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April 1984

Illinois Rural Electric News





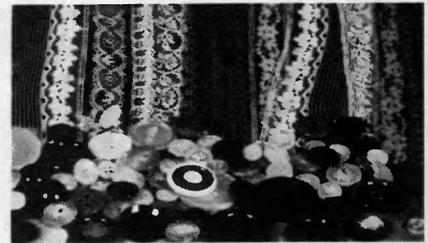
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Self-Sufficiency Act: an appropriate title

On page 6 of this month's issue is a report about approval of rural electrification legislation by the U.S. House of Representatives. By an overwhelming majority, the House passed on March 1 the Rural Electrification and Telephone Revolving Fund Self-Sufficiency Act. The bill is now in the Senate.

The article illustrates the broad, nonpartisan support for the legislation in Congress as compared to the long-time, mainly philosophical opposition of the White House.

You may have read in other publications accounts of the House action. In some of those articles, alarming, generalized terms such as "forgiveness" and "cost to the government" and "bailout" were used by Administration opponents of the bill. Facts help bring the matter into focus.

Rural electric distribution projects are financed primarily through loans from the REA Revolving Fund. The government-owned fund is a self-contained source of financing that replenishes itself through loan and interest repayments. Revolving Fund loans do not increase the federal budget and do not affect the federal deficit. The Self-Sufficiency Act would keep it that way, without any new federal programs.

The Act is a result of two years of hearings and study in Congress and across rural America. It has the backing of the nation's rural electric and telephone systems. Three former REA Administrators, spanning 25 years of expertise, have testified before Congress that the Self-Sufficiency Act is responsible, workable and necessary. The Act:

- Will set a flexible interest rate on REA loans to keep the Revolving Fund self-sufficient and self-sustaining. The Revolving Fund problem is simple — interest income is

not covering interest expense. The Self-Sufficiency Act solves that by requiring that interest rates be set high enough so that interest income covers interest expense.

- Will keep the assets in the REA Revolving Fund where they can continue to be used to meet the needs of the nation's rural electric systems.
- Will increase the income to the government-owned Revolving Fund as a result of the increase in interest rates on REA loans.
- Will reduce the need for the Treasury to go to the marketplace for new borrowing.
- Will not "forgive" any debts owed by any rural electric system, as charged by opponents. All rural electric cooperatives will still be required to repay all of the loans owed to the government, with interest.
- Will not "cost" the government \$20 billion as claimed by opponents. This is simply a propaganda figure manufactured out of circumstances totally unlikely to occur, namely, that interest rates will drop to 6 percent and that the Administrator of REA and the Secretary of the Treasury will agree to refinance all outstanding Treasury loans to REA and all loans guaranteed by the REA to rural electric borrowers. Every independent study confirms that the Self-Sufficiency Act mandates no new spending programs. The Act maintains the Revolving Fund in the simplest way possible, and creates no new lending programs.

As its title implies, the Self-Sufficiency Act will keep the lights on in rural America without any additional assistance from the taxpayers. It simply helps the cooperatives help themselves, and strengthens their ability to repay their debts and serve today's rural America.

April 1984 Volume 41 Number 12

Published by Association of Illinois Electric Cooperatives

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Cover: The unique Ukrainian Easter egg art of Martha Kristan is a family tradition. See story on pages 4 and 5.

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Martha Kristan's Ukranian Easter eggs keep family tradition alive

Photos from far left: Martha displays a completed, multi-colored egg, which represents about two hours of skilled work. Aniline dyes are used to color the tough-shelled duck eggs. A candle flame is used to melt the wax off the egg — note that Martha does not hold the egg directly over the flame. Applying a mixture of beeswax and crayon to areas that will remain white.

Martha Kristan makes museum pieces and keeps alive a family tradition that, at one time, seemed to have been dying out. And she makes friends and neighbors happy in the process.

Mrs. Kristan, of Royalton, a member of Southeastern Illinois Electric Cooperative, makes finely decorated Easter eggs in the European and Ukranian tradition, much as she learned from her mother and grandmother, who considered the pastime to be an essential part of their Russian heritage.

The Franklin County woman expects to do about 120 or so eggs this year, far fewer than the 300 she did last year.

Mrs. Kristan is pleased that five of her eggs have been bought by the museum at the Southern Illinois University-Carbondale, for an exhibit there. They were the first she had ever sold.

"They came to the house to take pictures for the dis-



play," Martha says, "and they told me they wanted to buy some eggs to exhibit, too. I said, 'I don't have any idea how to price them.' They said, 'That's okay. We've already got the money appropriated. We'll give you \$25 each.' I guess that's almost the truth about the goose that laid the golden egg, but these were duck eggs."

Shortly after the museum bought some of her eggs, a daughter, Carol Boyle, called from her suburban Chicago home to say that a local library would like her permission to exhibit several of the eggs she had given Carol over the years. "I told her that would be fine," Mrs. Kristan says.

"I used to use duck eggs because they have tougher shells," she says, "and my husband, James, and I raised ducks for that reason. We got rid of the ducks not long ago, and I'm just starting to use chicken eggs now. I empty them by blowing air into them with a hypodermic needle, and after they're washed and dried, they're ready to work on."

"Wherever I want the egg to be white," she says, "I 'paint' it with beeswax from our hives. I mix a little red or brown crayon with it so I can see where I've already worked. It comes off when I've finished, and you can't see that it was there."

The European method, she explains, is done with a pin stuck into a pencil eraser. With the pencil held backwards, the head of the pin becomes a stylus point, which she dips into the melted beeswax and applies to the egg shell.

The Ukrainians customarily used tiny funnel-shaped containers affixed to the tip of a stick. The user placed a small quantity of beeswax in the "funnel," which they warmed over a candle flame, then applied to the egg shell through a tiny hole in the reservoir. Martha doesn't like that method, because of the fire danger. "Sometimes I like to work late in the evening," she explains, "and often as I bent over the candle I could feel my eyelids drooping. I figured that if I wasn't careful, I'd have a fire, so I got an electric stylus. It does a good job and I don't have to have the candle flame. It's a lot safer."

Once the first pattern is drawn on, Martha says, the egg is ready for the aniline dye. "You start with the lighter colors and work up to the darker ones. Some eggs wind up with as many as half a dozen colors on them," she adds. After applying the first design and dyeing the egg, it is ready for the next wax application, which will take on the color of the first dye. After all the waxes are applied, and the egg dunked in the final dye, which should be the darkest, the egg is a sight to see. "It's a mess," Martha says. "By the time I've worked on it for a couple of hours, it's almost solid black."

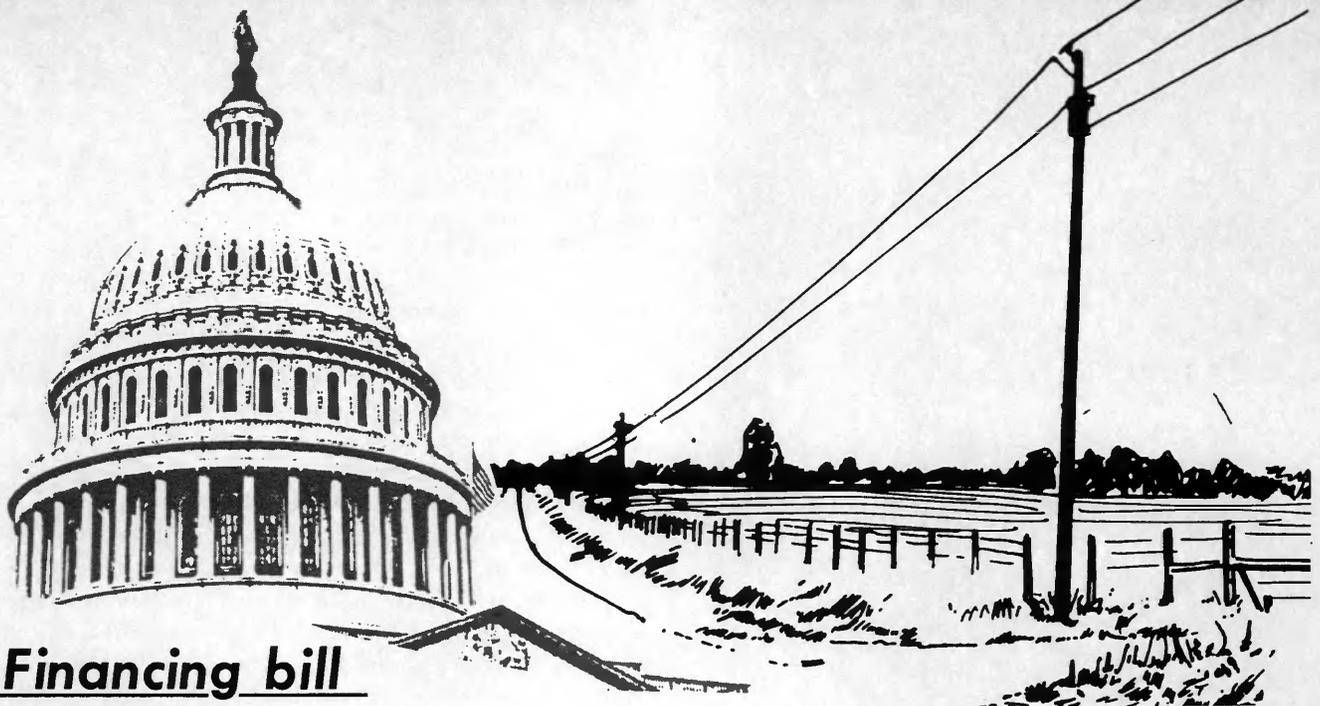
"Then," she adds, "I'll dry it, heat it over a candle flame and wipe it off with a facial tissue. People told me for a long time that I should use a soft flannel cloth, but lint comes off and stays on the egg, so I've found that the paper tissues are best."

Another matter people seem to disagree on, she notes, has to do with the kind of flame to use in melting off the accumulated wax when the egg is finally out of the final dye bath. "People have told me not to use the old traditional candle flame," she remarks, "because it'll blacken the shell. But I don't hold the egg in the flame, but close to it; off to the side a little. If you touch the wick with it you'll get a stain, for sure."

Mrs. Kristan's expertise and years of experience in Easter egg coloring is sometimes in demand by various civic groups, and she's happy to give others the benefit of her skills.

"We lived in Jo Daviess County until we moved back to my husband's family farm six years ago," she says, "and many people there were interested in demonstrations. I gave one for the county Extension people and over 100 persons attended. Some drove 70 miles from Rockford, and the newspaper there did a story on it, too. I showed church groups, too."

