for ready reference is Home and Garden Bulletin No. 62, "Removing Stains From Fabrics," put out by the U. S. Department of Agriculture. To obtain a copy, send 15 cents in coin to: Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

## THE EQUIPMENT WE USE

Is it true that automatic dryers may yellow clothes?
Certainly not, unless something is badly out of adjustment and needs service, or it is being used improperly. Because the dryer is "last in line" it is sometimes blamed for laundry problems that are really caused by poor washing or rinsing. As long as you follow instructions sensibly, and as long as your laundry is properly washed and rinsed, yellowing will never be a problem.

I'm in the market for a new washer but there are so many models to choose from. How am I to know which is the best one to buy?

All washers will basically do a good laundering job, but certain features and differences in design may indicate which one will best suit your needs. Factors to consider would be the size of your family, family habits, the contents of your own laundry basket, space requirements, your water supply, your budget, and the availability of service. Promptness of service should be a deciding factor in choosing any appliance. Do take your time when you shop for a washer. Ask questions, compare features, and take a good look at the controls. Some washers have push buttons, some have knobs, and many have both. Don't hesitate to try out the controls and see which will be easier for you to use and understand. If possible, see a washer in action before you decide. The washer you buy will probably be the one you use for the next five years. So think of how your laundry will change and shop for your future needs as well as your immediate washday problems. As a guide, check the list of features on page 65 before you shop.

Would it be better to have a separate, washer and dryer or the combination?
For turning out clean, fluffy clothes it makes practically no difference. Today's combinations

# There's just no triumph like yeast rolls you made yourself! 

are just as effective, easy to operate, and economical as individual units. They hold their own, too, in speed and flexibility. Decide on the basis of space, convenience, and your specific needs. If the space-saving advantages of a combination would help you in planning a more conveniently located laundry, we'd say take it! A combination washer-dryer offers savings, too-it uses less water and detergent, eliminates the bother of moving wet clothes from washer to dryer and setting more controls.
If the wash cycle in a combination develops trouble, can it still be used for drying?
Sometimes a combination can still be used for drying when the washer mechanism needs service, and vice versa. It depends on the service problem involved.

Can I wash in a combination without drying, too?
Yes, controls are fully flexible. You can wash only, dry only, or wash and dry in any combination.

## WHEN YOU BUY LAUNDRY EQUIPMENT LOOK FOR THESE FEATURES

IN WASHERS
Dispensers that automatically add
various laundry supplies to wash and rinse cycles, each properly timed and mixed with water for maximum effectiveness and fabric safety. You'll find dispensers for detergents, bleaches, water conditioners, fabric softeners, bluing, starch, and even dye.
Automatic soak or prewash cycles that loosen heavy soil and make the regular wash cycle more effective.
Lint filters that strain fuzz and lint out of wash and rinse water. Some double as dispensers for detergent and dry bleach.
Safety switches that stop spinning action when the lid is opened. Some also halt agitation.
Cold-water washing for laundering special fabrics or freshening very lightly soiled articles.
Drip-dry cycles that end with no final spin, for wash-and-wear items labeled "drip-dry only."
Special cool-down wash cycles and slower spins that minimize wrinkling in easy-care fabrics.
Programed settings that automatically set up proper washing conditions for a given fabric load at the push of one button.
Metered fill systems that assure adequate amounts of water, regardless of variations in water pressure.

Special control settings and many kinds of cycles that provide correct washing and rinsing temperatures, wash and spin speeds, timing, and amounts of water for any size load or type of fabric. With flexibility of controls you can select your own laundering conditions or do it automatically at the push of a button or turn of a dial.
A laundry scale in the door of a tumble-type washer that indicates amounts of water and detergent needed.
Bigger capacity-up to 12 pounds in some models.
Built-in washing guides and instructions, located on control panels or underneath lids, that indicate the proper control settings and procedures according to fabric or type of load.
Clothes guards that keep small items like socks and handkerchiefs from tangling or floating away.
Overflow and spray rinses to remove light soil and lint and prevent loosened soil from settling back into clothes.
Sediment-removal systems that flush away heavier soil particles. Overload protectors that stop the machine in case of oversudsing or overloading, to prevent motor damage.
Water-level controls that make it
possible to wash only a few items by providing a partially full tub of water.
Soak washing cycles for safe automatic laundering of blankets and other washable woolens.
Flush-to-wall installation provisions with concealed water and drain connections.
Suds-saving systems that return sudsy water for a second load where water supplies are limited. Leveling feet that compensate for floor irregularities and eliminate vibration.
Portable washers, mounted on casters, with special water and drain connections, for use where permanent installation isn't possible. Off-balance load switches that prevent damage from vibration by stopping the machine until you redistribute the load and push a button to resume spinning.

## IN DRYERS

Many of these features are available in either gas or electric models.
Automatic controls that assure proper drying temperatures for any fabric or kind of load at the touch of a button or turn of a dial. Automatic sprinklers that make it quick, neat, and easy to dampen clothes for ironing
(continued)
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Dept. MC-21, Pella, Iowa
Please send free literature on PELLA WOOD
FOLDING DOORS.

## NAME

ADDRESS
cirr a zone

## REVERE WARE

COPPER CORE STAINLESS STEEL


You'll never want any other : : : once you've seen this stunning new Revere Ware. A revelation in styling-smart, contemporary. A revolution in cooking. Mirror-bright stainless steel with an unseen core of copper that spreads heat fast, evenly across the bottom and up the sides. A wonderful gift. A jewel for your new kitchen. At your favorite store now. By the makers of world-famous copper-bottom Revere Ware-Revere Copper and Brass Incorporated, Rome, N. Y.
(continued)
or to refresh wrinkled wash-andwear garments without ironing.
"Air only" settings for fluffing or dusting (pillows, etc.) in the dryer without heat.
Automatic timing devices that cut off heat and tumbling: some sense temperature changes automatically; some measure moisture electronically; others offer a choice of time in minutes.
Anti-wrinkle wash-and-wear cycles that end with tumbling in cool air to prevent heat-set wrinkles.
Big-family capacity-as much as 12 pounds in some.
No-vent models that can be installed where outside ventilation isn't possible.
No-tumble settings for woolen knits and other washables that shouldn't be tumbled.
Safety devices such as a switch that stops tumbling and turns off heat when the door is opened, and door latches that release easily from the inside.
Safety thermostats that cut off dryer heat if temperature gets too high.
Automatic ignition systems on gas models.
Foot-pedal door releases, helpful when hands are full.
Lint screens that are easy to remove for cleaning, and also easy to replace properly.
Germicidal lamps that sanitize clothes as they dry. May be ozone or ultraviolet.
Convertible electric dryers that may be used on 240 - or 120 -volt circuits. However, drying is slower on 120 volts.
Air fresheners that inject a fresh clean scent into dried clothes.
Automatic interior lights that turn on as the door is opened.
Damp-dry cycles for articles to be ironed immediately.
Flush-to-wall installations with a choice of venting connections to suit various room arrangements. End-of-cycle signals that remind you to remove dry clothes before they pick up unnecessary wrinkles. Time-and-temperature guides for easy reference.

## IN COMBINATION <br> WASHER-DRYERS

Most of the features listed above for washers and dryers are also available in gas or electric combinations.

