

SAVE HUNDREDS OF \$\$\$

Finally a NEW and IMPROVED SEPTIC TANK CLEANER IS HERE PREVENT & STOP ALL TANK & DRAIN LINE PROBLEMS

ACT NOW! AVOID:

- Costly expenses
- Re-doing drain fields
- Clogged drains
- Pump outs
- Wet spots
- Offensive odors

The miracle answer has been discovered

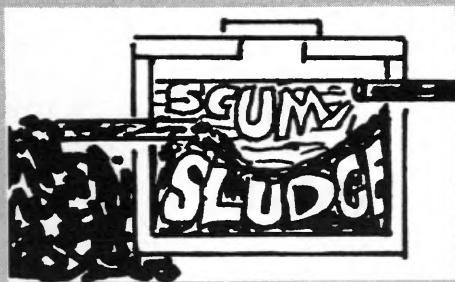
SEPTI-CLENE THE Problem Solver!

SEPTI-CLENE saves money and inconvenience by doing away with pumping out septic tanks periodically. A small amount of SEPTI-CLENE converts all wastes into liquid. It will help clean the lines leading to the septic tank. It goes to work immediately, digests the solids, cleans the walls and then travels to the drain fields. It opens the earth and lets the earth percolate.

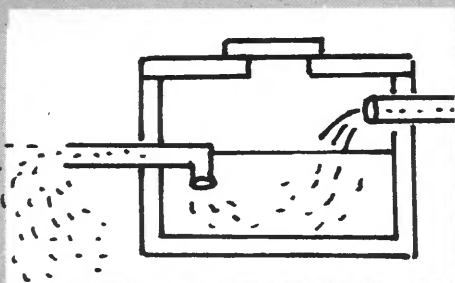
**Keep Your Septic Tank and Cesspool
In Great Shape Use SEPTI-CLENE**

**For more information CALL
1-800-544-4074**

Septic Tank
Before



Septic Tank
After



Drain lines
Before After



A drain pipe loses 1/2 of its diameter in 5 years due to organic build-up.



SEPTI-CLENE will restore the pipe to original after a few months of treatment.

100% Guaranteed

OR Mail in Coupon to:

Krane Products Inc., P.O. Box 521
Larchmont, NY 10538

I am interested in more information on **SEPTI-CLENE**

Name _____

Address _____

Town _____ State _____

Zip _____ Telephone _____

How many septic tanks? _____



Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Would YOU be ready?



When you live in this area, you just naturally expect frosty winter weather. Sometimes it might be a teaser, but another time it could be a major event.

Shelby Electric Cooperative has a very strong and reliable system, but even the best-built system can be damaged by a bad storm, resulting in power outages. This can happen in summer as well as winter.

We want you to be prepared the next time Mother Nature lashes out. Here are a few tips to see you through an extended power outage.

1. Things to keep on hand

A. Light sources

1. Flashlights and extra batteries
2. Candles
3. Kerosene, propane or oil lamps

B. Food and Utensils

1. Canned goods that require no cooking or other "shelf" foods (peanut butter, crackers, powdered

milk, dry cereals, tuna, for example)

2. Manual can opener
3. Paper plates and plastic "silverware"

C. Battery-powered radio for weather reports

D. Wind-up or battery-powered clock

E. Extra blankets

F. Water containers

2. Staying warm

A. A backup heat source should be available. Make sure you know how to use it safely, paying special attention to fire hazards and dangerous fumes.

B. Several lightweight layers of clothing (or blankets) should keep you warmer than one heavy piece. Thermal underwear is good.

C. Pick one room in your house to gather as much heat as possible. Unless you have a fireplace or woodstove, select a room on the sunny side of

the house, preferably one with only one outside wall.

D. Curtains should be left open during the day to let the sun help warm the room.

3. When your power comes on

A. When your power has been off for a while, you will naturally want to get back to normal as soon as possible. But a sudden, heavy demand on the system will cause the electricity to go back off. You can help avoid this situation.

B. When the power goes off, turn off as much as possible, such as lights, television, freezer, water heater, etc. Then when power is restored, gradually turn appliances back on.

We appreciate your patience and understanding when an outage does occur. And, you can be sure that every effort is made to provide you with the best possible electric service.

During a power outage . . . **Your response helps ours**

When you call your electric cooperative to report an outage, chances are that you'll receive a busy signal. Members served by the same power line or substation that serves you will also be phoning in their reports . . . and that could mean dozens or even hundreds of incoming calls. We realize it can get a little frustrating to call your cooperative repeatedly and continue getting a busy signal. But we ask your patience and understanding . . . and your help.

You see, the more calls we receive from members, the easier it becomes for us to determine the extent and source of the outage and the faster we can dispatch our crews . . . Besides, you shouldn't assume that your neighbors have reported the outage. They may have phone trouble or might not even be home. And waiting to report an outage could mean unnecessary delays in having your service restored.

We do ask that you check your breakers and fuses before you phone us. If they're okay, call your neighbor to see if his power is off. Then call your cooperative and be prepared to provide us with the information we need to help locate you and the possible problem.

We regret the inconvenience caused by an electrical outage—whether the cause is a vehicle accident, a trespassing raccoon or a severe thunderstorm—but with your help, those of us at the other end of the telephone line will do everything possible to restore your electric service safely and quickly.

- To report outages during office hours, call:
774-3986**
- To report outages after hours (nights, weekends,
holidays), call: 774-3986**
- Please give your account number when reporting
your outage. Example—S714-5.**

Shelby Electric Cooperative
Telephone 774-3986

Let us know if lines are low

In 1901 Congress passed a bill creating the National Bureau of Standards. The purpose of this Bureau was to create standard guidelines for a variety of industries. The **National Electrical Safety Code** was created as a guide to electrical industries. This code has recommendations ranging from the grounding of equipment to the clearance of electric lines above the ground.