Probably one of the most unusual requests came from a group of band boosters at the high school in Elizabeth. "They wanted to find a good money-making project to buy new band uniforms, so they asked me if I'd show them how to color eggs, and I did. It was one of several projects, and they all helped. Actually, I don't sell the ones I color. I give them to friends as gifts because I like to share during the Easter season," she says.



Financing bill

House approval praised

The House March 1 overwhelmingly approved a plan to preserve a major source of financing for rural electric cooperatives.

The 283 to 111 vote overcame opposition from the White House, which has threatened a veto, to pass the bill that would keep the Rural Electrification Administration's Revolving Fund from running out of money sometime around the turn of the century.

During nearly five hours of debate, the House defeated attempts to gut the legislation and to send it back to committee. Opponents termed the bill a "budget buster" and charged that it would not keep the fund from going out of business. Supporters called the measure a "sound compromise" that would keep rates for rural utilities from rising unreasonably.

"This will help moderate electric rate increases being faced by rural electric consumers," said Rep. William Clinger (R-Pa.). As a result, he said, "It will also help moderate the price of vegetables, meat and milk for the consumers in cities and towns far away from rural electric cooperatives."

The House action was praised by the National Rural Electric Cooperative Association, the Washington representative for the nation's 1,000 rural electric systems.

NRECA Executive Vice President Robert Partridge said, "We are hopeful that Senate consideration will be forthcoming soon and that this legislation, provisions of which have been aired and debated for months, will become law before this session of Congress is concluded" at the end of the year.

The Senate began hearings on a similar bill in late March.

The REA Revolving Fund is a government account that is used to make loans at 5 percent interest to rural electric and telephone cooperatives, so they can expand and improve power lines and related facilities. The fund is essentially self-contained, replenishing itself through loan repayments. Without the fund, cooperatives would be forced to pay much higher interest rates to private lenders. Rural power bills are already higher than those of neighboring urban utilities in most cases, because of the higher costs and lower revenues involved in serving sparsely settled areas.

Currently the REA, an agency of the Agriculture Department, approves about \$850 million a year worth of loans from the Revolving Fund.

The Rural Electrification and Telephone Revolving Fund Self-Sufficiency Act of 1983 would allow increases in the interest rates on

Revolving Fund loans, to about 6 or 8 percent, in order to balance interest income with interest expense. The other major provision would keep the original \$7.9 billion worth of assets in the fund, rather than repaying them to the U.S. Treasury beginning in 1993, as called for under current law.

The legislation became necessary after the strong rural growth and high interest rates of the 1970s put unexpected demands on the Revolving Fund. Without a change, the fund would go bankrupt sometime after the year 2000.

The chief foe of the bill was Rep. Edwin Bethune (R-Ark.), who offered an amendment that would raise interest rates higher than the bill called for, and would delete the provision to retain the \$7.9 billion. The House rejected that substitute and then turned back Bethune's attempt to return the bill to the Agriculture Committee.

The Administration did not formally support the Bethune amendments, but indicated it preferred them to the Self-Sufficiency Act.

Bethune said that an Administration study shows that the bill's formula for determining the interest rate would not keep the fund from running out of money, and that a

(Continued on page 15)

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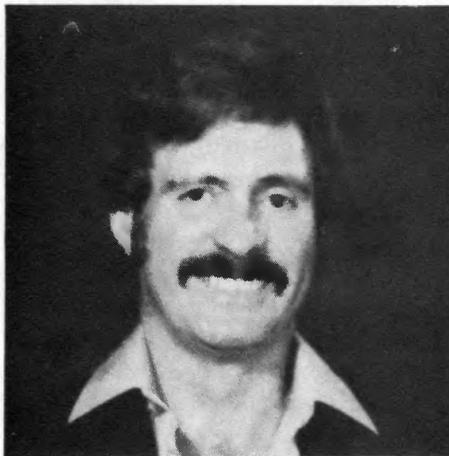
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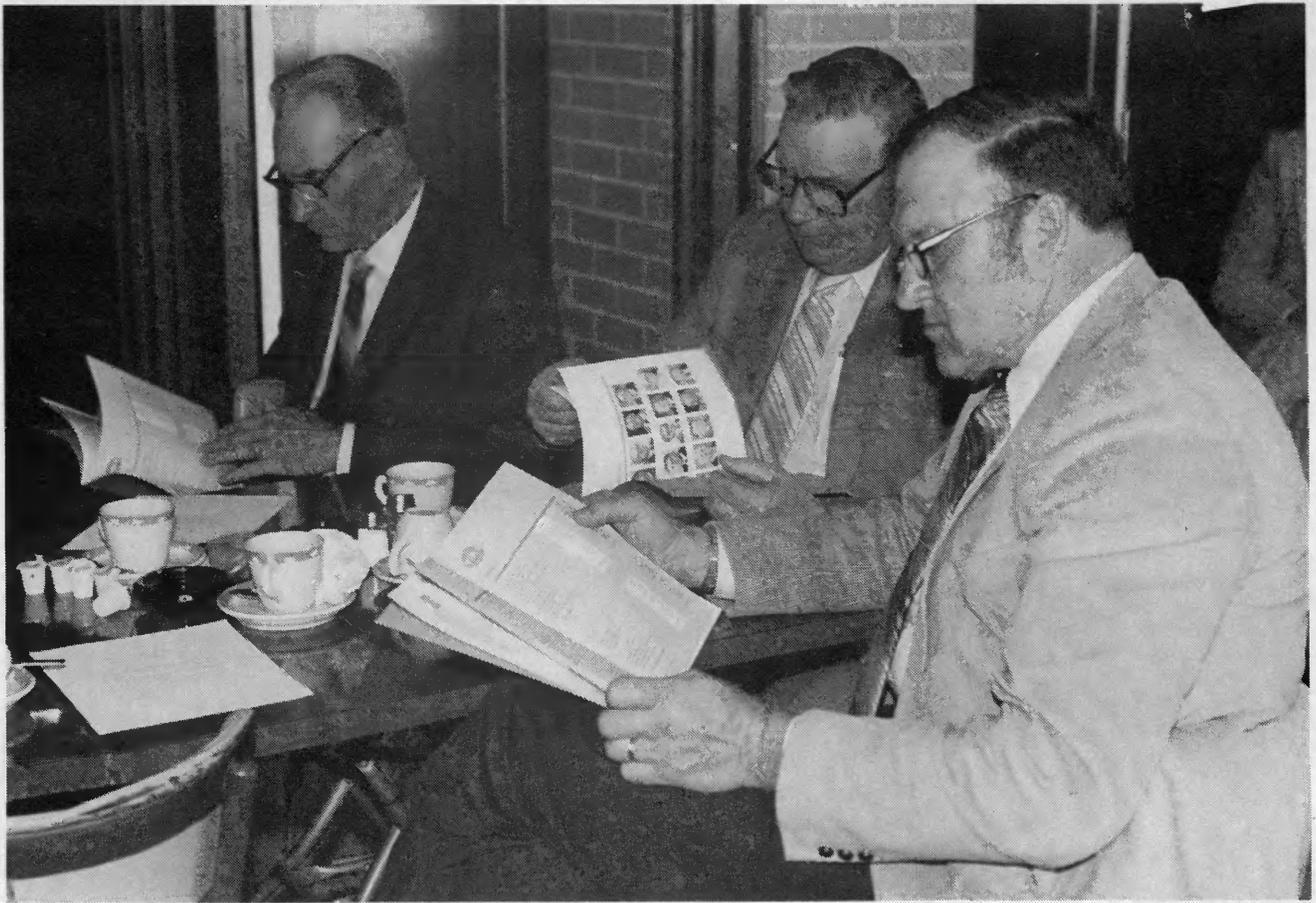
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Examining the annual report of Western Illinois Power Cooperative are three directors of Spoon River Electric Co-operative. From left are Van Bennett, Canton; Wayne Bollinger, Browning, and Allen Blout, Ellisville.

Weather contributes to uneven electric use; WIPCO load factor down

Weather in 1983 was a major factor in a year of fluctuating and increasing energy usage by consumer-members of the seven member systems of Western Illinois Power Cooperative (WIPCO).

Robert E. Gant, Winchester, president of the board, reported during WIPCO's 24th annual meeting March 6, in Jacksonville, on the effect that mild winter weather and hot, dry summer weather had on consumption and load factor of the cooperative system.

"Weather in the first two months," Gant said, "was mild, resulting in energy sales of 15 to 20 percent below that which was expected. However, the extremely hot summer created sales that were 10 percent higher than expected. Because of the hot, dry summer, crop yields were cut and the grain came from the fields in a dry condition." That resulted in very little

grain drying in October and November, he added.

"Even with these ups and downs" Gant went on, "sales to the seven cooperatives were about 3.5 percent above 1982, a bit above what was projected."

Donald B. Bringman, general manager of the Jacksonville-based generation and transmission cooperative, said that, while sales were up the 3.5 percent, peak demand increased about 7.7 percent to an all-time high of 150.5 megawatts. "The peak, which occurred in July, may be the result of the abnormally dry summer and resulting need for irrigation," Bringman said.

The peak demand record contributed to a lower annual load factor for WIPCO, the officers reported. The factor dropped to 44.4, compared to 46.2 in 1982. The 1983 factor was the lowest ever for WIPCO. (A utility's

load factor is its average load as a percentage of its peak load.)

Secretary-treasurer Stanley Otten, Modesto, reported that total energy sales to member-cooperatives were 584,644,000 kilowatt-hours, up from 564,944,000 in 1982. Of the total kilowatt-hour sales, WIPCO generated 133,278,000 and purchased most of the remainder from Central Illinois Public Service Company and Illinois Power Company. The cost of purchased power increased six percent, representatives of the seven member-cooperatives were told, and purchased power accounted for almost 76 percent of all expenses for WIPCO during 1983.

Gant said that considerable line and substation upgrading had taken place in 1983, increasing the WIPCO system's flexibility and reliability "as part of WIPCO's continuing effort to provide a good, reliable power supply



Robert E. Gant, seated left, of Winchester, is president of the Western Illinois Power Cooperative board. Other officers include, seated from left, Wayne Harms, Carlinville, vice president, and Stanley Otten, Modesto, secretary-treasurer, and standing from left, Roger C. Mohrman, Camp Point, assistant secretary-treasurer, and Donald B. Bringman, general manager.

at the lowest possible cost."