THE END

## GARDEN-CLUB EXHIBIT

I spade and hoe and fertilize;
I trim and prune and pluck.
The comment when I win first prize? "Some folks have all the luck." Beverly Lehman


## HEATILATOR ${ }^{\circ}$ FIREPLACE <br> guaranteed* for $\mathbf{2 0}$ years.

Scientific design assures smokefree - trouble-free operation. Circulates heat. Ideal for camps, basement rooms. At your building material dealer.
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## so you are on diét

No doubt you have been bombarded lately with a lot of talk about the newest in reducing fads-the 900-calorie liquid diet. Most physicians and nutritionists take a dim view of these crash programs. Don't take them on unless you have your doctor's approval! The best way to reduce-and stay reduced - is to eat less. Cut down on food but don't cut it out. And there are tricks to the game, too. By avoiding the highcaloried extras and making the reducing menus more interesting you can work wonders. For example:
Sallees. Love Italian spaghetti? Enriched spaghetti is a thoroughly nutritious food containing only 72 calories. It's when you add the rich sauce that the calorie count skyrockets. Try using canned tomato sauce (only 87 calories) as your base, then season with onion, garlic, and spices. Just remember, avoid the fats! A good substitute for hollandaise sauce ( 87 calories per tablespoon) is to take a low-caloried, mayonnaise-type dressing, add lemon juice, seasonings, and heat. Only 25 calories per tablespoon!
Desserts: Have your cake and eat it too! A twoDESSEITS: inch piece of angel cake contains 110
calories. Sponge cake has 115 . Compare with chocolate cake with fudge icing which has a whopping 420 ! For dessert toppings, try beaten egg whites or one of the new low-calorie dessert-topping mixes.
Menu tips: : Below is a complete meal built around page 54). With a little adjusting you can lop off 551 calories per serving in one meal!

| WEIGHT-WATCHERS | ( $\begin{gathered}\text { Col. } \\ \text { Per } \\ \text { Serving }\end{gathered}$ | MENU | $\begin{aligned} & \text { Col. } \\ & \text { Per } \\ & \text { Serving } \end{aligned}$ | NON-WATCHERS |
| :---: | :---: | :---: | :---: | :---: |
| You're going to save calories by not indulging in the sauce. | 456 | TROUT PARMESAN | 596 | Consider yourself fortunate; enjoy sauce on your trout. |
| Restrain yourself and eat 4 pieces instead of the usual serving of 8 . | 78 | FRENCH FRIES | 157 | You can have a full portion (generally 8 pieces). |
| Spoon out the croutons. Plain stewed tomatoes are most compatible with fish. | 46 | STEWED TOMATOES WITH CROUTONS | 110 | Stewed tomatoes with croutons are a natural with fish. |
| Vinaigrette is tasty and slimming. | 35 | COLE SLAW | 85 | Dress your slaw with mayonnaise. |
| There's nothing so refreshing as a sherbet after a good dinner and only 118 calories' worth. Omit sauce. | 118 | LEMON SHERBET TOPPED WITH CHOCOLATE SAUCE | 261 | Topping lemon sherbet with chocolate sauce is extra special. |
| Serve with sugar substitute and skim milk. | 5 | COFFEE TEA | 80 | Serve with sugar and coffee cream. |
|  | 738 | Total Calories | 1289 |  |



## Read on next page why new improved ELECTRASOL IS NOW BEST for electric dishwashers!



A deer comes to dine at sunny Hurricane Ridge - only minutes trom a busy city!
Surprises, contrasts, zestful fun! ...that's Washington State, the variety vacationland where everything's only hours apart. We can't begin to describe all the natural and man-made wonders to see, the variety of things to do. It's all in our new, free 1961 travel packet, however-a full-color 36-page book, special folders, illustrated map... yours in exchange for the coupon!
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Name . .

## Address <br> Address

City


If you have a question for this column, please address FHA Commissioner, \% THE AMERICAN HOME 300 Park Avenue, New York 22, New York

When we bought our home last year, we obtained an FHA-insured loan of $\$ 15,000$, to be repaid in 30 years. I have recently had a promotion and would like to pay off the loan in less than the 30 years specified in the mortgage. Can this be done?
You can pay off your insured mortgage in full at any time; and FHA encourages homeowners to make extra mortgage payments so that they can own their homes free and clear as soon as possible and save interest charges.

Your mortgage contains this provision: "Privilege is reserved to pay the debt in whole, or in an amount equal to one or more monthly payments on the principal that are next due on the note, on the first day of any month prior to maturity, provided, however, that written notice of an intention to exercise such privilege is given at least 30 days prior to prepayment."

You can make extra payments of principal that amount in any one year to as much as 15 per cent of the original loan amount (in your case, up to $\$ 2,250$ in addition to your regular payments for the year), without incurring a prepayment charge. If your extra payments do exceed 15 per cent in any one year, FHA usually makes a prepayment charge that can be as much as one per cent of the original loan principal.

Talk to your lender about this when you decide to make an extra payment of principal, and be sure to give him 30 days written notice of your intention to make such a payment.

The home I want to buy has a cistern in front and a cesspool in the back yard. I have been told the FHA will not accept such a property for mortgage insurance. Is this true?
FHA has no hard and fast rule against cisterns and cesspools. There may be circumstances in which the water supply and sewage disposal cannot be handled in any other way. FHA does insist that there be a continuing safe source of sufficient water throughout the year, and a safe and adequate sewerage system.

To find out definitely whether the property you have in mind would qualify for FHA mortgage insurance, you should apply through an FHA-approved lender for an FHA commitment. An FHA appraiser will inspect the property and, if it meets FHA standards, the insuring office will issue a commitment to insure a mortgage in a specified amount.

# Thanks to a radically-changed ELECTRASOL… even in hardest water NOW YOU CAN SEE THE DIFF 



## No film! No streaks! No spots! 3,187 tests in all makes of dishwashers proved it!



Does FHA have special terms for servicemen's homes? Yes. There is a special provision of law for FHA insurance of mortgages to finance the building or buying of homes by men and women on active service with the Armed Forces (including the Coast Guard).
Chief advantages to a serviceman are: (1) for homes in most price categories, his down payment can be lower than under the regular FHA mortgage insurance system; (2) the Department of Defense (or the Treasury Department, for members of the Coast Guard) will pay the FHA mortgage insurance premium of $1 / 2$ of one per cent annually while the serviceman is on active duty.
The mortgage can be in an amount up to $\$ 20,000$. Within this limitation, it can represent up to 95 per cent of the FHA-appraised value of the property, or can be computed at not more than 97 per cent of $\$ 13,500$ of value plus 10 per cent of the next $\$ 4,500$ of value plus 30 per cent of value over $\$ 18,000$.
A serviceman who wishes to apply for this kind of financing should obtain a certificate of eligibility (Form DD-802) from his commanding officer, to the effect that he is on active duty and has been on active duty for more than two years, and that he needs housing. Then he can take the certificate and apply for an FHA-insured mortgage to any lending institution approved by FHA to make such loans. The mortgages are repayable in monthly installments over terms as long as 30 years.

I have heard of people getting checks from the FHA when they paid off their mortgages. Is this true and, if so, what are the checks for?
About three of every four homeowners who pay their FHA-insured mortgages in full receive payments from FHA called "distributive shares."