The minimum ground clearance for electric lines that agriculture equipment will cross is 18 feet. This is the same height that is needed to cross public roads subject to truck traffic.

always constructs electric lines to exceed the minimum requirements of the Safety Code. However, Father Time and Mother Nature have a way of reducing the ground clearance of some lines. If you know of any of your cooperative lines that are less than the above requirements, please let us know so that corrections can be made.

The minimum ground clearance for electric lines that cross residential or commercial driveways not subject to truck traffic is 15 feet.

The minimum ground clearance for electric lines that cross railroad tracks is 27 feet.

Electric use usually up during winter

Why do we use more electricity during the winter months?

That is a question we often receive this time of year; and although we have ideas as to why one's usage may be higher than usual, we do not know specifically why a particular individual's electric energy usage is up. We do not know because we are not the ones who used the power.

Even though the individual asking the question is the one using the power, he does not always know where he used it either. This is because we use electricity for so many things so many times a day we take it for granted and are not really conscious of the fact that we are using it.

For those who may be questioning why their electric energy usage is up in the winter months, we will list some of the easily overlooked uses for this time of year:

1. Holidays—Thanksgiving, Christmas and New Year's Day—cooking and baking.
2. More use of lighting because of the shorter daylight period.
3. Most heating systems require the use of electric power and run almost continuously during extremely cold periods.
4. Many use space heaters here and there in their homes and buildings.
5. Stock tank heaters and fountains are in use.
6. Engine heaters are being used for cars and tractors.
7. Electric blankets and heating pads are being used more.
8. Clothes dryers are used more, and those in unheated rooms use more energy.
9. Forgetting to shut a light or turn an oven off and discovering it several hours or a day or two later.
10. Christmas tree and outdoor lights are left on during the evening.

Smoke detectors save lives —but only if they work

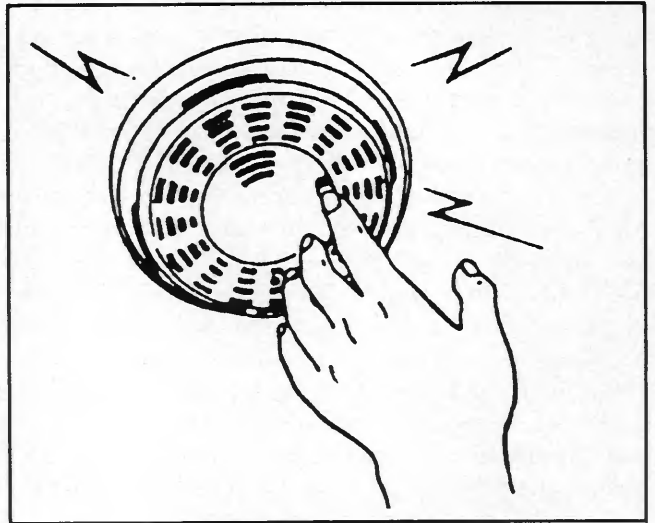
A large percentage of American homes are equipped with smoke detectors, but many of them don't work.

To be sure that your smoke detector will warn you of a fire as early as possible, test your home's smoke detectors regularly to make sure they work and replace their batteries at least once a year. Make sure there's a smoke detector on each floor of the house, and place them near the bedrooms, either on the ceiling or four to six inches below the ceiling on the wall.

Properly installed and maintained, the home smoke detector is one of the best and least expensive precautions available against the health-damaging effects of smoke and fire. The risk of dying from a fire in a home with no smoke detector is twice as high as the risk in a home with a working device.

Home fire deaths dropped 17 percent between 1978 and 1983, a trend coinciding with increased use of smoke detectors and flame resistant materials.

Home fires are no small threat. More than 40,000 individuals are injured or killed by home fires each year. Most often the injuries are related to smoke and occur in the night when the victims are asleep. Rural residents are three times more likely to die



from a fire than urban or suburban dwellers.

Smoke detectors can warn of impending fire, but precautions can limit the chances of a fire starting at your house. If you have a woodstove, fireplace or space heaters, find, read and follow all manufacturer's recommended precautions.

For more information on smoke detectors and fire hazards, call the U.S. Consumer Product Safety Commission hotline: 800-638-2772.

—Rural Electric News Service

Illinois law requires smoke detectors

Illinois law requires that every dwelling unit have smoke detector protection. These smoke detectors should be either the ionization or photoelectric type and approved by Underwriters' Laboratories.

Every dwelling must have at least one approved smoke detector in an operating condition within 15 feet of every room used for sleeping purposes. The detector should be installed on the ceiling at least six inches from any wall or on a wall four to six inches from the ceiling. Every single-family dwelling unit must have at least one smoke detector installed on every floor of the structure, including basements but not including unoccupied attics. In multiple-family or mixed-use units the owner is required to supply and install all smoke detectors, including those inside each living unit and at least one smoke detector at the uppermost ceiling of each interior stairwell.

If your home was completed before the end of 1987, you may use either battery-powered units

or AC-powered units. If your home was completed or substantially remodeled after December 31, 1987, you must have AC-powered units only. And if your new or remodeled dwelling requires more than one smoke detector, you must have them wired in an interconnected manner so that the actuation of one detector will create warnings at all detector locations.

Violation of the law is a Class B misdemeanor.

The law specifies minimum numbers of smoke detectors and establishes required locations. There may also be other locations in your home where smoke detectors would be appropriate. Fire safety experts say you should install detectors in several locations, such as near bedrooms, in hallways, living areas, and basements. If you have any questions about smoke alarms, contact your insurance company. Your electric cooperative may also have information about smoke detectors, and many cooperatives in the state have top-quality smoke detectors for sale at reasonable prices.

If single-glazed windows are used, any gains in heat from the sunlight will be offset by excessive heat loss through the glass, particularly at night.