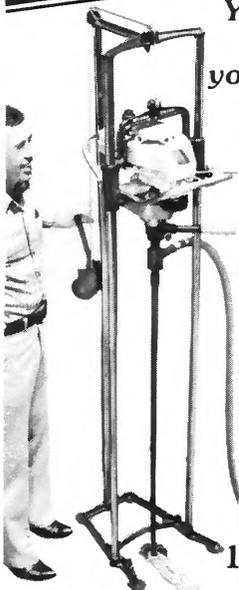
Fourteen representatives of the member-cooperatives were elected to serve on the board of directors for the coming year: Roger C. Mohrman, Camp Point, and Robert D. Smith, Barry, Adams Electrical Co-Operative; Gant and Harvey L. Vortman, Bluffs,

Illinois Rural Electric Co.; Wayne Harms, Carlinville, and Charles W. Witt, Carlinville, M.J.M. Electric Cooperative; John E. Root, Petersburg, and Robert F. Zook, Athens, Menard Electric Cooperative; Roy D. Goode, Virden, and Otten, Rural Electric Convenience Cooperative; C. Lee

Duncan, Lewistown, and William H. McCamey, Canton, Spoon River Electric Co-operative; and Lester W. Aeilts, Carthage, and Donald Willard, West Point, Western Illinois Electrical Coop. WIPCO's member-cooperatives serve consumers in 22 west-central Illinois counties.

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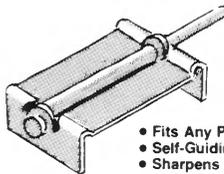
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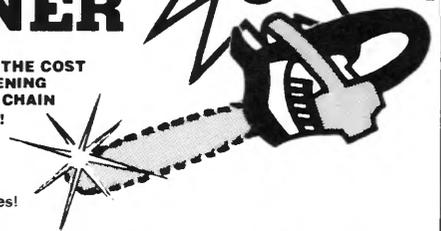
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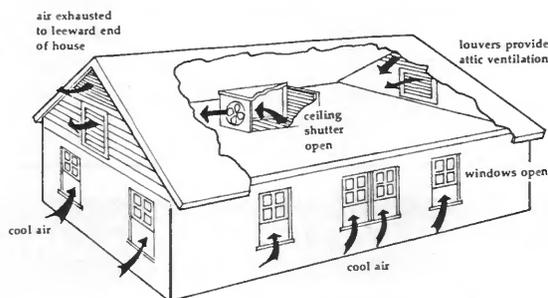
One of the factors to consider when purchasing an air conditioner is its energy efficiency ratio (EER). The EER is the amount of cooling an air conditioner produces relative to the amount of electricity it uses. The ratio is calculated by dividing the Btu per hour cooling capacity by the wattage rating. For example, a 12,000 Btu air conditioner that uses 1,500 watts has an EER of 8; a 12,000 Btu air conditioner that uses 2,000 watts has an EER of 6. An air conditioner with an EER of 8 will use 25 percent less energy than a unit with an EER of 6. The higher the EER, the lower the operating cost for the same amount of cooling. The air conditioners with higher EER ratings may cost more to purchase.

The EER of a window or through-the-wall (room) air conditioners varies from 4.7 to 10.7. You should try to buy one with a rating of 7.5 or above. Appliance energy labels must appear on room air conditioners manufactured after May 19, 1980, in accordance with Federal Trade Commission requirements. These labels give the EER of the unit based on test procedures of the U.S.

Department of Energy.

Remember, there are other ways to cool your home than air conditioning. You may not be as uniformly comfortable as with the near-constant temperature provided by air conditioning, but the energy cost will be much less, if not zero.

Natural ventilation can be provided by opening windows to take advantage of prevailing breezes. The most effective air movement is when the ventila-



An attic fan can cool the whole house when the outdoor temperature and humidity are within the comfort zone.

tion openings are on opposite walls and the air flows across the room within the height of the human occupants. It is best to ventilate mostly at night and then close up the house early in the morning to keep the cool air from being rapidly displaced by warm air on a hot day.

On calm summer nights, natural



ventilation may need to be supplemented with fans to speed the cooling. By operating either attic or window fans throughout the night, large quantities of cooler night air can be circulated through the house, lowering the indoor air temperature.

The illustration shows how an attic fan is utilized for whole-house cooling. Installing a whole-house ventilator is not usually a do-it-yourself project. These units should be installed so they can be sealed and insulated during the cold months.

While a window fan is easy to install, it is limited in the area that it can cool. It is also likely to be noisier than an attic fan.

If installed in a hallway window, a fan can serve more than one room. If the fan is placed in a room window, the doors to that room will have to be left open, and all windows adjacent to the one in which the fan is installed must be kept closed to prevent "short-circuiting" of the air.

The old-fashioned ceiling fan (a large four- or six-bladed paddle fan operated at low speed) and floor fans have been revived as a low-cost approach to comfort cooling. In this case, the cooling effect on the body is mainly by air motion. The fans also mix the cooler air from near the floor with the warmer air at body level. The body heat is transferred to the room air by forced convection, and the body is cooled by the evaporation of perspiration.

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SIZES 34-50



7255



4976
34-50



7212

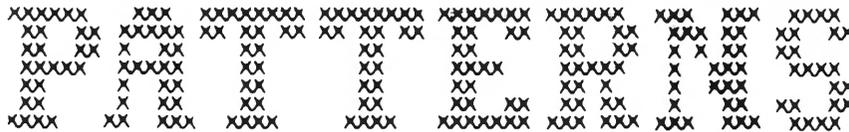


4822
SIZES 8-18



9000

SIZES 8-20



- No. 9179 is cut in sizes 10½, 12½, 14½, 16½, 18½, 20½. See pattern for yardages.
- No. 7067 — official birds and flowers for 50 states for quilt about 68 x 110 inches.
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- No. 847 is knitting directions in worsted-weight yarn, sizes 38-44 included.
- No. 4852 is cut in sizes 10½, 12½, 14½, 16½, 18½, 20½, 22½, 24½, 26½. Size 14½ (bust 37) takes 2-5/8 yards 60-inch.
- No. 9258 is cut in Women's sizes 34, 36, 38, 40, 42, 44, 46, 48, 50. Yardages given with pattern.
- No. 7255 is transfer of motifs for candlewicking pillows 11 inches across (not including eyelet ruffle).
- No. 4976 is cut in Women's sizes 34, 36, 38, 40, 42, 44, 46, 48, 50. See pattern for yardages.
- No. 7212 is patch pattern pieces for quilt 62 x 93 or 77 x 93 inches using prints and polka dots.
- No. 4822 is cut in sizes 8, 10, 12, 14, 16, 18. Size 12 (bust 34) takes 2-3/4 yards 45-inch fabric.
- No. 9000 is cut in sizes 8, 10, 12, 14, 16, 18, 20. Size 12 (bust 34) takes 2-3/4 yards 60-inch fabric.

TO: PATTERNS
Illinois Rural Electric News
P.O. Box 3787
Springfield, IL 62708

I have enclosed \$ _____ (\$2.50 per pattern — cash, check or money order accepted) for the following patterns (please allow four weeks for delivery):

| Pattern No. | Size | Pattern No. | Size |
|-------------|-------|-------------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Print Name _____

Address _____

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State _____ Zip _____

Standby generators:

An essential part of farm operations

Electric energy is no longer a household luxury. Electricity has become an essential servant for farm and home — and it is no longer a minor inconvenience when the power goes off, especially if the outage lasts several hours or more.

For many, an outage means the discomfort of a furnace that does not run, or a refrigerator or freezer full of food that may spoil.

For others, a prolonged outage may mean that several hundred head of livestock in confinement buildings may die.

Whether electricity is a major convenience or an extreme necessity, you may be wise to look into the possibility of buying a standby generator for your farm or home. Electric cooperatives have built an admirable record for dependable service, but occasional, prolonged outages are unavoidable, usually due to severe weather such as tornadoes, lightning or ice storms.

Whether you buy a 35,000-watt generator or a 2,000-watt unit like many central Illinoisans did during the 1978 Easter ice storm outage, you should be absolutely sure your unit is isolated from the cooperative's lines any time it is generating current.

You can start up a generator any time and plug a few appliances into the outlets that are often built into such units. But any time you wire it into your home's fuse box or connect it at the meter pole, you will need a double-throw switch. Such switches protect the linemen working to restore service, and they protect your generator, too.

When you are using current from cooperative lines, the transformer at your location is stepping the voltage down from 7,200 to the 120 and 240 that you use in your home. When you run your generator and it is hooked

into the lines, the current flows the other way, and the 120-volt electricity you are making flows into the transformer and goes out the other side as 7,200-volt current, ready to give a lethal shock to a lineman who may have assumed that the line was dead.

And, the double-throw switch protects your generator, too. When the current from the normal source comes back on, it may ruin your generator unless it is isolated from the lines by a double-throw switch.

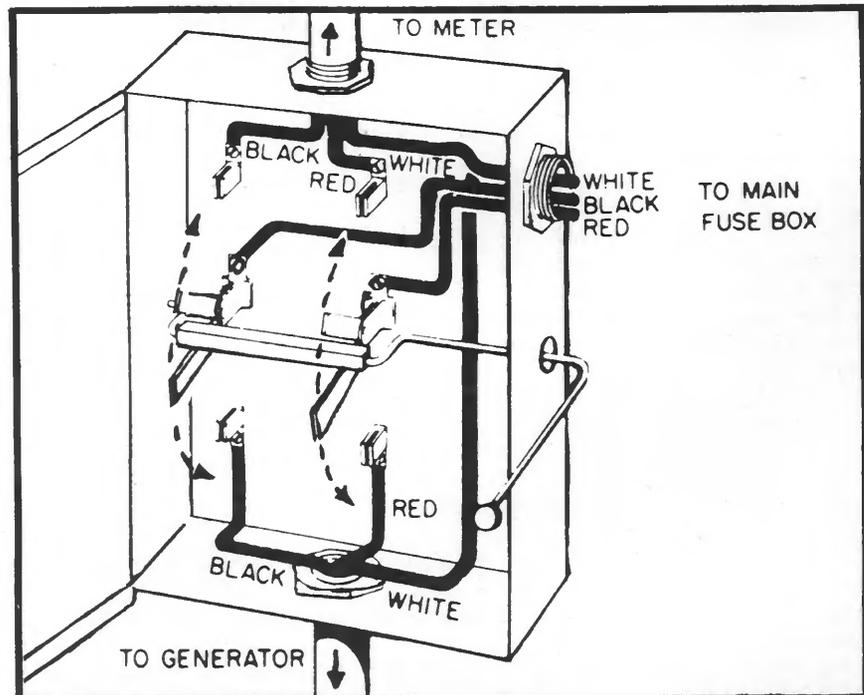
Determining the size of the generator you will need in the event of an outage may be a bit tricky, and may best be done with the help of your cooperative's power use advisor. Generally, though, the watt rating of the generator you purchase should be about equal to the total watts you might expect to need during an outage.