Most FHA-insured mortgages are insured under the Mutual Mortgage Insurance System, a mutual fund. The homeowner pays an insurance premium to FHA, which is included in his monthly mortgage payment. If the total premiums that he pays amount to more than their proportionate share of FHA expenses and insurance reserves, the difference is returned to the homeowner after his mortgage has been paid in full. Up to now, FHA has paid more than $\$ 100$ million in distributive shares to some 900,000 homeowners.

The longer a mortgage is in force, the more likely it is that the homeowner will receive a payment from FHA when the mortgage is finally liquidated, and the larger the payment is likely to be. This is because premiums paid in the early years of the mortgage do not cover FHA expenses, but after five or six years the balance begins to be in the homeowner's favor.

## Where can I get FHA-approved house plans?

FHA itself does not design homes and has no plans to distribute. FHA will accept as security for an insured mortgage any home that complies with its minimum standards of design, construction, and location. Acceptance is not limited to particular styles or methods of construction. Plans for homes to be financed with FHA-insured mortgages can be obtained from any of the usual sources-architects, builders, house plan
services, etc. services, etc.


> Give at the sign of the
> Ringing Bell


## "As a teacher I find my girls want information about themselves."

" 1 's surprising how many misconceptions can arise about the whole area of becoming a woman. Many girls, too, have revealed they don't know enough about anatomy to understand the principles of internal sanitary protection. They fear it won't remain in place (of course it will!); that it might be harmful (pure surgical cotton can't be harmful); but they still are anxious to know about it and use it.".

Tampax is the world's largest maker of internal sanitary protection, and has provided much educational material over the past twenty-five years to help girls understand themselves. Tampax holds that the decision to use the product is a very personal one and that a girl will come to it in her own good time. The Tampax advantages of modesty, invisibility, lack of odor and chafing, easy disposal, personal freedom are well known. And Tampax makes ceaseless experiments and improvements to make sure that anything worthwhile in this field will come to you from Tampax-first. Tampax Incorporated, Palmer, Massachusetts.

# Which Lawn Is Yours? 

(continued from page 32 )
The nitrogen-supplying materials in lawn fertilizers fall into three general classes-fast, medium, and slow-depending on how long it takes the soil organisms to change them into a chemical form the grass can use. To understand the basic principles of lawn feeding, you need to know something about these sources of nitrogen.

FAST-ACTING nitrogen materials include ammonium sulfate, ammonium nitrate, ammonium phosphate, and urea. They usually contain 20 per cent or more of actual nitrogen, produce results in a week to ten days, and remain active two weeks to a month. They must be applied carefully in small evenly distributed quantities and watered in immediately to avoid burning grass that's in growth.

The advantages of these fast nitrogen materials are their speed of action, their relatively low cost, and their ability to green up a lawn early in spring and keep it green late in fall. Their disadvantages are that they must be used frequently (every two to four weeks) and with great care, and that they're quickly washed out by heavy rain or excessive watering.

MEDIUM-SPEED nitrogen sources include the various organic materials, such as animal manures, processed sewage sludge, seed meals (soybean, cottonseed, linseed, etc.), tankage, dried blood, and other agricultural by-products. They become effective much more slowly than the fast-acting kinds and last much longer, and they do not injure grass when used in normal quantities.

Their advantages are that they can be used less frequently than fast kinds (say three times a season instead of six or eight) and with less precision. Another good feature is that their water-absorbing quality reduces the danger of burning by fast-acting materials when used in mixed fertilizers.

The chief disadvantage of these organic materials is that their nitrogen content is much lower than that of the fast materials (lower than 10 per cent) and that the cost of the nitrogen you get is considerably higher. This is somewhat offset, however, by the presence in medium-speed materials of many minor nutrients, which means that on poor soils their effect is usually better than would be expected from their nitrogen, phosphate, and potash content alone.

SLOW-ACTING nitrogen materials include the recently introduced urea-form (or urea-formaldehyde) compounds. Their nitrogen content is high-about 38 per centbut only a small part of this is fastacting and the balance is released very slowly over a long period.

Urea-form materials can be applied at relatively high rates without danger of burning and therefore need be used only twice a season to provide an adequate supply of nitrogen. Their comparatively high initial cost is thus offset by their safety and ease of use.

What's in fertilizers. The label on the bag always tells you how much nitrogen, phosphate, and potash the fertilizer contains. Usually this information is shown by a series of three numbers, such as $10-5-5$ or $8-6-4$, which indicates the percentages of nitrogen, phosphate, and potash, always in that order. Then in smaller type the analysis tells you from what ma-

## Minimum feeding program for a GOOD lawn

A good lawn needs at least 5 pounds of actual nitrogen per 1000 square feet per year. To supply this, use 50 pounds of high-grade 10-5-5 or 10-6-4 lawn fertilizer. Your easiest and best way to apply it is as follows:

## In the North

Mid-March- 33 lb . per $1000 \mathrm{sq} . \mathrm{ft}$. Early Sept. -17 lb . per 1000 sq. ft.

## In the South

Mid-March- 33 lb . per 1000 sq. ft. Mid-July- 17 lb . per 1000 sq. ft .
terials these nutrients are derived.
Thus for a 10-5-5 fertilizer the analysis will probably tell you that the 10 per cent nitrogen is derived from several of the previously mentioned nitrogen sources, the 5 per cent phosphate from superphosphate, and the 5 per cent potash from muriate of potash.

What grass needs. First let's get phosphate and potash out of the way. If you do not know whether or not your soil is deficient in these nutrients, play safe and use a minimum of 2 to 5 pounds of each per 1000 square feet per year. If you want to be certain, buy a soil-testing kit or have your soil tested either by your state agricultural college or by your county agricultural agent at the county seat.

If you buy a $10-5-5$ fertilizer you'll know that 100 pounds of it contain 5 pounds of phosphate and 5 pounds of potash. Fifty pounds will contain $21 / 2$ pounds of each. Either of these amounts therefore would be a satisfactory application of phosphate and potash for 1000 square feet of lawn.

But 100 pounds of $10-5-5$ fertilizer also contain 10 pounds of nitrogen, and 50 pounds contain 5 pounds. And, if all the nitrogen in the fertilizer happens to be fastacting, either of these amounts would represent a much too heavy application. They would burn your lawn. So you'd have to split the quantity up into smaller amounts and apply them at well-spaced intervals over the season.

Now you can see why the use of nitrogen is the master key to effective lawn feeding.
how to use nitrogen. Fast-acting nitrogen should not be applied at a rate much heavier than 1 pound per 1000 square feet at one time. Even if thoroughly watered in to avoid burning, an excessive application would result in too-lush, disease-susceptible turf.

Hence if your 10-5-5 fertilizer contained only fast nitrogen, 50 pounds would have to be split into four or five applications and 100 pounds into at least eight. But turfgrass fertilizers are not usually limited to fast nitrogen, and so it's unlikely you need worry about so many applications!

The greater the proportion of slow-acting nitrogen in a mixed fertilizer, the greater the amount that can be used safely at one time, and the less frequently it need be applied.

A good basic feeding rate for Northern grasses-the minimum annual quota for a good lawn-is 4 to 5 pounds of actual nitrogen per 1000 square feet per year. But for Merion Kentucky bluegrass and for the better Southern grasses, 6 , 8 , or even 10 pounds a year is generally advisable.