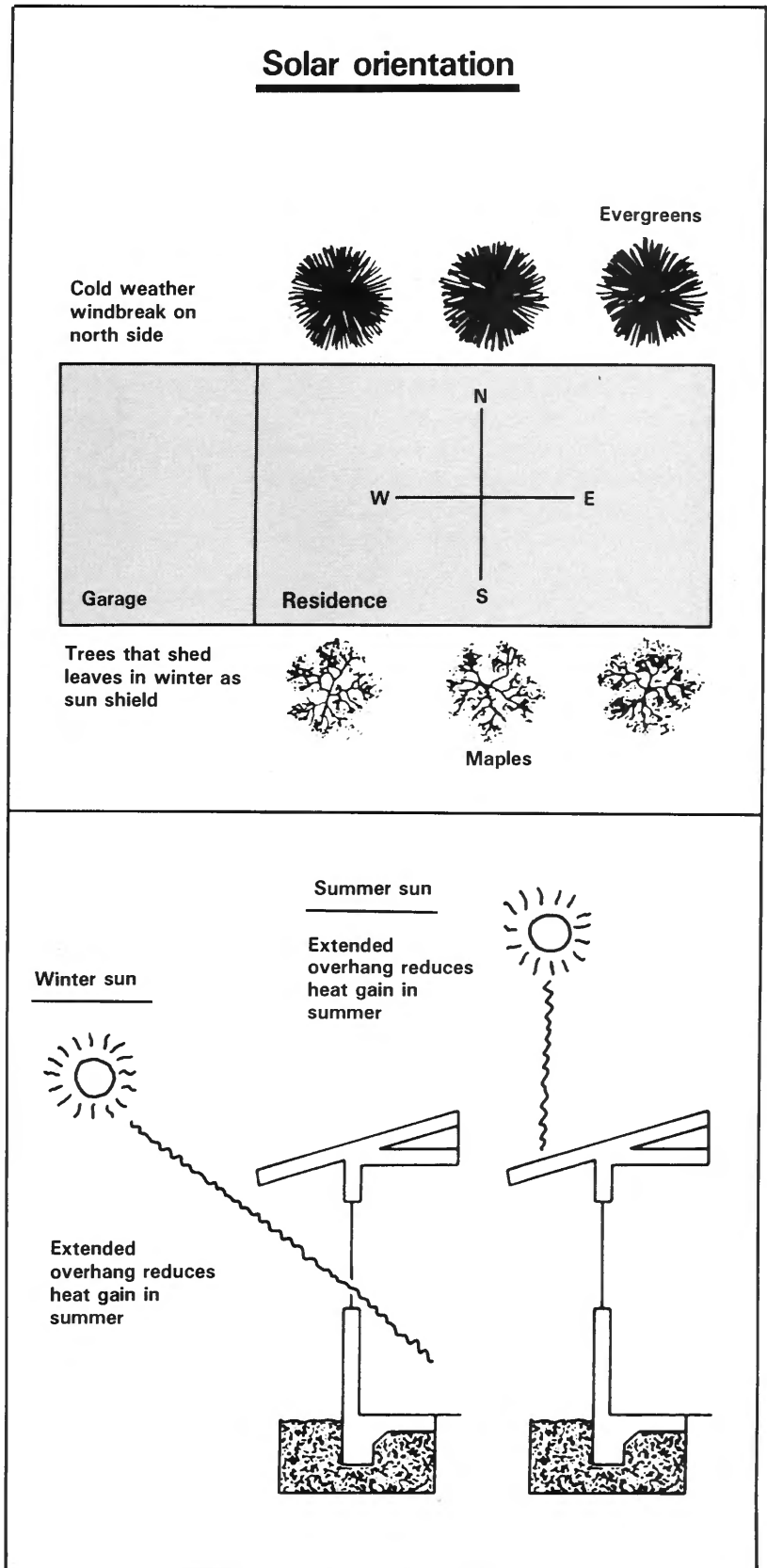
Can sunlight on east or west windows be controlled by orientation? The answer is no. In winter the sun rises late in the southeast and sets early in the southwest and, therefore, very little sunlight enters east and west windows.

In summer the sun rises early in the northeast and sets late in the northwest. Due to the sun's angle in the morning and evening, a large amount of sunlight strikes the east and west walls. And, it is very difficult to shade east and west windows, which results in higher cooling costs. For these reasons, windows on the north (little sunlight available), east and west should be eliminated where possible, or at least be reduced in size to reduce your operating costs.

Other methods include stacking your home (two-story) in lieu of spreading it out (single-story) to reduce exposed surface area. Locate the garage on the northwest or west side of the home to reduce the effect of cold westerly winds in the winter and hot afternoon sunlight in the summer. Keep as much of the basement below ground as possible and design walkouts for southern exposure.

Solar orientation usually adds very little to the cost of a house, and most houses can be oriented without regard to the location of the front or side street in relation to the house.

After a house is constructed, neither its orientation nor its wall thickness can be economically altered. Therefore, superinsulation and solar orientation must be planned before construction begins, in order to achieve maximum energy efficiency.





Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS



Hatfield, licensed by the State of Illinois, is considering introducing a hybrid bass into the cages in the near future.

Hatfield Catfish Farm

Ron Hatfield has an advantage over many farm owners. When he wants a pond, he drives his dozer down the lane and builds one! He is in the commercial bulldozing business. About three years ago, Hatfield, of near Shelbyville, became interested in raising catfish in a unique way.

Conventional catfish farms consist of the fish swimming free in ponds. In order to harvest fish, the entire pond must be seined. Hatfield's idea of farming cage-raised catfish developed about three years ago. A trip to a south Georgia operation provided the needed information for him to begin his project.