If the generator does not have

overload capacity, multiply the watt rating of your two largest motors by three, because a motor requires about three times as much current to start as it does to run.

A generator will be a help during an outage only if it is ready to use when an outage occurs. It should be stored in a dry, dustless place, but not covered too tightly (to prevent moisture condensation). And, it should be run briefly at least once every three months to ensure good running characteristics.

We hope you will not need to use a standby generator, but no electric distribution system that is exposed to wind and weather can hold up without occasional outages. If it is vital that you have electricity at all times, a source of standby power might be a good investment — but do not forget that double-throw switch.



Double-throw switches protect the linemen working to restore service and they protect your generator, too.

Your word is always good with the add-on heat pump



Still waiting to keep the promise you made during last year's scorching summer to add or replace a central air conditioner? Or are you promising yourself now to make your home's forced-air heating system more efficient before next winter?

With the highly efficient electric add-on heat pump you can fulfill both of those promises and more . . . because the add-on heat pump provides year-round living comfort, supplying most of your home heating needs and all of your cooling requirements.

The add-on heat pump operates with super efficiency above 32 degrees and can take over about 75 percent or more of the heating duties from your less efficient forced-air furnace. On days that are too cold for the heat pump, your furnace will provide the heat . . . because its efficiency increases as it runs longer in colder weather.

And in the summer, the versatile heat pump reverses its cycle and cools your home like a central air conditioner. So, you actually have one unit doing the work of two systems . . . economically.

No matter what time of year you promise to improve the economy of your home's comfort systems, you should consider the electric add-on heat pump. Call us. We'll be glad to talk to you about it.



Electric Cooperatives of Illinois

Good for ALL Illinois

"Magic" Indian Oil CATCHES FISH LIKE CRAZY!

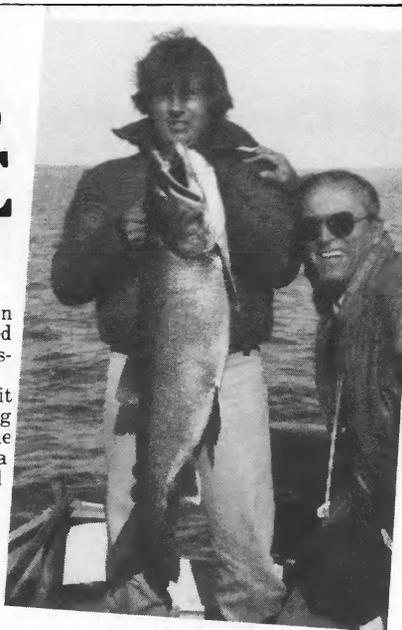
I made this remarkable discovery when my son went on his first fishing trip with me. We hired this old Indian guide in a small town in Wisconsin.

When our guide showed Mark how to bait his hook, I noticed that he rubbed something on the bait just before Mark put the line in the lake. Within minutes Mark had himself a beautiful bass. You can imagine how pleased I was and Mark, of course, wanted more.

So the whole thing was repeated—the guide put on the bait, rubbed it again, and up popped another beauty. Meanwhile, I sat there patiently waiting for my first fish.

This went on all morning. Mark caught 30 bass and I got eight.

When I pulled the boat in at noon and paid off our Indian guide, I noticed that a small, unusual seed had apparently fallen from the guide's pocket into the bottom of our boat. The odor from the seed was quite strong and certainly different from anything I had ever smelled before. This was what he had rubbed on Mark's bait!



*It works for me—
wouldn't be without it.*
D. Hulbutt, Duluth

When we returned home the next day, I gave the seed to a chemist friend of mine. He analyzed it and duplicated it into a spray for me.

I could hardly wait for my next fishing trip. What I discovered on that trip was absolutely unbelievable. I have never before caught fish like that. Every time I baited my hook. I sprayed it and up popped another fish.

I tested some more. I put spray on one bait and nothing on another. The sprayed bait got the fish almost immediately. The unsprayed bait got some nibbles, but nothing more.

I gave some of my friends samples of the spray to try and the results were the same—they caught fish like never before.

I named my spray "CATCH FISH LIKE CRAZY" cause that's just what it does and it works with all kinds of fresh or salt water fish. It works equally well on artificial or live bait.

Here's what fishermen say about my spray:

"What you say is true. I caught fish like crazy—it really works!" K.S. Evansville, Ind.

"I read your ad and found it hard to believe—but sent for it anyhow cause I'm not very lucky—after one day, I'm a believer—I caught Snook and Sea Bass—it was easy!" D.D. Naples, Fla

"I always keep a can in my tackle box. It's fantastic!" K.V. Highland Park, Ill.



*I used your spray
and caught all these fish*
J. Hannon, Chicago



Larry Hall

Hall family has mini-zoo

For Larry Hall, a son's FFA project at school was the beginning of a hobby-business that reflects a long-time dream. "When my son, Larry, was getting interested in FFA," the elder Larry says, "he was kind of looking around for a project that was a little different from others. I'd always wanted a deer, ever since I was a kid, so I suggested that."

The Halls, who live in Cumberland County near Montrose, are members of Norris Electric Cooperative. They decided on a fallow deer, which is of Asian origin. Since fallow deer are not native to the U.S., the Halls could sidestep the problems involved in dealing with game animals.

They got their buck at Rockome Gardens in Arcola, while they later bought two does from a breeder in Evansville. They've had two sets of fawns since then, and all were bucks. "I'd like to have the buck and four does and sell the rest," Larry says.

Larry has since branched into other activities, too, with several cages of coons and foxes, in addition to the more mundane chickens and ducks you'd expect to find around a farm. Some two dozen foxes — some red and others silver — are part of the Hall menagerie.

"I'm crazy about animals," Larry says, "and I get a lot of pleasure out of the ones I have. I like to talk to people, too, and anybody's welcome to come and see the animals."

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Financing bill

(Continued from page 6)

Congressional Budget Office study showed the bill "will, over time, increase the deficit by \$20 billion."

Rep. Eligio de la Garza (D-Tex.), said, "I cannot let go unchallenged the \$20 billion. . . . That figure is not accurate." He said the CBO did not cite such a cost, and that if there was any cost to the Treasury at all, it would not be until after 1993.

"These charts and figures . . . do not deal with faces and places," said de la Garza, who is chairman of the Agriculture Committee. "We are speaking about lights for rural America."

Bethune's \$20 billion is not accurate because he incorrectly calls the \$7.9 billion an expense to the Treasury. The remaining \$12.1 billion no

longer applies to the bill because it was made up of the worst-case effects of a refinancing provision that had been greatly modified by an earlier amendment offered by de la Garza.

Rep. Buddy Roemer (D-La.), said that Bethune had misstated the CBO report, and Rep. Thomas Coleman (R-Mo.), said the figures were greatly exaggerated.

"We're simply establishing the Revolving Fund as a permanent entity," said Coleman. "The Treasury exposure is not the full \$7.9 billion. It's closer to \$1 billion in terms of the real effects on the budget. An investment of \$1 billion in rural America is worth it."

Rep. Bill Alexander (D-Ark.) called the Bethune amendments "a naked attempt to kill REA. It's a knife in the back of rural electrification, disguised as an accountant's pencil."

Rep. Charles Stenholm (D-Tex.), disputed the claim that the interest rate formula would not work, noting that the past three REA administrators had testified that the bill could keep the Revolving Fund solvent.

Rep. Ed Jones (D-Tenn.), chief sponsor of the bill, said it was the "best solution" and resulted from two years of extensive analysis and debate . . . here in Congress and throughout rural America."

Rep. Harold Rogers (R-Ky.), termed the bill "a sound compromise" that would help prevent further rate increases.

"It's rare for any group to come before this body and ask for a long-term increase in interest rates," said Rogers, "but that's what we have here."

—By Paul Wesslund
RENS Washington Correspondent

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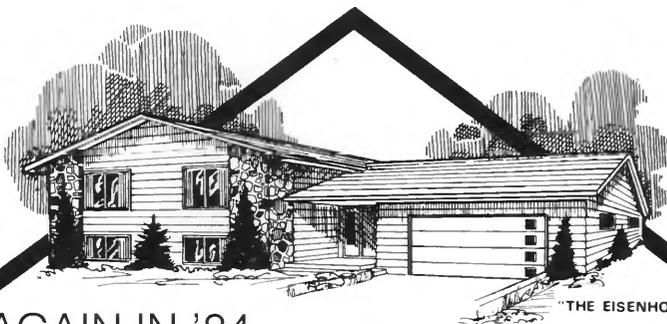
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For spring feasting



A fine leg of lamb, roasted to a lustrous rose color, seasoned with fresh herbs, and accompanied by bright green minted peas with mashed potatoes makes an impressive dinner. Top off our festive meal with Grapefruit Supreme.

HERBED FILLETS

- 2 tablespoons oleo
- 1 clove garlic, crushed
- 1/4 cup onion, chopped
- 1 tablespoon lemon juice
- 2 teaspoons parsley flakes
- 1/2 teaspoon salt
- 1/4 teaspoon farragon
- 1/8 teaspoon thyme
- 1 lb. fish fillets
- 1/4 cup bread crumbs

Melt oleo. Add garlic and onion; cook till tender. Add other ingredients except fish and bread crumbs. Then arrange fish in a baking dish (lightly butter or put a little of the herb mixture in first). Pour mixture over fish. Top with bread crumbs. Bake at 350 degrees until fish flakes easily with a fork.

ASPARAGUS CASSEROLE

- 2 cups asparagus
- 2 tablespoons oleo
- 4 boiled eggs, sliced
- 2 tablespoons flour
- 2 cups milk
- salt and pepper to taste
- 1/2 cup cracker crumbs

Cook asparagus in salted water, drain. In a small saucepan, melt 1 tablespoon oleo, stir in flour and milk; cook until thick. In a baking dish, layer asparagus then boiled eggs, repeat. Pour milk mixture over all. Melt the remaining 1 tablespoon oleo and mix with cracker crumbs. Sprinkle over top of casserole and bake at 350 degrees until brown and bubbly.

CHOCOLATE SAUCEPAN BROWNIES

- 1/3 cup shortening
- 1 cup sugar
- 2 eggs
- 1/8 teaspoon baking powder
- 1/8 teaspoon salt
- 1/2 cup all-purpose flour
- 2 squares unsweetened chocolate
- 1/2 cup chopped nuts
- 1 teaspoon vanilla

Melt shortening and chocolate in saucepan. Cool to lukewarm. Beat in sugar; add eggs one at a time. Sift flour, baking powder, and salt. Blend into chocolate mixture. Stir in nuts and vanilla. Pour into a greased square cake pan and bake at 350 degrees for about 30 minutes.