APPLICATION RATES. If all the nitrogen in a fertilizer is slow-acting, the whole quota can safely be applied at once, although it's actually better to use it in two applications. But if part of the nitrogen is slow-acting and part is fast-acting, you have to do a little figuring to know in what quantities and how often the fertilizer should be applied to the lawn.

For instance, if the label on your 10-5-5 fertilizer shows that the 10 per cent nitrogen is made up of 5 per cent from urea-form, 3 per
(continued)

## START GARDEN PLANTS INDOORS THIS EASY WAY-ONLY 49!



## PUNH'N ORO-remarkable

 plant starter kit gives you a "windowsill greenhouse". . . lets you grow vigorous flower and vegetable transplants for pennies, instead of dollars!Colorful plastic planter comes already planted with selected Northrup King Seeds.


ONLY PUNCH 'N GRO HAS THIS PATENTED TOP! Cones hold seeds in place for best spacing, planting depth. No bunching or burying! Just punch with a pencil, water-and watch 'em grow.
head start for petunias, asters, carnations. Flowers that need a long growing season can be started indoors, early, on your windowsill. Transplant when weather warms. No buying costly plants!

hYbrid tomato plants . . . PEPPER, ParsLEY PLants . . . pansy plants, too . . . are yours in thrifty abundance when you grow your own, the Punch 'n Gro way. Each kit provides spaced plants . . . easy to transplant.

FLOWERS BLOOM INDOORS, TOO! Starred* varieties in list recommended for indoor growing. Fun for school, scouting projects. Great gift for shut-ins.

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21 favorites now available in Punch ' n Gro-in stores everywhere (and here are a few of the most-wanted varieties)

Aster-Powder Puff Mixed Coleus-Rainbow Mixed* Delphinium-Pacific Giants Mixed
Marigold-Lemondrop*
Pansy-Swiss Giants Mixed Indoor Peppermint Pinks*(Wee Willie, Sweet Wil liam)
Petunia-Snowball, $\mathrm{F}_{1} \mathrm{Hy}$ brid Multiflora White
*does not have to be transplanted

Petunia-Cleopatra $\mathrm{F}_{1} \mathrm{Hy}-$ brid
Salvia-Bonfire
Snopdragon-Panorama $\quad \mathrm{F}_{2}$ Hybrid Mixed
Zinnia-California Giants Mixed
Pepper-California Wonder Tomato-Rutgers
Tomato-Hybrid State Fair


Put a new top on old counters with


Weldwood Contact Cement


Bonds instantly, no clamping, holds fast

Cheer up your kitchen-put down a new countertop with Weldwood ${ }^{\circledR}$ Contact Cement. Also an easy way to put up wood paneling without nails, or patch torn rainwear-permanently. And now you can take your pick of Weldwood Contact Cement in handy new tubes with spreader tops, bottles with brush applicators, and in pints, quarts or gallons for larger projects. From 29\%.

## WELDWOOD

ADHESIVES
Products of United States Plywood
(continued)
cent from sewage sludge, and 2 per cent from ammonium sulfate, and if you plan to use 10 pounds of nitrogen per 1000 square feet per year, you only need think of the ammonium sulfate (fast-acting) when figuring the application rate. The 2 per cent means 2 pounds per 100 pounds of fertilizer, and so to apply 1 pound at a time you should split the 100 pounds into two 50 pound applications.

If the fast-acting nitrogen totaled 4 per cent, you'd have to split the 100 pounds into four 25pound applications. But if you planned to use only 5 pounds of nitrogen per 1000 square feet per year, you could cut the number of applications in half-though to not less than two applications a season.

WHEN TO FEED. Northern grasses (bluegrass, fescue, bent) start growing fairly early in spring, slow down in midsummer, become active again in late summer and early fall, and go dormant in late fall. Southern grasses (Bermuda, St. Augustine, zoysia) start in spring, are most active in summer, slow down in fall, and are dormant or nearly dormant in winter.

Hence the Northern kinds need most nitrogen in spring and fall, and the Southern kinds need most in summer. Both kinds, however, require a constant supply as long as they're in growth.

Therefore, to have the nutrients in the soil and ready for the grasses when they need them, the time to start your lawn-feeding program is right now.

The easiest-to-use lawn fertilizer, as you've probably guessed, is one in which most of the nitrogen is supplied by slow- and medium-speed materials and only a small percentage by fast-acting materials.

With such a fertilizer, if you live in the North, your best plan is to apply one-third of the total quota in March, one-third in late May or early June, and one-third in early September. In the South, use one-third in late February or early March, one-third in late May, and one-third in mid-July.

If you want to make only two applications, in the North use twothirds in March and one-third in late August; in the South, twothirds in March and one-third in mid-July.

If the proportion of fast nitrogen in the fertilizer necessitates splitting the quota into four applications, in the North apply onefourth in March, one-fourth in late April, one-fourth in early

with
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THE \& Chan
FLOOR FINISH
For lustrous, long-lasting beauty, choose FABULON, "twin" of a famous bowling-lane finish. Hard, tough, durable. Makes any wood floor easy to clean; no waxing, no hard scrubbing.


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instruction manual, "HOW TO FINISH, WOOD FLOORS, OID OR NEW."

PIERCE \& STEVENS CHEMICAL CORP 710 OHIO STREET. BUFFALO 3. N. Y

Soluble fertilizers contain only because of their necessarily, and quent use they're too much trouble
less drying weather may not need
you need to find the setting on your spreader that applies $21 / 2$ trial-run on your 100-square-foot of fertilizer, With a spreaderful to collect up the application shovel a container and kitcheations, and weigh them, you'll find scale to much easier than you find the job
Keep the trial-run may think. manently marked off. area percheck the spreader off. Use it to year (whether they're yettings every the manufacturer's) just your own or it hasn't gone out of adjustment and is either under-or over-feeding your lawn.
And use your spreader carefully. Most important, avoid both overlapping, which may cause result in light skipping, which may
a properil IILIZERS. If you have irrigation installed, permanent your lawn by frequent use feed uble fertilizer which can be of solthrough the system with an accurate proportioner.
The directions for both the fertilizer and the proportioner will tell you how to feed a lawn this way, and the only point is to follow them carefully. to apply with a hose-attachment hand proportioner.

Watering. For a lawn to stay green there has to be moisture in the upper $6^{\prime \prime}$ of soil at all times, Leaf stantly supplied wave to be consoil nutrients are available to roots only when in solution. During periods of drought, therefore, water-
How is necessary.
in hot July wed it down the kind of grass, the depends on heaviness of the soil, the tems or ature, humidity, wind, shade, tree roots, and so on. Therefore, until from can judge fairly accurately from experience, the best way to
tell when soil needs water dig into it and find watering is to

In dry weather, out.
pler or narrow trowel a soil samof days to see what the sory couple a few inches below the surf is like. If it's dryish to the touch, it needs watering; if it feels moist or dampish, it doesn't.
Light soil in hot, dry, breezy weather may need watering every
three or four days three or four days. Heavy soil in watering for two weeks or more. In any case, water it when it needs.
it, but don't doesn't need it. If you it when it you may also waste fertilize water

MOWINg. You can feed your lawn but if you don't water it correctly, you can still have a it correctly lawn. If you've ever let it grow-green $4^{\prime \prime}$ or $5^{\prime \prime}$ and then whacked it down know what hot July weather, you

In full sun it's best to mow most lawns at $11 / 2^{\prime \prime}$ or $2^{\prime \prime}$; in light to medium shade, at $2^{\prime \prime}$ or $212^{\prime \prime}$. And any lawn, in sun or shade, must be mowed
ing fast
soon as its height, mow grass as third over the height increases onemower is set. That is, if the setting the is at $1 \frac{1}{2 \prime \prime}$, mow as soon as the grass is $2^{\prime \prime}$ high; if the setting is $2^{\prime \prime}$, mow when the grass is $23_{3}^{\prime \prime}$; if the grass is is $311^{\prime \prime} 1^{\prime \prime}$, mow when the
When grass is growing fast, this may mean mowing twice a week or growing sour or five days. When it's week or ten days.