He builds cages of PVC pipe for

flotation. The sides are of a plastic mesh. Each cage is four feet deep and four feet wide by eight feet long. He can raise approximately 1,000 pounds of fish per cage. To stock the cages, he buys 8-to-10-inch fingerling channel catfish from commercial sources. He stocks his cages in March. Hatfield explains that he likes to introduce the new fish into cold water because catfish are sensitive and go into shock easily. The cold water reduces their activity and lessens the chances of injury from panic in the new environment, he says.

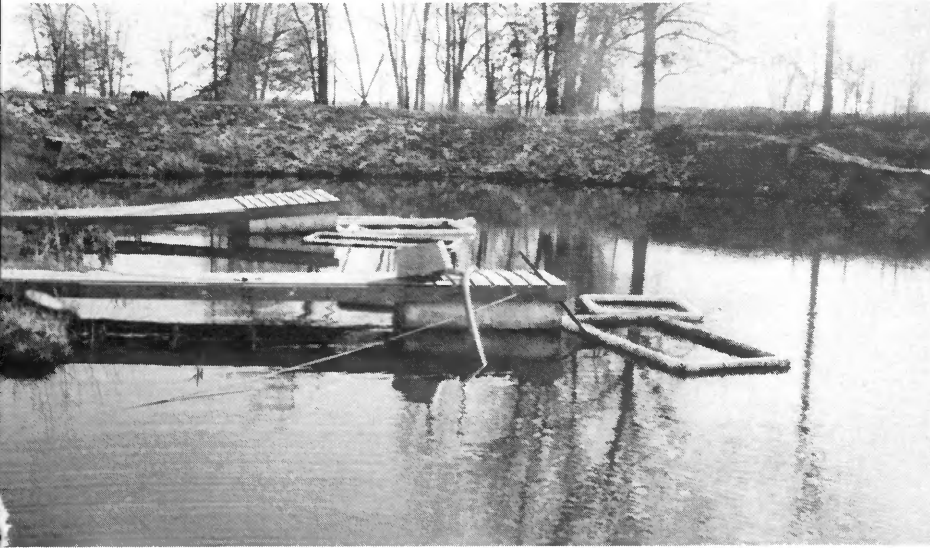
The Hatfield fish are fed a commercial feed that contains (among other substances) corn, soybean meal, meat and bone meal, fish

meal and several vitamins. It is a floating feed that allows the grower to see how well the fish are eating. Hatfield explains that his fish do not eat in the winter because their activity is slowed and they can live on their stored body fat.

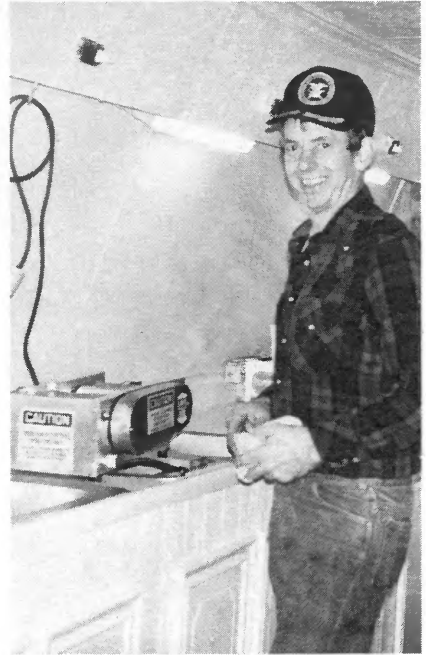
They will usually start feed-

Noon payment hours

For your convenience, the cooperative office will again be open over the noon hour (to accept payments only). Office hours are now 8 a.m. to 5 p.m., Monday through Friday.



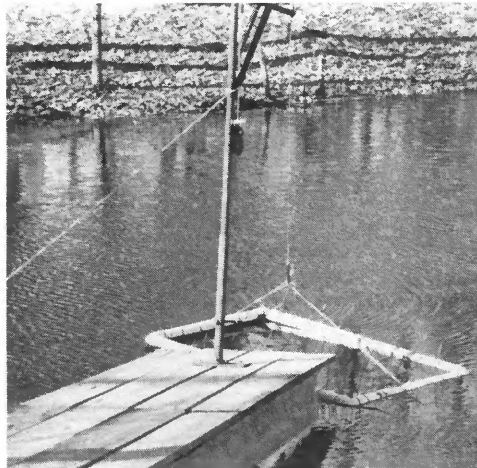
in all areas of the ponds lies fallow. Therefore, there is no danger of chemical



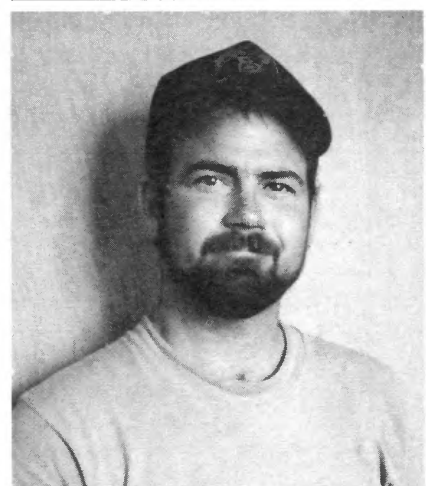
A clean, modern way of preparing the fish for sale



in farming makes it easy to harvest
unt of fish any time of the year.



A hoist makes easy work of harvesting
fish from the cages.



Bryson

New employee

We at Shelby Electric apologize to Cary Bryson for the time passed in welcoming him as a new employee of the Cooperative. Cary joined the work force July 14, 1989, as a groundman, and has been working with construction crews since that time. Before joining Shelby Electric, he was employed by Rocky Mountain Communications, working on cable television installations in such places as Alaska, Hawaii, Montana, Oregon, and many other colorful locations across the country. A bachelor, Cary has many hobbies, including fishing, hunting, horseback riding and scuba diving.

ing when the water temperature reaches 55 degrees. In the warm weather, they are fed twice daily—in the early morning and evening. It takes 1.75 pounds of fish food to produce one pound of meat.