LEG O' LAMB DUBLIN

- 1 leg of lamb (about 5 pounds)
- 1 cup grapefruit juice
- 1/2 cup olive oil
- 1 can (6 oz.) tomato paste
- 2 teaspoons salt
- 1 teaspoon dried rosemary, crumbled
- 1 teaspoon dried leaf thyme, crumbled
- 2 cloves garlic, minced
- 1/2 cup butter or margarine
- 1 cup pkg. seasoned bread crumbs
- 1/2 cup chopped parsley

Remove "fell" from lamb and trim off any excess fat. In a small bowl combine grapefruit juice, olive oil, tomato paste, salt, rosemary and thyme; mix well. Brush generously over lamb. Roast in a 325 degree oven for 1 hour and 45 minutes or until meat thermometer registers 150 degrees for rare, 160 degrees for medium, 170 degrees for well-done. Brush with grapefruit juice mixture every 30 minutes during roasting. Meanwhile, in a medium skillet, melt butter. Add garlic and bread crumbs, stir over medium-high heat until crumbs are lightly toasted. Remove from heat; stir in parsley. About 10 minutes before lamb is done, remove lamb from oven. Let stand about 5 minutes or until cool enough to touch. Press crumb mixture over surface of meat. Return to oven and roast 10 to 15 minutes longer or until meat is done.

GRAPEFRUIT SURPRISE

- 1 cup plus 3 tablespoons sugar, divided
- 1/4 cup cornstarch
- 1/2 teaspoon salt
- 3 eggs, separated
- 2 cups milk
- 3 tablespoons butter or margarine
- 1 teaspoon vanilla
- 3 large grapefruit

In medium saucepan combine 1 cup sugar, cornstarch and salt. Gradually add milk and egg yolks; mix well. Cook over low heat, stirring constantly until mixture boils. Boil 1 minute. Remove from heat. Stir in butter and vanilla. Cover surface of pudding with plastic wrap; chill. Meanwhile, prepare grapefruit. Cut grapefruit in half. Using grapefruit knife, section fruit; drain. Remove all membrane from grapefruit cups. Fill grapefruit cups with sections. Spoon chilled pudding over sections. In small bowl beat egg whites until foamy. Gradually beat in remaining 3 tablespoons sugar, beating until stiff peaks form. Spoon or pipe meringue evenly over pudding. Place grapefruit cups on cookie sheet. Place under broiler about 2 minutes until meringue is golden.

GREEN MINTED PEAS

- 3 cups fresh or frozen peas
- 1/4 cup butter or margarine
- 2 cups freshly mashed potatoes
- 1 tablespoon coarsely chopped fresh mint or 1/4 teaspoon dried mint

Cook peas until tender; drain. Add butter and mint. Toss gently and pour into warm serving dish. Beat potatoes until light and fluffy. Spoon into pastry bag fitted with large star tip. Pipe around edge of serving dish of peas.

CINNAMON ROLLS

- 1 cup sour cream
- 2 tablespoons oleo
- 1 egg
- 3 tablespoons sugar
- 1 teaspoon salt
- 1 teaspoon soda
- 1 package yeast
- 3 cups sifted flour

In a saucepan bring the sour cream just to the boiling point. Remove from heat and add oleo. In a large bowl beat egg, sugar, salt, and soda then add sour cream mixture. Sprinkle yeast on this mixture. Stir well then add flour. Knead the dough into a ball, cover and let rise 10 minutes. Roll into strips 6 inches in width and spread generously with butter, brown sugar, and cinnamon. Fold over then cut in strips about 1 inch wide. Press down on greased cookie sheet and let rise until double in bulk about 1 1/2 hours. Bake at 375 degrees for 15 minutes. Partially cool on rack and frost with 1/2 package powdered sugar moistened with milk. Sprinkle with chopped nuts.

LAZY DAY LEMON CHIFFON PIE

- 1 (14 oz.) can sweetened condensed milk
- 1/3 cup lemon juice
- 2 teaspoons grated lemon rind, optional
- Few drops yellow food coloring
- 3 egg whites
- 1/4 teaspoon cream of tartar
- 1 graham cracker pie crust
- Whipped cream or topping and lemon slices, optional

In medium bowl, combine sweetened condensed milk, lemon juice, rind and food coloring. Mix well. In small bowl, beat egg whites with cream of tartar until stiff but not dry. Gently fold into sweetened condensed milk mixture. Pour into ready crust. Chill 3 hours or until set. If desired, garnish with whipped cream and lemon slices before serving. Refrigerate leftovers.

ROXY'S COBBLER

- 1 cup flour
- 1 cup sugar
- 2 teaspoons baking powder
- 1 cup milk
- 1 teaspoon vanilla
- 2 cups canned, sliced peaches, drained
- 1 stick oleo

Mix flour, sugar, baking powder in a 2 quart baking dish. Stir in milk and vanilla to make a thin batter. Place sliced fruit over batter. Slice oleo over all to make a nice crisp crust. Bake at 350 degrees for 25-30 minutes until golden brown and bubbly. Serve with ice cream. Can be made with any fruit in season.

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WHITE BIRCH

4 to 5 ft.1.75 ea. 10 for 15.00
Many people know this eye-catching native tree as White Birch or Canoe Birch. The white bark and clear yellow leaves in fall provide showy colors. Height 60 feet, spread 30 feet.

PIN OAK

3 to 5 ft.1.98 ea. 10 for 17.50
The Pin Oak is a handsome tree, especially when young, often used for avenues. Grows rapidly and prefers somewhat moist soil. Foliage bright red in fall.



AMERICAN REDBUD

4 to 5 ft.1.50 ea. 10 for 12.50
The Redbud is often used as a specimen or to provide a high point in a shrub border. Branches are covered with small, pea-like purplish pink blooms before the foliage comes out in spring. Ultimate height 15 feet.

GOLDEN RAIN TREE

3 to 4 ft.2.98 ea. 10 for 29.00
This medium sized tree does not usually grow over 30 feet tall. Does well in a variety of soils, but seems better suited to open sunshine than to shade. Midsummer brings showy 12 to 18 inch clusters of lemon-yellow flowers.

BRADFORD FLOWERING PEAR

2 1/2 to 4 ft.5.98 ea. 10 for 59.50
Very desirable, medium sized, non-fruiting tree with erect, upsweeping branches. Snowy white blooms in spring and striking bronze-red foliage in fall.

MIMOSA — Pink

4 to 5 ft.1.50 ea. 10 for 12.50
Small ornamental tree widely planted throughout the south. Grows to blooming size in a short time and masses of pink flowers are borne through early summer. A good flowering tree for almost any soil condition.

MAGNOLIA GRANDIFLORA

1/2 to 1 ft.1.45 ea. 10 for 14.50
Magnificent specimen tree with big glossy leaves and fragrant white flowers. Grows to about 40 feet.

DOUBLE PINK FLOW. CHERRY

3 to 5 ft.5.95 ea. 10 for 58.50
The upright form of the famous Japanese Cherries. An outstanding specimen for the lawn. Very large, double pink blooms in early spring. Ultimate height 30 feet.

CONCORD GRAPE

1 to 2 ft.79¢ ea. 10 for 7.50
The Concord Grape is one of the most popular and reliable grapes ever grown. Bunch is large and round and well shouldered. Berries are large and round, almost black in color. Juicy and delicious with a very sweet, buttery flavor.



RED MAPLE — Collected

4 to 5 ft.1.50 ea. 10 for 12.50
A large growing Maple tree that is known for its beautiful flowers, appearing before leaves and for its attractive red in autumn. Does well in moist or damp places.

SILVER MAPLE

4 to 5 ft.1.50 ea. 10 for 12.50
A very fast growing, soft wooded tree reaching a height of 50 to 60 feet. Leaves deeply cut and very attractive, being a silvery white underneath.

LOMBARDY POPLAR

1 to 3 ft.39¢ ea. 10 for 3.50
3 to 5 ft.79¢ ea. 10 for 7.50
Suitable as a background, along driveways, screening off outbuildings and other unsightly objects.

JAPANESE RED LEAF MAPLE

1 ft.2.98 ea. 10 for 29.00
A lovely red leaved tree for accents, not large, can be grown as a bush if desired.

PAW PAW

3 to 5 ft.1.98 ea. 10 for 19.50
A small tree that forms colonies from root sprouts, with straight trunk, spreading branches, and large leaves. Height 30 ft. Fruit 3 to 5 in. long, edible soft yellowish pulp has flavor of custard.

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Truly Red Flowering Dogwood. Beautiful, deep ruby-red which holds up throughout the blooming season. Growth habits of the tree similar to White and Pink Flowering Dogwoods, different only by having deep ruby-red flowers and red coloring in the new growth.

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SUGAR MAPLE

4 to 5 ft.1.50 ea. 10 for 12.50
The largest of all maples, and its beautiful array of yellow and orange hues make it a sight to remember due to the foliage thickness. A very hardy northern and southern tree and will grow up to 60 feet.

GREEN WEEPING WILLOW

4 to 6 ft.1.49 ea. 10 for 14.50
This common Weeping Willow makes a large lacy tree with long branches weeping to the ground. Good for planting near water or as a planting accent alone or in groups of two or three in moist locations. Ultimate height 40 ft.

SWEET GUM

4 to 5 ft.1.50 ea. 10 for 12.50
Star shaped leaves turn scarlet in autumn. The tall handsome tree is broadly pyramidal in form bearing prickly brown ball-type fruits remaining on branches after the leaves fall. Gives deep shade.

MAGNOLIA SOULANGEANA

1 to 2 ft.1.98 ea. 10 for 19.50
The most popular hard Magnolia. One of the first trees to bloom in the spring. The delightful, fragrant blossoms appear before the leaves. Blooms are large, often measuring 8 inches across, purple-pink on the outside and white on the inside. Grows up to 15 ft. tall.

PURPLE LEAF PLUM

2 1/2 to 4 ft.1.98 ea. 10 for 17.50
The red-leaved flowering plum will add contrast, color and variety to your lawn. Holds its deep rich color all season. Pink blossoms in early spring, followed by ornamental bright red fruits. Hardy anywhere. Attains 8 to 10 feet height.

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BUTTER NUT

3-4 ft.3.98 ea. 10 for 38.50
Big pecan-shaped nuts with rich, buttery flavor and tender white meat. Hardy, fast growing, high-yielding, superb shade tree.

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2-3 ft.2.45 ea. 10 for 22.50
Quick bearing, dwarf growing. Easy to crack, large sweet kernels, shell out whole. Fine for shrub borders or hedges.