It also means that the shorter you want your grass, the more treme, in have to mow it. The exfound in a puttin're interested, is at $1 / 4$ " every day! green, mowed As regards clippin to remove them thans, it's better remain. But clipping removal, like most other phases of lawn maintenance, is of minor importance compared with feeding, watering, and mowing! THE END,

NO RSVP FOR ME
When people come to visit me And promptly when they're due, Although I'm all prepared for them
The thrown into a stew;
The house is cleaned up spick-andspan,
Provisions are on deck;
I'm still can't take it in mu stride-
I'm practically a wreck.
But let them drop in unannounced And though I'm deep in grime, I welcome them with open arms
And have a high old And have a high old time. New Go-Farther Formula $G O T L D G N$


Men who know lawn feeding know Golden Vigoro is your best buy. It feeds a full $121 / 2$ sq. Vit. or only a penny ( 5,000 sq. Ft pis per bag than many lawn foods selling for much more. More important, it gives your grass Vigoro's famous completely grass with every nutrient except sun, air and water. As added benefit, it's foolproof to use. Never rate. It's packed in th applied at the full-season pours like a pitcher, No wial spreader nended, At garden stores, supermarkets, hardware plies are sold. stores-wherever garden sup-
My, how things grow with VIG...VIG



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There's no safer place than your very own yard . . . when it's surrounded by the good-looking, lasting security of a genuine Anchor Fence. Protects your youngsters and pets against traffic and other hazards, your property against trespassers. And famous Anchor Fence quality is now available in all-aluminum or steel . . . square posts and square gates with standard or new Modernmesh, woven 4 times closer. For free estimate, call your local Anchor office.

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## Intruder-proof Red Robin is beautiful... permanent ... fast-growing ... low-cost

color landscapes your outdoor living ...surrounds your home with

beauty and protection!

The fabulous Gloire Des Rosomanes was developed in 1825 for the Empress Josephine, wife of Napoleon, by the great French hybridizer, Vibert. Today, more than a century later, as the Red Robin Rose, grown exclusively by the Ginden Nursery of San Bruno, California, it has become America's most exciting and popular landscape treatment and home fencing.
There is no other rose known and proven today that can give your home the fencing beauty and protection of the Red Robin. It grows straight, upright, stays compact, needs absolutely no support. In a few short months after planting it is covered with fragrant, richly-red roses. And it remains in bloom month after month. Today, Red Robin is a time-tested, RED ROSE Living Fence, thriving in all climates. Today, from coast to coast it is beautifying, giving privacy, and increasing the value of thousands upon thousands of homes. And Red Robin grows and blooms in even poor soils.

## fence your property with Red Robin

Your home and garden will enjoy the privacy of a country estateeven on a modest city or suburban lot! This living wall of lush green foliage is covered with richly scented red roses, month after month. In some areas it never stops blooming! Just place my husky, sturdy, strongly rooted, Red Robin plants in the ground this spring . . . this summer your own Red Robin Living Fence will be in full bloom. Folks tell me they've picked up to a thousand fragrant red roses from a single few feet of Red Robin Living Fence.
Each year I get hundreds of letters from happy Red Robin owners like Mrs. Mary La Rose of Ogdenburg, New York, who says: "They are almost 5 feet tall now and everyone in Ogdenburg talks about and admires the plants. Thank you very much for such a wonderful idea of a fence."

## scores of landscape uses

Right now, this spring, plant Red Robin roses about 18 inches apart. Then, let your Red Robin Living Fence grow to any height you likeup to six or seven feet. You may have a neat three or four foot hedge. You may prefer a higher hedge of 5 feet to keep children and pets in and strangers out. Or you can enjoy a full six foot living wall of green foliage and red roses. Red Robin requires little trimming, is hardy and disease-resistant. It grows and thrives in even poor soils, in desert sun and severe winter climates.
Mrs. Ronald Morris of Bucyrus, Ohio, writes, "Our roses are doing nicely. It has been a pleasure doing business with you." With a four to six foot Living Fence of Red Robin roses, you'll enjoy privacy, permanent landscape beauty and security against unwelcome noise and intruders . . . yet it saves you up to $85 \%$ of your hard-earned fencing dollars! Red Robin is providing beautiful protection to homes in every state in the Union. It requires no special care or attention.


## Red Robin grows to 4 feet high in just a few short months!

This fence was planted in Janu- And here's the same Red Robin ary. I took this picture of my fence just 9 months later... in wife in July. It's already covered April. See how Red Robin with fragrant red blooms just a thrives, growing higher and lovefew months later.
lier, month by month!


MY OWN PERSONAL DOUBLE GUARANTEE First-I'm certain that when your Red Robin plants arrive you'll be completely satisfied . . . but if for any reason you are dissatisfied, return them at once and I will gladly return your money in full.
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left is Ben Ginden with a typical Red Robin Living Fence.

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195.00


## How do you expand when you've run out of land?

## "Our only choice was to go up-or move...

$\mathrm{A}^{\mathrm{n}}$nd since we couldn't find a house to fit our needs,' says Hill Blackett, Jr., "our only alternative was to remodel the house we had.'
The Blacketts-Hill, his wife Nancy, and their three children-had a familiar problem. Their home in Winnetka, Illinois, was built to the full width of their lot. And, like so many other families, they needed more room. Their solution: an addition over the garage and kitchen, designed so skillfully you'd think it was part of the original house. Included is a large workshop (for Mr. Blackett's wood-carving hobby), a bedroom, and bath. Architect James C. Schnur even planned a convenient new stairway to allow easy access to the addition from the utility room-a big help to Mr. Blackett when he brings in large pieces of lumber for his hobby.

If your family needs more space-and the only direction you can go is up-you could adapt the Blacketts plan to your own requirements. With a few changes, the entire new area could become a master bedroom suite, two bedrooms for children or guests, or an upstairs living area for the whole family.

Here, the workshop floor was laid over triple joists to support several heavy power tools. Ordinary construction would, of course, have been less costly. Walls, ceiling, and floor were all insulated before the surfacing materials were laid in place, and $15 / 8^{\prime \prime}$ tongue-andgroove flooring was used.

Rather than go to the expense of installing a new heating system, the Blacketts installed a space heater in the workroom wall.


Old and new blend beautifully. Hardly anyone seeing the house for the first time would realize it had been remodeled. Natural cedar siding blends perfectly with the original siding; and the shingles are an excellent match. The original one-and-a-half-story house had three bedrooms and bath on second floor; two-car garage was one story high.