In Hatfield's five ponds (totalling 10 acres of surface water), he has approximately 40 cages containing more than 16,000 fish. He explains a few advantages of the cage-raising system: "Harvesting is so much easier—you can remove from one fish to an entire cage without seining a whole pond. The fish eat only what food is given them. They cannot feed on the bottom, making the meat very mild. There is no strong fish smell when dressing the channel cat. Of course, we can harvest our fish any time of year, as the cages never freeze over

completely."

Usually Hatfield raises his fish to one-pound weight. Dressed out, they will weigh approximately three-fourths of a pound. The Hatfields, Ron and his wife, Sue, have built the dressing station in one of their outbuildings. They explain that it is the only Health Department approved station in this area. It is a clean, modern facility complete with an automatic skinning machine, refrigeration and freezers. The Hatfields sell their fish dressed out or live weight. They do not wholesale at this time.

If you are a lover of one of America's favorite foods, you might want to contact Ron or Sue Hatfield or stop by their farm for a look at a revolutionary way of raising channel catfish.

Experts Report... Once Established... Water Just Once A Week... Be Absolutely Amazed As All Growing Season Long—Week In, Week Out... Compared To Even The Majestic Black Spruce... **WONDER SHADE TREE...**

ZOOMS TO THE SIZE OF A 15 YEAR OLD TREE IN JUST ONE SINGLE YEAR!

YES, ROOF-HIGH IN JUST ONE YEAR!
and keeps on skyrocketing 30-40-50 EVEN UP TO 60 FEET HIGH OR MORE in less time than most trees nudge themselves a few feet off the ground.

IT'S ALMOST LIKE GROWING INSTANT SHADE

Actually Soars Into A Magnificent Tree IN JUST ONE YEAR!

Yes! Based on amazing growth rates reported by plant scientists—it grows SO FAST... arches out SO WIDE... you can actually take a ruler and measure the incredible difference in height every 2 to 3 days! OR, to really leave your neighbors gasping in awe and wonder, give them a yardstick and let them measure the difference IN FEET every 2 to 3 weeks!

Yes, goes on to thrust itself so high, so fast that it actually towers over even a Japanese Red Maple, Cherry Tree or even the most graceful silky willow in such a ridiculously short time you will simply refuse to believe your eyes! Think of it!

GROWS MORE IN JUST ONE MONTH THAN MOST TREES GROW IN AN ENTIRE YEAR!

Because according to plant experts, Govt. scientists and Botanical Gardens who researched this wonder-hybrid... once established, you merely water it once-a-week, and be absolutely floored as, during its SUPER-SOARING growing season, it GROWS AS MUCH AS A FULL 1/2-FOOT WEEKLY AFTER EVERY TIME YOU WATER IT!

That's right! Grows higher than even a full grown Flowering Dogwood IN JUST ONE SINGLE SEASON! Grows higher than even a full-grown Star Magnolia IN JUST ONE SINGLE YEAR!

PLANT NOW—REACH OUT AND TOUCH ITS LUSH, THICK BRANCHES FROM YOUR SECOND STORY BEDROOM WINDOW BY THE NEXT SUMMER!

No doubt about it. There's just not another "instant" Shade Tree like it on this planet! Because thanks to this miracle of plant science, instead of spending a small fortune on a tree and then waiting half a lifetime for it to grow... get set for the garden-wonder of your life as this super-soaring hybrid rockets forth from a prize nursery-grown plant to a tower of roof-high beauty in less time than you ever dreamed possible.

GROWS IN VIRTUALLY ANY SOIL—REQUIRES NO SPECIAL CARE—SOARS INTO A MASTERPIECE OF BEAUTY IN JUST A MATTER OF MONTHS!

Best of all, unlike most trees that demand constant care, constant pampering... about the only thing you do after you plant this super-growing wonder-hybrid is water it and enjoy it! That's why leading botanical gardens... landscape artists... garden editors... can't stop raving about its indescribable beauty... its trouble-free care... its surging, towering growth.

Small wonder that leading experts hail it in the most glowing terms... recommended it again and again for homeowners who want a stunning display of beauty... both a wind and privacy screen and deep, cool shade... and with practically no more work than a thorough watering each week!

VITAL STATISTICS FROM LEADING EXPERTS

MATURE GROWTH SIZE: as much as 40 to 65 feet

MATURE SPREAD: as much as 30 to 35 feet

ZONE OF HARDINESS: Hardy from the deepest South to as far North as Vermont, Minn., Quebec, British Columbia. Winter Hardy in areas where temp. drops as low as 30 degrees below zero.

LIGHT NEEDS: Grows beautifully in Sunny location.

DECORATIVE MERITS: Highly recommended by landscape architects as beautiful decorative specimens for homes, parks, highways, etc., where exceptional fast growth and beauty are required. Perfect for fast screening and privacy.

RAPID RATE OF GROWTH: Experts report growth rates on specimen trees that measure up to 8 FEET THE VERY FIRST YEAR ALONE. That's more than most shade trees grow in 3... 4... 5... even 7 years. Yes, once established will grow ranch-house-roof high IN JUST ONE SINGLE YEAR, that's right!—The very next year after planting! Experts also report it soars an amazing 5 to 8 feet each year for YEARS thereafter. Naturally results are based on optimum growing conditions. Takes but 10 minutes to plant and normal care rewards you with a lifetime of beauty starting this very year.

CARE: Nothing special—just normal garden care. Water fully once weekly. Naturally resistant to most diseases, pests or insects.