ENGLISH WALNUT

2-3 ft.6.95 ea. 10 for 68.50
Attractive, broad-headed trees, excellent for shade. Grow fast, bear young. Large, thin-shelled, and easy to crack nuts.

HALL'S HARDY ALMOND

3-5 ft.3.98 ea. 10 for 37.50
Delicious nuts. Thrives wherever peaches are grown. Grows rapidly to 15-20 ft. Needs two trees for best pollination.

BLACK WALNUT

2-3 ft.2.49 ea. 10 for 24.00
Tall, towering, sturdy, handsome trees. Valuable for timber, shade, and tasty nuts.

AMERICAN BEECH

3-4 ft.1.90 ea. 10 for 18.50
Large tree with rounded crown of many long, spreading and horizontal branches, producing edible beechnuts. Height about 60-80 ft.



TULIP TREE — Collected

4 to 5 ft.1.50 ea. 10 for 12.50
One of the loveliest of our native trees. Tall growing, of shapely habit, and its large irregular leaves make it ideal for quick shade. Bears numerous tulip-like flowers in spring. Blooms are yellow, marked inside of base with orange.

GINKGO TREE

3 to 5 ft.3.98 ea. 10 for 38.50
Very effective for lawns, foliage fern-like, yellow-green marked with delicate hairlike lines. The fruit, which matures in the fall, has a sweetish, resinous taste. 50 feet at maturity.

EUROPEAN MOUNTAIN ASH

3 to 4 ft.3.95 ea. 10 for 37.50
Very hardy, dense head, and regular beautiful fernlike green foliage, covered from July till winter with clusters of bright red berries. The combination of foliage and clustered fruits make this most striking and beautiful. Ultimate height 30 feet.



FLOWERING CRAB — Red or Pink

3 to 5 ft.2.98 ea. 10 for 29.50
The Pink Flowering Crab has vigorous red blossoms. After blooming they have clusters of small red Crab apples.

CHINESE CHESTNUT

3-5 ft.3.98 ea. 10 for 37.50
New improved blight resistant Chestnut grown successfully where native trees have died. Hardy, prolific bearing (plant 2 or more, pollination insures a big crop). Big sweet nuts compare to the good native varieties for size and quality. Beautiful year round, medium size trees bear young.

STUART PECANS - Paper Shell

2-3 ft.7.95 ea. 10 for 75.50
Stuart is one of the excellent southern-type pecans that will consistently yield big crops of very high quality nuts. The trees are fast growing and are excellent for shade even in northern states, and will also produce nuts as well. These are vigorous grafted trees that are sure to give good results.

EUROPEAN FILBERT, Hazel Nut

2-3 ft.2.98 ea. 10 for 27.50
Widely used to pollinate other varieties. Nuts are large and attractive. The nut matures in late Sept.

DESIRABLE PECAN (Paper Shell)

3-4 ft.7.95 ea. 10 for 75.00
One of the larger pecans, excellent cracker, bears early and is a very hardy producer. Has a thin shell; Disease resistant.



WHITE FLOWERING DOGWOOD

4 to 5 ft.1.99 ea. 10 for 17.50
Well known to everyone, beautiful all the year. Large, white, single blossoms are conspicuous early in spring. The foliage is attractive all summer, and the fall colors beautiful. Red berries hang on most of the winter. Use as a specimen or in groups as a background for borders. Grows up to 30 feet high.

GOLDEN CHAIN TREE

3 to 4 ft.2.98 ea. 10 for 27.50
Rare low growing tree with long clusters of pure golden yellow Wisteria-like blossoms in May. Cloverlike leaves. Height 20 to 25 feet.



PINK FLOWERING DOGWOOD

2 ft.4.95 ea. 10 for 48.50
3 to 4 ft.8.95 ea. 10 for 87.50
A most valuable low growing and colorful tree for the lawn. Before the leaves appear, the tree is literally covered with rose-pink flowers suffused with bright red. Grows up to 20 feet high. A gorgeous spectacle.

BERRIES, FRUITS AND HEDGE — 1-2 Years Old

- 10 Rubarb, 1 yr. Roots1.95
- 20 Asparagus, 1 yr. Roots1.75
- 25 Strawberry, Blakemore or Tenn. Beauty2.95
- 25 Gem Everbearing Strawberry2.95
- 25 South Privet, 1-2 ft.2.95
- 25 North Privet, 1-2 ft.6.95
- 10 Multiflora Rose, 1-2 ft.4.98

BLACKBERRY — Thornless
1/2 to 1 ft.1.45 ea. 10 for 14.00
Mouth-watering giant berries over a half inch long, ripen over a long period on dependable, sub-zero hardy bushes.

BOYSENBERRY
1/2 to 1 ft.1.29 ea. 10 for 12.50
Largest thornless berry ever developed. Extra fancy beautiful superb quality fruits often 1 1/2 inches long. Excellent for eating, canning, freezing, juices, etc.

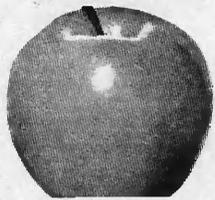
BLUEBERRIES — Weymouth - Earlibue - Blueray - Berkeley - Jersey - Rancocas - Rubel - Jersey
1 ft.2.98 ea. 10 for 27.50
During July and August every bush is loaded with huge grape-like clusters of sapphire blueberries. Need add soil and plant very shallow.

FIGS — Brown Turkey
1 to 2 ft.2.49 ea. 10 for 24.00
Handsome, bushy plants will bear figs this summer on new growth. Give winter protection or pot for indoor plant in the north.

BLACK RASPBERRY
1/2 to 1 ft.99¢ ea. 10 for 8.50
The Black Raspberry is an excellent early raspberry that produces big crops of delicious high quality berries. Very hardy & vigorous. The best commercial variety in Ohio & other states.

RED EVERBEARING RASPBERRY
1/2 to 1 ft.99¢ ea. 10 for 8.50

FRUIT TREES — 1 or 2 Years Old



GRIMES GOLDEN APPLE

2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
The tree is hardy, grows upright and is quite disease resistant. Medium to large bright yellow flesh, fine grained, juicy, with a very pleasing spicy flavor. Highly recommended and widely planted to pollinate self-sterile varieties.

YELLOW DELICIOUS APPLE

2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
A big beautiful golden apple that ripens late. Trees are very vigorous and bear quite young. Good for home and fresh market sales.

EARLY HARVEST APPLE

2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
Our best selling early, high-yielding garden variety. Will grow fast and bear young. A cooking apple known to housewives everywhere.

GRANNY SMITH APPLE

2-3 ft. 2.75 ea. 10 for 26.00
3-5 ft. 3.75 ea. 10 for 36.00
The fruit is medium to large and bright glossy green. It is very good eaten fresh or in desserts, salads, sauces, and pies. The tree grows better in areas with a long growing season.

LODI APPLE

2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
The favorite early yellow apple. The same fine flavor as the Early Harvest, but much larger and firmer. Unsurpassed for cooking.

RED DELICIOUS APPLE

2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
One of America's favorite apples. Ripens in fall. Dark red color, firm flesh.

STAYMAN WINESAP APPLE

2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
The most popular long keeping winter apple. An improved red satin with better color, large size, and better keeping qualities.

RED ROME BEAUTY APPLE

2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
Large uniform size. Crisp, juicy, aromatic with white flesh. One of the longest keepers of all apples.

RED JONATHAN APPLE

2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
A deep red apple of highest quality with a delicious, crisp, tender flesh. Fine for cooking and freezing.

ARKANSAS BLACK APPLE

2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
It is a good eating apple, also good for canning. Ripens in late October. A good keeping apple.

RED JUNE APPLE

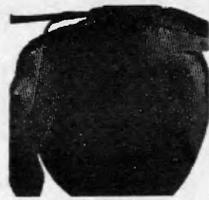
2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
Nothing beats the Red June for fresh eating, desserts, and salads.

McINTOSH APPLE

2-3 ft. 1.98 ea. 10 for 19.50
3-5 ft. 2.75 ea. 10 for 26.00
Large, rich red fruit with crisp, tender, juicy flesh. Excellent for eating fresh, cooking, drying, and cider. The tree is hardy, bears young, and annually.

NECTARINE — SURECROP

2½-4 ft. 2.50 ea. 10 for 24.50
It resembles and grows like peaches with the same luscious sweet, juicy, mellow, golden flesh. The thin smooth plum-like skin is absolutely fuzzless.



ELBERTA PEACH

2-3 ft. 1.79 ea. 10 for 17.50
3-5 ft. 2.50 ea. 10 for 24.50
Still the most popular peach on the market and universally planted. Yellow freestone of excellent quality, juicy, firm, but tender. Tree is hardy, productive and disease-resistant.

DIXIE RED PEACH

2-3 ft. 1.79 ea. 10 for 17.50
3-5 ft. 2.50 ea. 10 for 24.50
Dixie Red Peach is a yellow fleshed peach which ripens six weeks earlier than the Elberta Peach.

GOLDEN JUBILEE PEACH

2-3 ft. 1.79 ea. 10 for 17.50
3-5 ft. 2.50 ea. 10 for 24.50
A very popular, early, yellow flesh peach, excellent for home garden plantings and local sales. Good size fruit of fine quality. A very important feature is its excellent winter hardiness which insures a fine crop each year.

BELLE OF GEORGIA PEACH

2-3 ft. 1.79 ea. 10 for 17.50
3-5 ft. 2.50 ea. 10 for 24.50
Very vigorous, hardy, and productive. Leading white variety for commercial use. Fruit large with bright attractive red almost covering the white background. Flesh white, highly flavored and very firm. Freestone.

CHAMPION PEACH

2-3 ft. 1.79 ea. 10 for 17.50
3-5 ft. 2.50 ea. 10 for 24.50
Fine flavored, large blushed, freestone peach with a real sweet delicious white flesh, extremely hardy and productive.

HALE HAVEN PEACH

2-3 ft. 1.79 ea. 10 for 17.50
3-5 ft. 2.50 ea. 10 for 24.50
Today's most planted, most popular and most dependable hi-yielding, hi-quality, hardy yellow freestone. Rapidly overtaking Elberta.

J. H. HALE PEACH

2-3 ft. 1.79 ea. 10 for 17.50
3-5 ft. 2.50 ea. 10 for 24.50
Excellent for home and commercial planting. Large yellow flesh, firm. Freestone.

ORIENT PEAR

3-5 ft. 3.98 ea. 10 for 39.50
One of the very few varieties almost entirely immune to blight. Its fruit is excellent fresh or canned; melting, juicy, mild subacid flavor. Fruit round yellowish with red blush, interplant with Keiffer for pollination purposes. Late August.