Hard at work on his wood carving, Mr. Blackett is surrounded by examples of his hobby-the large workbench as well as the unusual wood carvings. Walls and ceiling are of random-width tongue-andgroove fir and larch (a soft wood which doesn't show tack marks).
Hanging fixtures are spotlights set inside $8^{\prime \prime}$ drain tile.


Awning-type windows provide plenty of light and air. Trap door in floor is used when heavy pieces of wood and metal are hoisted from the garage by block and tackle.


## Pruning <br> (continued from page 44)

## PRUNE THESE EARLY

Evergreens. All the needled or narrow-leaved evergreens may be pruned in early spring to improve their shape, to check or reduce their height or breadth, to induce denser growth, or to thin out their branches. These include pines, junipers, yews, and arborvitaes. You can also prune broad-leaved evergreens grown only for their foliage, such as Japanese holly, boxwood, and some kinds of privet, barberry, euonymus, and cotoneaster.

Summer flowering shrubs. Summer and fall flowering shrubs, which produce their flower buds after they start to grow, can be pruned in late winter or early spring to improve their shape or restrict their growth. These include hibiscus (both rose of Sharon and Southern types), hydrangea buddleia, hypericum, franklinia, stewartia, clethra, and oleander.

## PLAN AHEAD

On the next rainy day I will go through the house
Like a broom at the end of a missile;
I will tear through each closet and straighten each drawer
And vacuum the rugs till they bristle;
I will answer those letters I've put off for weeks
And clean up the desk-not to miss one;
I will hang curtains, bake pies, and relacquer brass-
On the next rainy day after this one!

Lyla Blake Ward

Garden roses. Bush-type roseshybrid teas, floribundas, grandifloras, miniatures-should be pruned early to remove winterdamaged growths, reshape the plants, and induce better flowering. These roses flower on new growths and so the major pruning should be done while they're still dormant.

Small trees. Young or recently planted trees, both fruits and ornamentals, should be pruned in early spring to help them develop into strong, well-shaped specimens. Maples, however, tend to "bleed" excessively if pruned too early and so should be left until later. Young flowering trees that have reached the blooming stage also should be left till later.


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Large trees. If your large trees need pruning, call your nearest qualified tree surgeon. He has the necessary know-how, equipment. and insurance.

## PRUNE THESE LATER

Spring flowering shrubs. Do not prune any spring flowering trees, shrubs, or vines at this time. Wait until after they've flowered. Their flower buds were formed last summer and fall and if you prune now you'll lose this year's flowers.

These include such trees as dogwoods, erabapples, cherries, and laburnums; the broad-leaved evergreens like rhododendrons, mountain laurels, and andromedas; and all the popular spring bloomers like forsythia, azalea, lilac, mockorange, spirea and wisteria.

It's best to prune all these kinds as soon as the flowers fade. This prevents them from setting seed and insures a maximum amount of bloom next year.
Climbing roses. Most climbing roses produce flowers on new shoots that emerge from old wood. So all canes or stems that have lived through the winter are precious! Trim off only the winter-killed parts now and wait until after they've flowered to do the major pruning. Then, if a plant has numerous canes, remove the old, thick, woody ones close to the ground.
The old-fashioned, extra-hardy, small-flowered climbers or ramblers, like 'Dorothy Perkins,' should be treated differently. The growths that flowered last year have had their day and should have been removed after flowering. Remove them now. But don't touch the young, green-barked stems that grew last year, for they're the ones that'll bloom this spring. This year, though, remove them after they've flowered.

## EQUIPMENT

A good hand pruner is needed for most garden pruning and will handle wood up to about $1 / 2^{\prime \prime}$ thick. For heavier wood, up to about $11 / 2^{\prime \prime}$ thick, you'll need a long-handled or lopping shear or a pruning saw. And for still heavier wood you'll have to use a saw. If your garden includes fruit and flowering trees and tall shrubs, a $12^{\prime}$ tree pruner with saw attached will be a first-rate investment. For trimming a hedge you will need a hedge shear or electric trimmer.

All pruning cuts more than about $1 / 4^{\prime \prime}$ across should be treated with tree-wound dressing, either brushed on or applied with an aerosol, as soon as possible after the cuts are made.

## PRUNING RHODODENDRONS



4
Don't touch the fat, easily identifiable flower buds (1) or you'll have no blooms. But if tips have only small grouth buds, you can remove central bud in spring to induce branching and denser growth. Remove faded flowers (2) to prevent seed-setting, but don't break off new shoots just below. When pruning a stem, cut it back to a leaf cluster (3). To rejuvenate straggly plant (4) cut back some of main stems to ground each year; prevent straggliness by regular pruning.

## HYDRANGEAS BLOOM ON NEW WOOD



## 3




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PRUNE ROSE BUSHES EARLY


Bush-type roses (hybrid teas, floribundas, grandifloras) flower on new wood; hence major pruning should be done early, before new growth starts. In the North, remove all weak, spindly stems and cut back main stems as far as necessary to remove winter-killed wood, as shown above. If stems have not suffered winter-killing, prune back to only about $18^{\prime \prime}$. In mild climates, you can prune to any desired height.

## HOW TO PRUNE LILACS



## Spring Combination Offer

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HOW TO HANDLE FORSYTHIA
TWO WAYS WITH WISTERIA


Forsythias bloom on second-year growths (1, right) which may be cut for forcing into flower indoors during winter. First-year growth (1, left) produces only leaves. Prune bushes every year after flowering. To reshape, remove only growths that have bloomed (2), leaving the unflowered first-year stems. Maintain vigor and natural form (3) by removing a few of oldest stems close to ground each year. Don't give bush a crew cut, or it'll make awkward, top-flowered growth (4).


Wisteria flower clusters develop from growths produced after previous year's flowering (1). To restrict vines, prune back new, green-stemmed growths (2) to three to five growth buds (in axils of leaves) soon after flowering, and repeat this type pruning several times until midAugust. This will keep vine any size or shape desired (3). But, if you prefer, you can do little or no pruning and allow vines to grow into massive cascades of bloom (4) on house, arbor, or other structure.




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Newly planted trees, both fruit and ornamental, need help to develop a framework of strong, well-spaced branches and an attractive over-all shape. If a tree has a lot of low branches (above, left) and you'd like it to form a high crown and a single trunk, prune it now as shown (right). Remove low branches and some higher ones; keep only healthy, widely spaced branches on different sides of tree (you'll have additional choices as tree grows), and select one as a leader. But if you'd like tree to stay small and take on compact, shrub-like form, keep most branches and prune them back to induce bushiness.