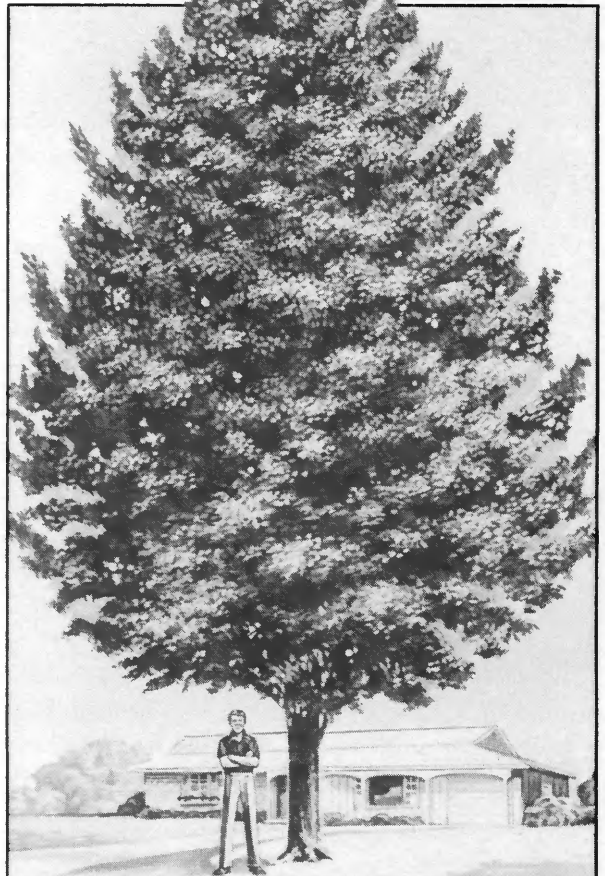
WE HAVE AT THIS MOMENT ONLY A LIMITED SUPPLY AVAILABLE FOR RELEASE TO THE PUBLIC... FULL SUPPLY WON'T BE READY UNTIL LATE 1990 SO ACT NOW!

Now the price of this super growing shade tree is not \$20 or \$30 as you might expect, but a mere \$3.95!

That's right, only \$3.95 for this magnificent Beauty that rewards you with such a glorious display of growth IN JUST ONE SINGLE YEAR. However, our supply is limited! Full supplies from the growing fields will not be ready until late 1990 or early 1991. Therefore, all orders must be shipped on a first-come, first-shipped basis. To make sure you don't miss out... ACT NOW!

SATISFACTION GUARANTEED OR MONEY BACK!

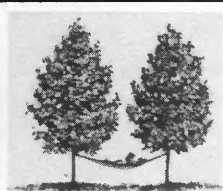
Remember: Satisfaction is fully guaranteed. You must be thrilled in every way with this spectacular f-a-s-t growing shade tree or RETURN AT ANYTIME within 90 days for a full refund of purchase price... ANYTIME within 1 year for free replacement. Could anything be fairer? Now is the time to order and replant—so send no-risk coupon today!



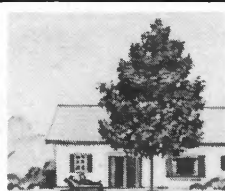
Grows More in One Month Than Most Other Shade Trees Grow in An Entire Year—More in One Season Than Ordinary Shade Trees Grow in 2 Years, 3 Years or Even 5 Years! (Illustration shows magnificent size, spread and beauty of mature Populus hybrid-fam. Salicaceae.)

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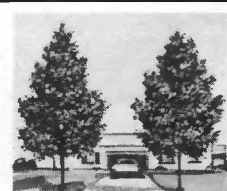
JUST MINUTES TO PLANT—REWARDS YOU WITH A LIFETIME OF BEAUTY!



Here's a luxurious sight you don't have to wait half a lifetime growing—a matched pair of these towering show-pieces.



Picture your patio bathed in the cool beauty of this show-stopping miracle tree from early spring to the first snows of winter.



Just a few minutes planting time—a few seasons' growing time, rewards you with twin towers of beauty.

MAIL NO-RISK COUPON TODAY

**Gardeners' Choice®, P.O. Box 237, Dept. SA50-EL
County Rd. 687, Hartford, MI 49057**

Yes, please send me for proper planting time in my area the SUPER GROWING HYBRID(S) indicated below:

- (#001) 1 for only \$3.95 plus 75¢ postage and handling.
- (#002) 2 for only \$6.95 (SAVE OVER \$1.00) plus \$1.00 postage and handling.
- (#004) 4 for only \$10.00 (SAVE OVER \$7.00) plus \$1.50 postage and handling.
- (#010) 10 for only \$20.00 (SAVE OVER \$20.00) plus \$3.00 postage and handling.
- (#020) 20 for only \$30.00 (SAVE OVER \$55.00) plus \$5.00 postage and handling.

If after receiving my order I am not fully delighted, I may return anytime within 90 days and you will refund my purchase price in full (less postage and handling, of course).

Total amount enclosed \$ _____ CA, NY, MI, residents please add sales tax. No. C.O.D.'s please.

Name _____

Address _____

City _____ State _____ Zip _____



Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Ice storm highlights need to trim trees

Dear Members:

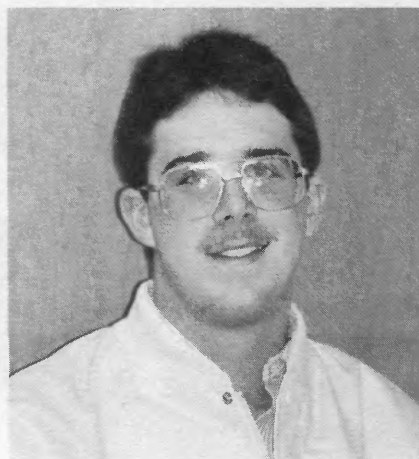
On these pages, you will see a few examples of what an ice storm can do to our system and to your service. On Valentine's Day (February

14), our northern and northwestern territories were hit by ice. We had many scattered outages across the area. Our crews worked all night and most of the next day to restore power. As always, our members were very patient and understanding of the problems our men were facing.