KEIFFER PEAR

3-5 ft. 3.98 ea. 10 for 39.50
Ripens late September. One of the best known varieties and grows to a large size. Fruit long and heavy, flesh coarse and not so sweet. Largely planted for canning and is excellent for preserving.

BARTLETT PEAR

3-5 ft. 3.98 ea. 10 for 39.50
Grown profitably in every pear growing section in America. Trees vigorous and bear young. Large smooth yellow fruit with sweet white flesh. Flesh fine grained and juicy.

MOONGLOW PEAR

3-5 ft. 3.98 ea. 10 for 39.50
Early ripening variety with sweet, mild, juicy flesh. Excellent for fresh use or canning. The tree is hardy, blight resistant, bears big crops.



RED JUNE PLUM

3-5 ft. 2.50 ea. 10 for 24.50
This large plum matures very early. The tree bears heavily. To avoid "June drop" (the dropping of excess fruit), thin the fruits.

METHLEY PLUM

3-5 ft. 2.50 ea. 10 for 24.50
One of the better varieties. Fruit is large in size, reddish purple in color with red flesh. Tree is vigorous grower and does well on most types of soil. Heavy annual bearer. Good shipper.

BURBANK PLUM

3-5 ft. 2.50 ea. 10 for 24.50
Large, purplish-red plum with yellow delicious flesh. A very prolific variety. Excellent eating and commercial plum. Good shipper. Ripens late June.

DAMSON PLUM

3-5 ft. 2.50 ea. 10 for 24.50
Very dark blue and bears in August.

STANLEY PRUNE PLUM

3-5 ft. 2.98 ea. 10 for 29.50
This prune-plum is the most popular of all plums. Rich yellow flesh, firm, sweet, and delicious. Freestone. Ripens early September. Plant two varieties for pollination.

SANTA ROSA PLUM

3-5 ft. 2.98 ea. 10 for 29.50
Medium to large fruit with firm yellow-veined flesh to dark red near skin. Rich, pleasing, tart flavor. Ripens early. Tree is vigorous, productive, self-fertile, but produces bigger crops when planted with another variety.



MONTMORENCY CHERRY

2½-4 ft. 5.49 ea. 10 for 54.50
Universally recognized the best sour cherry for eating fresh, canning, baking and preserving. Bears large fruit very young. America's favorite hi-yielding cherry.

BLACK TARTARIAN CHERRY

2½-4 ft. 5.49 ea. 10 for 54.50
The big, almost black, sweet cherry everyone likes. Fine for eating, canning and freezing. Luscious cherries ripen in June.

EARLY RICHMOND CHERRY

2½-4 ft. 5.98 ea. 10 for 59.50
Sour cherry, bright red, juicy fruit. One of earliest sour cherry varieties. Strong, healthy tree.

BING CHERRY

2½-4 ft. 5.98 ea. 10 for 59.50
Sweet cherry, large, delicious, dark red fruit with rich, firm flesh. Excellent for eating, canning and preserves. Ripens mid-June.

APRICOT — Moorpark or Early Golden

2½-4 ft. 2.50 ea. 10 for 24.50
The Moorpark Apricot is a large yellow variety that is most widely planted. It bears in July and is of a supreme quality. The Early Golden Apricot is large and yellow which is better suited for the Southwest. It bears in early July and is freestone.

GROUND COVERS — 1 or 2 Years Old



ENGLISH IVY

4 to 8 in. 39¢ ea. 10 for 3.50
100 for 25.00 The English Ivy is an Evergreen Ivy. Excellent covering for stone, concrete, or brick structure. Luxuriant dark green foliage is very glossy; it thrives in dense shade. Good ground cover.

VINCA MINOR — Clumps

10 for 3.50 100 for 35.00
An old-fashioned popular vine for ground covering, growing well in the shade; useful also for porch and window boxes. The flowers are light blue color; the green leaves stay on all winter. Will grow under almost any condition.



SEDIUM, DRAGON'S BLOOD

10 for 2.98 Sedium makes a good ground cover and they are often used in naturalized situations. They have the characteristic of setting on or affixing themselves to rocks and walls. Give sedium a well-drained sandy soil that is well supplied with humus or rotted leaf mold.

CROWN VETCH

..... 20 for 2.98
Popular perennial ground cover that beautifies problem slopes and banks. Needs no maintenance or mowing. Thrives in any climate, in sun or semishade. Winter hardy, it provides effective erosion control, actually improves soil.

DWARF FRUIT TREES

DWARF ELBERTA PEACH

2½ to 4 ft. 2.79 ea. 10 for 27.00

DWARF RED HAVEN PEACH

2½ to 4 ft. 2.79 ea. 10 for 27.00

DWARF BELLE OF GA. PEACH

2½ to 4 ft. 2.79 ea. 10 for 27.00

DWARF GOLDEN JUBILEE PEACH

2½ to 4 ft. 2.79 ea. 10 for 27.00

DWARF METHLEY PLUM

2½ to 4 ft. 2.98 ea. 10 for 29.50

DWARF BURBANK PLUM

2½ to 4 ft. 2.79 ea. 10 for 27.00

DWARF MONTMORENCY CHERRY

2½ to 4 ft. 5.98 ea. 10 for 59.50

DWARF NORTH STAR CHERRY

2½ to 4 ft. 5.98 ea. 10 for 59.50

DWARF YELLOW DELICIOUS APPLE

2½ to 4 ft. 2.79 ea. 10 for 27.00

DWARF RED DELICIOUS APPLE

2½ to 4 ft. 2.79 ea. 10 for 27.00

DWARF YELLOW TRANS. APPLE

2½ to 4 ft. 2.79 ea. 10 for 27.00

DWARF RED JONATHAN APPLE

2½ to 4 ft. 2.79 ea. 10 for 27.00

DWARF WINESAP APPLE

2½ to 4 ft. 2.79 ea. 10 for 27.00

DWARF EARLY McINTOSH APPLE

2½ to 4 ft. 5.98 ea. 10 for 59.50

DWARF KIEFFER PEAR

2½ to 4 ft. 5.98 ea. 10 for 59.50

DWARF BARTLETT PEAR

2½ to 4 ft. 5.98 ea. 10 for 59.50

FLOWERING SHRUBS



HYDRANGEA P.G.

1 to 2 ft. 79¢ ea. 10 for 7.50
Mammoth flowers in August when few other shrubs are in bloom. The pinkish white flowers gradually deepen to a reddish bronze. The dried flowers are often used as winter bouquets. Fine for hedges, borders, groups or as single specimens. Very hardy. Ultimate height if not pruned, 5 to 6 feet.

BLUE HYDRANGEA

1 to 2 ft. 95¢ ea. 10 for 7.50
Large cool-blue blossoms throughout the summer amid green leaves. The more acid the soil, the deeper blue will be the color. Maintain soil acidity by using aluminum sulphate. Grows 3 to 4 feet tall in partial sun or shade.

FLOWERING QUINCE — Red

1 to 2 ft. 95¢ ea. 10 for 9.00
Low growing shrub with dark green foliage. Bright orange-red flowers from April to May. Spicy fruits make fine jelly. Stands drought well.

JAPANESE SNOWBALL

1 to 2 ft. 95¢ ea. 10 for 9.00
A rare and exceedingly beautiful species. Flowers in large globular heads, pure white, hanging long on the bush; a very choice and desirable shrub. Blooms in May. Ultimate height 8 feet.

BURNING BUSH

4 to 8 in. 65¢ ea. 10 for 6.00
In the fall the leaves turn a brilliant mirror-bright crimson. A 4 to 5 foot showpiece with unusual corky bark. Hardy in sun or partial shade.



PUSSY WILLOW

1 to 2 ft. 79¢ ea. 10 for 7.50
3 to 5 ft. 1.98 ea. 10 for 19.50
Large silvery catkins. Popular for indoor forcing in late winter and early spring as well as effective lawn and garden shrub.

GRAPE MYRTLE — Red, Pink

1 to 2 ft. 79¢ ea. 10 for 7.50
Strong growing shrub adapting itself to almost any soil and condition except in the northern section where temperatures often drop below zero. Does very well south of Philadelphia. Leaves bright green, the blooms are large panicles of crinkled little florets. Blooms late July and August. Ultimate height 5 to 6 feet.

RED BARBERRY

1 to 2 ft. 69¢ ea. 10 for 6.50
Foliage bright red in spring, dull red in summer and brilliant scarlet in fall. For best coloring, plant in full sun. Ultimate height 4 feet.

SPIREA VAN HOUTTIE — White

1 to 2 ft. 1.25 ea. 10 for 12.00
Common "Spirea" also sometimes erroneously called "Bridal Wreath". Seen everywhere, this plant is none the less graceful, if given enough room to grow naturally and pruned properly at the right time. Ultimate height 8 ft.

RUSSIAN OLIVE

1 to 2 ft. 75¢ ea. 10 for 7.00
2 to 3 ft. 1.49 ea. 10 for 14.50
Goy foliage covered with silvery dust. Large ornamental shrub. Orange berries in autumn. Ultimate height 20 ft.

FLOWERING SHRUBS



OLD FASHIONED LILAC
1 to 2 ft. 1.25 ea. 10 for 12.00
An old-fashioned favorite. Requires sunny spot. Makes a good screen planting.

AZALEA — Red, Pink or Purple
4 to 8 in. 79¢ ea. 10 for 7.50
By nature Azaleas are woodland plants. They love partial shade and acid soil. The roots, which are near the surface, should be kept cool and damp, and never allowed to dry out. Oak leaves are ideal for covering the ground beneath them. Azaleas can be supplied in colors of red, white or pink. Ultimate height 6 to 8 feet.



FORSYTHIA — Yellow
1 to 2 ft. 65¢ ea. 10 for 6.00
One of the most popular shrubs. Large bushy plants with sweeping, graceful foliage. In spring, before leaves come out, the plant is covered with bellshaped blooms of rich golden color. Ultimate height 8 feet.

WEIGELIA — Red
1 to 2 ft. 95¢ ea. 10 for 9.00
The red weigelia has a ruby-red shading and blooms all summer, pink blooms in April.

BUSH HONEYSUCKLE — Red
1 to 2 ft. 79¢ ea. 10 for 7.50
An upright shrub with a profusion of small, fragrant blossoms in May and June.

MOCKORANGE — White
1 to 2 ft. 69¢ ea. 10 for 6.50
This is the familiar "Mackarrange". It grows to 6 to 8 feet sometimes more. The flowers come in May and June. Very fragrant creamy white blossoms with a perfume that lingers on the air. A fine shrub, standing hardships well, even the smoke and dust of cities.

PERSIAN LILAC — Purple
1 to 2 ft. 99¢ ea. 10 for 9.50
One of the most famous Lilacs, with arching branches and very fragrant, pale purple flowers in rather loose broad panicles, opening late in spring. Ultimate height 6 to 8 feet.