HOW TO PRUNE GRAPES


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Pages 24, 25: "American Treasury" fur-niture-Drexel. "Country Spice" carpetCabin Crafts. Courtesy of D. Kalfaian \& Son." Lanamar" Bokhara rug-Karastan. "Montrose" drapery and wing-chair fab-ric-Schumacher. Love-seat fabricScher Textiles. Curtain trimming-Consolidated. Red lamps-Lange and Williams. Desk lamp-Calpra Products. Portrait-Erich Herrmann. "Delft" blue paint-Pratt and Lambert.
Mail Order Accessories: Brass andirons (Williamsburg reproduction)-Craft House, Williamsburg, Va. Upright catCarl Forslund, 122 E. Fulton St., Grand Rapids, Mich. Bedwarmer-Sturbridge Yankee Workshop, 1 Brimfield Turnpike, Sturbridge, Mass. Horse brassesOld Guilford Forge, Guilford, Conn, "Royal Cauldron" bowl-Lennox Shop, Hewlett, N.Y. Falcon-Brentano's, 11 W. 47 St., New York 36, N.Y.
Pages 26, 27: "American Treasury" fur-niture-Drexel. Braided rug-Wool "O"
"Concord" wallpaper-Greeff, ClockGeneral Electric. Decorative bottlesBlenko Glass. Belgium table linenLeacock. Electric casserole-Corning Glassware. Decoys-Nelson's Folly. Milk glass-Westmoreland. Tole pailSoovia Janis.
Mail Order Accessories: "Blue Bow Bells" china, "Cobalt Blue" goblets, "Queen Anne" stainless steel, colored glass compotes, milk glass hanging lamp, pewterOld Guilford Forge, Guilford, Conn. Ironstone-Jenifer House, Great Barrington, Mass. Copper kettle-Cohasset Colonials, Cohasset, Mass.
Pages 28, 29: "American Treasury" fur-niture-Drexel. Braided rug-Wool "O".
"Montrose" wallpaper and matching fabric-Schumacher. Silverplated coffee service-International. Belgium table linen-Leacock.
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Page 30, Family Room: "American Treasury" furniture-Drexel. Braided rug-Wool "O". Fabric for settee-Schumacher. Wing-chair fabric-Continental Felt. "Bangalore" paisley drapery fab-ric- Schumacher. Lamps-Georgian Lighting Studios. Rooster sconcesPalladio Interiors. "Music" pictureErich Herrmann.
Mail Order Accessories: Coffee potRichard Camp, 306 E. 52 St., New York 22, N.Y. Apothecary jar-Jenifer House, Great Barrington, Mass.
Blue Bedroom, Page 31 (top): "American Treasury" furniture-Drexel. Braided rug-Wool "O". "Friendship" coverletNettle Creek Industries. "Tree Calico" wallpaper-Schumacher. "Semantha" dust ruffle and valance fabric-Greeff. Lamps and waste basket-Georgian Lighting Studios. Small pictures-Rudolf Lesch. Large picture-Erich Herrmann. Mail Order Accessories: Early American eagle-Brentano's, 11 W. 47 St., New York 36, N.Y.
Red Bedroom, Page 31 (bottom): "American Treasury" furniture-Drexel. "Lanamar" Bokhara rug-Karastan. Cover-let-Nettle Creek Industries. "Williamsburg Stripe"drapery fabric-Schumacher. Lamp-Georgian Lighting Studios. "Venetian Red" wallpaper-Schumacher. "Bartlett"" dust ruffle and pillow fabric-Greeff. Pictures-Rudolf Lesch. Mail Order Accessories: Jewelry Box (Williamsburg reproduction)-Craft House, Williamsburg, Va. Newspaper stand and footstool-Carl Forslund, 122 E. Fulton St., Grand Rapids, Mich. Crystal ball clock-Jenifer House, Great Barrington, Mass.


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# Home Owner's Repair and Inspection Guide <br> (continued from page 22) 

bASEMENT AND CRAWL SPACE: Inspect twice a year. Check for dampness, which can generally be eliminated by improved ventilation, covering exposed earth with polyethylene sheeting, or coating damp walls with cement plaster or commercial waterproofing. Remove trash and fire hazards from basements.

DOORS: Inspect twice a year. Check for sticking due to loose hinges. Tighten hinge screws. Check edges of exterior doors for wearing of paint. Where needed, add a third hinge to prevent warping. Inspect locks and latches for stiffness and lubricate, if required, with powdered graphite. Check alignment of strike plate and adjust if necessary.

## DRAINS AND PLUMBING-FIXTURE

TRAPS: Inspect quarterly for noise and partial clogging. Remove any obstruction in trap through clean-out plug, with piece of stiff wire or with a chemical drain cleaner.

ELECTRIC FIXTURES, SWITCHES,
AND OUTLETS: Inspect twice a year for positive mechanical and electrical action. Replace any parts that don't function perfectly.

FLUSH TANKS: Inspect three times a year. Check for smooth action of all moving parts inside tank. Replace worn ball valves and connecting linkage.

FUSE BOX: Inspect frequently. Keep an adequate supply of spare fuses on hand. Be sure to use fuses of proper capacity. Frequent blowing of fuses or cutting off in circuit breaker indicates overloaded electrical circuits.

HOT WATER HEATERS: Inspect twice a year. Drain sediment from bottom of tank. In areas where water contains much foreign matter, drain at frequent intervals. Check for leaks, corroded safety valves, and leaks in tank and adjoining pipes.

## $\square$ INTERIOR WALLS AND CEILINGS:

Inspect twice a year. Check for
cracks and peeling paint on ceilings under bathrooms and on walls around window and door frames.
$\square$ PIPES: Inspect twice a year. Check for sweating due to condensation and correct by applying insulation to cold-water lines. Look for leaky joints, improperly supported lines.
$\square$ SHUT-OFF VALVES: Inspect twice a year. Check for leaks at valve stem and tighten cap nut or repack if necessary. Check for ease of operation. Lubricatestiff valves with graphite.
$\square$ WATER FAUCETS: Inspect twice a year. Check for ease of operation. If handle must be turned hard to close, replace worn washer. If water leaks out around cap nut, replace packing.
$\square$ WINDOWS: Inspect twice a year for ease of operation, cracks in frame, corrosion on metal frames, worn sash cords, cracked glass. Lubricate stiff sashes with wax or paraffin. Clean and fill cracks in frame with white lead and paint. Remove rust from metal frames and prime with metal primer. Replace worn sash cords and broken or cracked glass.
$\square$ HEATING AND COOLING EQUIP-
MENT: Heating equipment should be checked over before the heating season begins by a competent serviceman. Check at frequent intervals for clogged filters on warm-air systems, dirty water in boilers, dirty and loose stove pipes connecting heater to chimney. Check inside of flue for heavy soot deposits and obstructions. Central air-conditioning equipment should be checked over in early spring by a serviceman. Filters will require cleaning or changing during the course of a year.

## $\square$ MISCELLANEOUS EQUIPMENT

AND APPLIANCES: Motor-driven equipment such as washing machines, refrigerators, freezers, exhaust fans, water pumps, sump pumps, as well as the motors on burners, blowers, and miscellaneous equipment should be cleaned at six-month intervals and oiled according to manufacturer's directions. Also check for worn belts, proper belt tension on beltdriven equipment. Keep ventilation holes on motors clean, and oil away from electric cords. Manually start sump pumps if they have not operated for some time.

THE END


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Ideas to Help You Add to the Pleasure of Good Living. Packed with decorating ideas (from front door to patio) for those planning new homes and those improving old ones. Includes storage, windows, racks, and bookcases. Send 25 c to The Stanley Works, Dept. AH, New Britain, Conn.

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Chiquita Banana's Cookbook. A colorful booklet of recipes for all kinds of banana treats. Includes breakfast ideas, banana shakes, salads, sandwiches, snacks, main dishes, and desserts. Free from United Fruit Company, Home Economics, Dept. AH, 30 St. James Ave., Boston 16, Mass.