I went out with the men and drove the lines, spotting trouble in most of the area. What I saw the most of was lines downed by falling trees and limbs. We all know what the weight of ice can do to a tree. We hope you will help us prevent further instances of downed lines. Please allow us to trim your trees. Our servicemen will be working whenever possible clearing trouble spots and trimming limbs. If you feel you have a potentially dangerous situation, bring it to our attention. Your report will be added to our trimming file: and the men will give your request attention when they are in your area. I am sure you understand that we cannot do any "cosmetic" trimming—nor any special favor trimming. We must make the most of our limited time by clearing lines and service wires only.

In conclusion, I would like to thank you, them member for your help and understanding. I would also like to thank the Cooperative personnel for another job well done!

Jim Coleman
Manager



Miller

New employee

John F. Miller joined the outside work force in the capacity of groundman on February 12 of this year. A 1987 graduate of Shelbyville High School, John completed two years of schooling at Lake Land College, Mattoon. Before joining Shelby Electric, he was employed by Funks Seed Corn in Shelbyville. A bachelor, John enjoys hunting and fishing in his spare time.

Statement of nondiscrimination

It is the policy of Shelby Electric Cooperative to assure that no person in the United States shall, on the ground of race, color, national origin, age, sex, or on the basis of handicap, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the conduct of its business and the operation of its facilities. Under this assurance, this organization ins committed not to discriminate against any person on the ground of race, color, age, sex, national origins or on the basis of handicap in its policies and practices relating to applications for service or any other policies and practices relating to treatment of beneficiaries and participants including rates, conditions and extension of service, us of any of its facilities, attendance at and participation in any meetings of beneficiaries and participants or the exercise of any rights of such beneficiaries and participants in the conduct of the operations of this organization.



William E. LeCrone

"Shelby Electric Cooperative is saddened to announce the death of former Manager, William E. LeCrone. Mr. LeCrone passed away Monday, February 19, following a stroke suffered in his home. We extend our deepest sympathy to Mrs. LeCrone and the family. An employee of the cooperative since 1944, LeCrone served as manager from January 1, 1973, until his retirement on January 4, 1989. He will long be remembered for his dedication to this Cooperative."

Trees and power lines—a bad mix ²⁹



These trees had to be trimmed in order to restore service to the nearby home, and residences all down the line.



A future problem: These overhanging limbs will soon be in the service wires. Help us prevent a problem. Notify your Outside Operations office so we can schedule trimming when time permits.



These wires are in danger from broken limbs resting on the line. Trimming could have prevented this power loss.



Young trees growing up into lines represent a present and future problem.



Will this sign greet visitors to your town?



Home town awards program honors community effort

Has your home town become a better place to live, work, play or conduct business? If so, the Governor's Home Town Awards Program wants to hear about your town's improvement efforts.

The Illinois Department of Commerce and Community Affairs, the Governor's Office of Voluntary Action, the Illinois Department on Aging and corporate sponsors are calling for entries in the ninth annual Governor's Home Town Awards Program. For the first time since its inception, the program has two corporate sponsors, Illinois Bell and State Farm Insurance Companies.

The awards program objective is simple: recognize voluntary citizen participation in community improvement and economic development efforts. The program can help a community by giving statewide recognition to those volunteer efforts that have made their home town a better place. Any city or village, or other local government, community organization, community action agency, or group of citizens within Illinois is eligible to enter the competition.

The Department of Commerce and Community Affairs (DCCA) has application guidebooks available for use in submitting projects (one application guidebook must be used for each entry). Com-

pleted applications must be received by the Department no later than April 16. Projects should reflect broad volunteer support and participation. If a project was started prior to 1989, it may still be entered, although the judges will be examining only the portion accomplished in the immediate past calendar year.

Here are a few examples of the many possible projects: commercial/industrial retention or attraction, job creation, development of a small business incubator, downtown improvements, parks and playgrounds, farmers' markets, sidewalk replacement, art workshops, adult literacy programs, nature center, bloodbanks and bloodmobiles, meals on wheels and many more.

The judging of the projects, done by a panel of impartial volunteer judges, will be based on four criteria: addressing an important community need, heavy commitment of volunteer resources, generating tangible results, and widespread community support.

Preliminary judging is done during May with those communities surviving the "cut" scheduled for site visits later in the month.

A project involving a number of communities is eligible for participation. Only one project application need be submitted for a joint project. There is no limit on the number of projects that a community may submit.

dent and general manager of Soyland Power Cooperative, Decatur.

Walsh served as co-vice chairman of the Rural Task Force and Furrow was a member. Walsh is a member of Wayne-White Counties Electric Cooperative, and Furrow is a member of Corn Belt Electric Cooperative.

The board named Donald R. Norton, 53, of Springfield, to a three-year term as the Bond Bank's executive director. At the request of the chairman and the board, Norton will remain as executive director of the Rural Affairs Council.

Provisions of the legislation authorizing the bank allow the Bond Bank to serve all towns smaller than 25,000; all counties except those over one million or counties contiguous to those counties over one million; school districts, community college districts or other units of local government.

The Bond Bank is allowed to buy the bond issues of small towns and other units of local government in rural areas.

The Bond Bank will "pool" the bond issues it has purchased into one or more larger packages, which the Bond Bank will then sell on the national bond market at more favorable interest rates for the small towns. The proceeds from the sale of the "pooled" issue go back into the Bond Bank for use with the next batch of borrowing requests from small towns.

The legislation requires a one-time appropriation from the General Assembly of \$5 million to establish and maintain a reserve fund.

The board established a "working committee," consisting of commissioners Lawfer and Williams, to begin working with the executive director and the general counsel to screen applicant firms for the positions of financial advisor, bond counsel

and underwriter. The general counsel for the Bond Bank is the firm of Shea, Rogal and Associates of Springfield.

"The Bond Bank, through pooling and other provisions, will enable small towns and other rural governments to borrow money they need at lower interest rates—and more quickly and easily—than they could ever hope to do if they went into the bond market themselves," Ryan explained, "simply because the bond market pays attention to the large and more sophisticated bond issuers and does not pay attention to the small towns which still need to borrow money.