EVERGREENS — 1 or 2 Years Old



RHODODENDRON — Collected
½ to 1 ft. 1.29 ea. 10 for 12.50
Rhododendrons are bushy evergreen shrubs with glossy leatherlike foliage. Grows best in partial shade. Use plenty of peat moss when planting Rhododendrons.



CANADIAN HEMLOCK — Collected
1 to 2 ft. 69¢ ea. 10 for 6.50
Young or old, the Hemlock is always a picture of gracefulness. Foliage dark green, lacy, close-set, drooping gracefully. The best large evergreen in heavy shade. Makes beautiful hedge.

MOUNTAIN LAUREL — Collected
½ to 1 ft. 69¢ ea. 10 for 6.50
A very handsome spreading broadleaf. Leaves are dark, glossy green. A very useful landscape plant.

BLUE RUG
4 to 6 in. 1.29 ea. 10 for 12.50
Low trailing juniper with intense silver-blue foliage. May reach 6 inches in height. Useful in rock gardens, planters, and bank planting.

DWARF BURFORDI HOLLY
½ to 1 ft. 1.29 ea. 10 for 12.50
Very slow growing, compact, miniature form. Spring bloom is followed by red berries.



COLORADO BLUE SPRUCE
½ to 1 ft. 79¢ ea. 10 for 7.50
Rated the most popular and valuable evergreen. Impressive color and perfect pyramidal shape adds beauty and value to any property.

NORWAY SPRUCE
½ to 1 ft. 79¢ ea. 10 for 7.50
One of the best known and one of the hardiest of all spruce. Conical in habit with dark green foliage. Does well in rather sterile soil and withstands the blast in cold exposed locations.

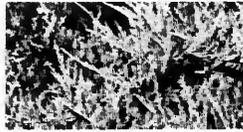


WHITE PINE
1 to 2 ft. 65¢ ea. 10 for 5.00
Has soft blue-green needles in a cluster. Ideal for screen or windbreak.

SCOTCH PINE
½ to 1 ft. 79¢ ea. 10 for 7.50
Favorite with Christmas tree and ornamental growers. Has short blue-green needles, medium growing specie.



BOXWOOD
½ to 1 ft. 55¢ ea. 10 for 5.00
An excellent plant to line driveways or borders; its small dark green leaves create dense foliage.



PFITZER JUNIPER — Low Spreading
½ to 1 ft. 99¢ ea. 10 for 9.50
Informal spreading evergreen plant with beautiful plume-like branches. Will stand considerable shade. Useful in foundation planting or rock garden work. Ultimate height 2½ feet.

ANDORRA JUNIPER
½ to 1 ft. 99¢ ea. 10 for 9.50
Grayish-green foliage in summer, turning to a lavender-archid color in the late fall, which prevails throughout the winter; dwarfish in growth, clinging snugly to ground. Ultimate height 2 ft.

JAPANESE YEW — Taxus, Spreading
½ to 1 ft. 99¢ ea. 10 for 9.50
Dark green foliage at all seasons of the year. Grows broader than tall.



RED OR YELLOW BERRY PYRACANTHA
½ to 1 ft. 99¢ ea. 10 for 9.50
Beautiful evergreen foliage with clusters of yellow berries in fall.



BURFORDI HOLLY
½ to 1 ft. 99¢ ea. 10 for 9.50
It carries the beautiful foliage year round with a plentiful supply of big bright red berries in winter.



WAX LEAF LIGUSTRUM
½ to 1 ft. 35¢ ea. 10 for 3.00
The Wax Leaf Ligustrum is the spreading grower with thick glossy leaves. Grows swiftly into a large dense shrub. Small white flowers are followed by clusters of blue berries. Ultimate height 6 feet.

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FALL: October 1 - December 1

ALL OTHER STATES

SPRING: March 1 - May 1
FALL: Sept. 25 - Dec. 1

Our plants are nursery grown from cuttings, seeds, or budded stock unless otherwise stated. These have never been transplanted. Plants are inspected by the Tennessee Department of Agriculture. This gives you a chance to buy at lower prices. You may order as many or as few plants as you wish. Send \$2.50 extra with order for postage and packing. **RUSH YOUR ORDER TODAY! TWO-WAY GUARANTEE:** We ship live plants packed well to reach you in perfect condition. However, sometimes a package gets lost and stays in transit a long time. In this case, in the Fall and Winter when plants are dormant, you can scrape on the bark and tell whether the plants are alive or not. If the bark is green, it is alive. We believe we have the best guarantee any mail order nursery could possibly offer. Here is our two-way guarantee. First guarantee — When you receive your order, if there are any plants in bad condition, you notify us immediately and we will replace absolutely **FREE**. Second guarantee — The reason we make this strong guarantee is because there is no reason any of the plants should die. However, if any fail to live within 12 months from the date of delivery, we will replace for one-half of the original purchase price, plus \$1.00 for postage and handling. No return of dead plants necessary. We guarantee our plants to be true to name and color. Anything that proves to be wrong color or variety, we will replace free.

— NOTICE —

If in doubt about any of the plants listed in this advertising growing in your area, please check with your County Agent for advice.

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When his grandfather gave him a single-barrel shotgun well over 40 years ago, N.R. (Norman) Reid had no idea what that gun would start. Now, a gun display of more than 300 firearms is just a part of the extraordinary collection of primitives and antiques in Reid's Indian Hill Museum near Bone Gap in Edwards County.

"I started out with that first shotgun on the right," Reid says, as he points toward a wall covered with the collection. "It's an old 'white-powder wonder' sold by Sears and Roebuck for \$3.75 in 1903," Reid explains.

The collection of rifles, pistols, shotguns and muskets takes up part of the north wall of Reid's museum, located north of Albion about one and one-half miles east of Illinois 130 on the Bone Gap Road. The rest of the 66-by-80-foot building is packed with items that range from Indian artifacts to a mechanical record player that Reid believes dates back more than 120 years, to Civil War times. The museum is in the service area of Wayne-White Counties Electric Cooperative.

The museum is testimony to Reid's

40-plus years of gathering.

As he shows a visitor artifacts in the 10,000-piece Indian rock collection, Reid explains, "I started picking up arrowheads when I was about seven years old. I'd be driving a team of horses, or harrowing, or cultivating, and I'd see an arrowhead. I'd stop and pick it up. First I had a match box full, then a cigar box full, then an egg case full, then I had a house full."

The arrowheads weren't the only things filling up the house, and the basement, and a barn. Reid was collecting all the other stuff that is on display in the museum or being restored or awaits restoration. It was this space problem that helped Reid and wife Sandy launch the museum idea. For years they sorted, cleaned, rebuilt and restored the home and farm tools, furniture and equipment that now make the museum a lesson in history.

The Indian rock collection dates to 10,000-12,000 B.C., Reid says, and his descriptions of various items illustrates his interest in this part of the museum's accumulation.

Reid talks of stone pipes, game

balls, ceremonial pieces, hoes, shovels, food preparation utensils, bowls for medicine mixing, projectile points for hunting, and even rocks designed to be heated for warmth during cold nights.

"Rocks tell the way of life," Reid says, adding that most came from the farm which derives its name from the nearby hill that was the site of an Indian village. Most of the artifacts in the collection are from Edwards and neighboring counties, and the largest part from the Indian Hill area, Reid says.

The gun collection gets a lot of attention, as it should. Reid starts pointing to the firearms-covered wall and rattles off the pieces of the collection: Pennsylvania and Kentucky long rifles, Sharps buffalo rifle, Hawkins muzzle-loading rifle, 28-pound buffalo rifle, 25-caliber muzzle-loading squirrel rifle, blunderbuss, muskets, a batch of Winchesters and Springfields, and a bunch of shotguns by Parker, Stevens, Baker, Ithaca, Colt, Remington and Hamilton.

Reid says "About every type of Winchester built" is in his Winchester series, from the first through those

Indian Hill Museum

Collector ties present with

Exterior of Indian Hill Museum



Inside is packed.



made up to the 1940s. He says one is a model 73 that came from the battlefield at Little Big Horn.

Reid will go to show off his Civil War rifles, including the Spencer seven-shot, rim-fire repeating rifle.

The museum has been open since July 31 last year. The construction of the building incorporates Reid's interest in history. After a local metal-building company put the frame work up in 1982, Reid took over: "I finished it up by tearing down seven area barns and one two-story mansion to get the lumber." The barn boards are used along the walls, and the beams from the old mansion run across the ceiling.

For the grand opening, more than 500 people attended the first day. There is no admission charge, but there is a place for donations; Reid says he would like for donations to cover insurance and utilities. Most of the items in the museum belong to the Reids. As area people learned of the growing collection and Reid's interest in restoration, many have provided primitives and antiques for Reid to display.

Clockwise from bottom: Gun collection is one of nation's best. Reid demonstrates draw knife technique. Samples of outstanding Indian artifacts. Indian rock fish hook. Sandy Reid with the unique 120-year-old mechanical record player.



the past



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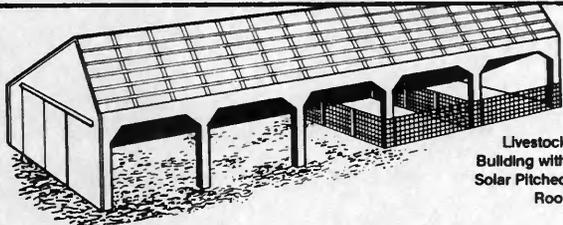
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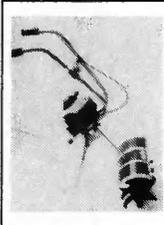
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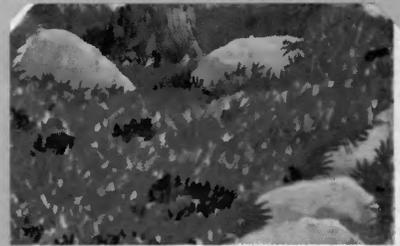
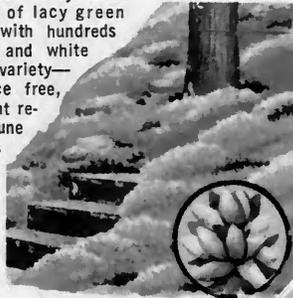
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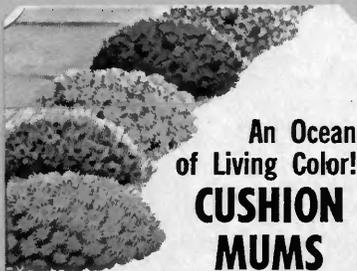
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