How to Finish Wood Floors. A manual of modern methods and materials. Shows step by step directions for sanding, finishing, and waxing both old and new floors. Send 10e to Pierce and Stevens Chemical Corp. Dept. AH, 710 Ohio St., Buffalo 3, N.Y.

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## Good Housekeeping Hints. Over 150 hints on all phases of

 housekeeping-work savers, care of rugs, upholstery, flowers, plants, windows, tile, glassware, and silverware. Tips on cooking. Table of weights and measures. A booklet you should keep handy. Send 10c to Duraclean Company, Division AH 31, Deerfield, III.First Aid for Poisoning. A detailed report telling you which household substances are dangerous, how to recognize poisoning symptoms, and how to give emergency treatment. Send 25 c to The William-Frederick Press, Dept. AH, 391 East 149 St., New York $55, \mathrm{~N} . \mathrm{Y}$.

Subterranean Termites. Discusses their appearance and habits;
suggests methods for preventing termite attack during construction, also the control of them in existing buildings. Send 15 c for Cat. No. A 1.77:64, Supt. of Documents, Government Printing Office, Washington 25, D.C.

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Wood Decay in Houses. Gives the cause of damage, general safeguards, protection for wood close to the ground, for wood exposed to rain. Advises on the care of houses. Send 15 c for Home and Garden Bulletin No. 73, Supt. of Documents, Government Printing Office, Washington $25, ~ D . C$.

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What Everyone Should Know About The Constitution. Contains a six-page introduction on the background and key principles of the Constitution. This is followed by the complete text and the 22 amendments. Send 75c to Channing B. Bete Co., Inc., Dept. AH, Greenfield, Mass.

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## SHOPPING INFORMATION

A FISH STORY DELICIOUSLY TOLD
Page 46: Yellow fish-shaped dish-Seabon. SEWING CABINET
Page 50: Plywood-Douglas Fir Plywood.
TAKE A CAN OF PORK AND BEANS Pages 56, 57: Square green frying pan-Dru Ware. Small round black dish, salad servers, green serving dish, oval yellow and green dish, colored wool tassels-Phoenix Pan American Imports. Wooden-handled server-Seabon.

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Welcome to the Market Place! Merchandise, if not personalized, may be returned within seven days for a full refund. Most of the firms mentioned in the Market Place prefer not to handle G.O.D.'s. Unless otherwise stated, postage is included in price.

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## MARKET PLACE



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HANGING AROUND brass lantern in your hallway is the next best thing to bringing the sun indoors. With a hint of India in its latticed design, this shining brass cylinder lantern makes a lacy play of light and shadow through a parchment lining inside. Wired for electricity, it is $13^{\prime \prime}$ long and $6^{\prime \prime}$ in diameter $\$ 14.95$. 50 c post. Helen Gallagher 413-AH Fulton Street, Peoria, Ill

TAKE YOUR TIME-Chek Alarm on a shopping trip-it lets you know when the parking meter needs to be fed! With a built-in alarm buzzer, this clever timer can be set for two minutes or up to an hour for a cat nap, long-distance calls, the speech you're practicing. Choose St. Christopher motif or initial. On a key chain, \$3.98. Sunset House, 71 Sunset Bldg., Beverly Hills, Calif.

IT'S A SNAP-front casual that's a snap to slip into and very becoming in blue chambray. Well-made shirt dress has an easy skirt of unpressed pleats, with mother-of-pearl fasteners and adjustable red stretch belt. It boasts an action back, roll-up sleeves, pointed collar and pocket. Sizes 8 to 20. $\$ 13.95$. 50 c post. Old Pueblo Traders, 622-AHW South Country Club Road, Tucson, Ariz.

IN THE IVY LEAGUE, style takes the shape of "suits" in solid brass or copper, tailored to perfection for standard flower pots. Done in a hand-spun satin finish, they make handsome cover-ups for your greenery's feet of clay without the bothersome job of transplanting. To fit over a $4 \times 4^{\prime \prime}$ pot, $\$ 1.98 ; 5 \times 5^{\prime \prime}$ size, $\$ 2.98$. Conversation Crafts, Box $9763-\mathrm{AH}$, Bay Village 40, Ohio.

FOOD FOR THOUGHT and for the family make this offer a winner. For $\$ 2.99$ ( $25 \%$ off the usual subscription price) you get a year of Parents' Magazine, plus the Family Cookbook-over 500 recipes, and sections on meal planning, leftovers, cooking for children, etc. As good a friend every day as the magazine is every month! The Parents' Institute, Box 59X, Bergenfield, N.J


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brown in the frying pan is its mellow Early American finish. Whimsical skillet mirror is framed in pine, $8^{\prime \prime}$ wide and $12^{\prime \prime}$ long overall to hang in the kitchen. The only pancake it fixes is the make-up type, so it's handy for whipping up a new face when you're busy. With $51 / 4^{\prime \prime}$ glass, the tapered handle makes it a hand mirror too. $\$ 3.98$. Medford Prod., Box 39-AH, Bethpage, N.Y.

DIP IN the shape of a tiny hen is a persuasive salt-seller at any meal, especially for breakfast eggs or a chicken dinner! Individual salt dishes in a quaint old pattern are made of milk glass in Bristol blue or white, to give your table a pinch of flavor. Covering the situation on damp days, hen salt dips are $21 / 2^{\prime \prime}$ long. 2 for $\$ 2.25$. Old Guilford Forge, Dept. AH, Guilford, Conn.

IF you've got connections that small fingers can reach, get Safety Plug Locks to avoid a shocking situation. A plug is held in the outlet and can't be pulled out unless the lock is removed. Freezer or any appliance can't get unplugged by accident. Locks adjust for any size plug and are easy to install. 3 for $\$ 1.25 ; 6$ for $\$ 2$. Crescent House, Box 621-A, Plainview, N.Y.


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brook, N. Y.


# the <br> "nan Lime Alsum of READERS' HOMES with you some of the snapshots that come to us in the mail. We'd like to hear from you, too. Please include pictures. 

$6 S$ Our 1860 house had been remodeled in 1903 to add an open, one-story gingerbread porch. Our recent remodeling was more in the nature of a restorationa two-story portico being more in keeping with the architecture of this period house. The shutters for the front door had been up in the attic for 55 years! 99

Mr. Jesse L. Pollard Norwalk, Connecticut


66 The front of our house was dwarfed by a large, high, uncovered "porch." We gained individuality and usefulness by putting in a smaller stoop, a patio at ground level, yellow and white awnings, and a low planter. $\% 9$
Mrs. D. E. Kreitz, Raubsville, Pennsylvania


66 We recently purchased this log home in Oregon and for us it's been a dream come true. Even the setting is perfect-it's settled in among the tall trees, and the road leading to the honse crosses a stream by means of a rustic log bridge. The American Home Magazine is a must for getting ide on remodeling our kitchen and for planning the Early A merican decorating throughout the hosse,
Mr. and Mrs. Leonard E. Leach, Merlin, Oregon


66 Our house was the first split-level built here in Abbeville, and it caused quite a bit of comment. You may recognize it as one of your American Home Blueprint Houses. After seven years, it's still the perfect house, just right for our family of four. 9 S

$66_{\text {The gambrel roof and black shutters of our }}$ handsome traditional house give it colonial dign T've always felt a home should look as warm an attractive outside as it feels on the inside. 9 ,
Mrs. Adrian Kahn, Woodmere, New York




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