"The Bond Bank puts smaller government borrowers on a 'more level playing field' with large government," Ryan concluded.

By statute, the Illinois State Treasurer is vice chairman of the Rural Bond Bank Board of Commissioners.

The board also voted to approve operating rules and directed that they be filed with the Joint Committee on Administrative Rules (JCAR) with the request that they be considered on an emergency basis.

Preliminary work to establish the Bond Bank was accomplished with a \$125,000 appropriation for Fiscal 1990.

A one-time appropriations request of \$393,626 will be presented to the General Assembly for Fiscal 1991. The structure of the Bond Bank will allow it to become self-sustaining in the future and require no additional State funds.

The House and Senate sponsors of the Illinois Rural Bond Bank legislation were Reps. Richard Mautino of Spring Valley, Ted Leverenz of Maywood and Tom McCracken of Westmont; and Sens. Richard Luft of Pekin, Jack Schaffer of Crystal Lake and Penny Severns of Decatur.

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Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

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SHELBYVILLE, ILLINOIS



Station manager Chip Mosley explains sound mixing equipment in the station's new production room.

Shelbyville radio station takes on new look

It's in the air—radio is everywhere!

As you know, there is more to radio than turning a dial. Radio listeners are a discriminating lot. If they don't like what they hear, a flick of the wrist changes it all.

Shelbyville and surrounding areas have been fortunate to have their own radio station for several years. Shelby Electric built service to Shelbyville Broadcasting in 1968. Until recently, both AM and FM were operated as WSHY.

In August of 1989, the Cromwell

Group of Illinois purchased the country music oriented station and began significant changes. The format has been changed on both AM and FM to contemporary, easy listening—featuring oldies, current, and instrumentals of old favorites.

Station manager Chip Mosley explains that all the programming is done locally, and is put together at the Shelbyville station. The announcers are from the local area. Several features are structured for the regional audience. "Talk of the Town" with Jim Hall is a daily

public interest talk program that is gaining popularity. Another regular feature that is taking on a new look is the Big Band program that had been airing bi-weekly on WSHY. The host, Carl Carter, has agreed to do a weekly big band era music program to air on Saturdays. They have also decided to retain the "Hot Wax Weekends" featuring sounds of the past.

In addition to revamping the existing format, Mosley explains that the AM/FM programming will soon be separated. In the next

several months, the AM signal will be improved. Mosley mentions that, in the past, much emphasis has been placed on FM. "The tide is beginning to turn. The AM tone will be clearer and brighter. AM signals can now be broadcast in stereo. The AM station, operating as WSHY, will carry the same programming as the present.

The FM station, WEJT, has already undergone several improvements under the new ownership and management. The signal quality was upgraded in August, and in December the power output was doubled to 6,000 watts. This summer, a new tower of 500-600 feet will be built, which will upgrade the power to 25,000 watts. The new FM side will feature regional programming, and will be reaching into the areas of interest that the AM does not.

When asked about the area WSHY/WEJT will serve, Mr. Mosley explains that when the entire system is completed, the Shelbyville station's signal will overlap with two other Cromwell Group stations—one in Mattoon (WMCI) and a sister station serving the Pekin/Peoria area.

Although radio is around us everywhere—and is possibly taken for granted—a lot goes into the production of a day's programming. There are 12 full- and part-time employees at the station. They handle selection of music, news, weather, announcements, and advertising. Mosley speaks often of community commitment: "One of the things we are very proud of as we rebuild and revamp this station is our community involvement. We want our AM station to be Shelby County's station. We are reaching out to serve Moweaqua, Assumption, Findlay, Stewardson-



When WSHY/WEJT start separate programming, this will be the new AM broadcast room.



Main control room displays sophisticated electronic equipment.

Strasburg, and Windsor. We look toward Christian County, and hope to make new friends in that area. We feel the county and area can best be served by two types of pro-

gramming. We are making these changes and improvements because we are the community's friend—we are going to be here for the long run!"

Mark your calendar

Your cooperative's annual meeting is not far away! Mark your calendars for Friday, June 22. We look forward to seeing you at the Shelby County 4-H grounds for our pork chop dinner before the 52nd annual meeting. You will receive your notices in the near future.



Energy & you

DOE looks to electric cars, new fuels, conservation

This is one in a series of articles relating to energy in general. The articles are prepared by the Rural Electric News Service of the National Rural Electric Cooperative Association, the service organization of the nation's rural electric systems.

Imagine a future in which gasoline-fueled cars are old-fashioned, when the electricity in your house is made from recycled garbage and when appliances and lights and cars are uniformly efficient.

Or envision a smog-filled future with long lines at gas pumps, high home heating bills and a United States at the mercy of oil-rich Third World nations.

While observers point to either scenario as a possibility in coming years, U.S. Department of Energy researchers hope to avoid the second picture by helping to generate energy without increasing pollution or America's dependence on foreign oil.

Energy Department researchers are searching for new ways to fuel cars. Some new methods already have been developed, while others are decades away from hitting the market.

Electric vehicles are already appearing on the scene in a limited way. The Energy Department, along with a few private companies, made great strides by building one that could run for more than 100 miles

without recharging, according to a government report.

Based on that research, General Motors announced plans to introduce an electric van to the market last year. Limits in the technology have prevented more widespread sales.

"There are some commercial electric vehicles available now," said Roger Meyer, a spokesman for the Department's conservation and renewable energy branch. "But right now, we're still limited and probably will be until the mid-to-late 1990s.

The Department has continued its research on electric vehicles, though, especially on methods to make their batteries more powerful and resilient.

Finding new kinds of transportation is only one way the Energy Department hopes to wean the nation off its dependence on foreign oil. Researchers also are looking at new fuels for existing cars.

In conjunction with the U.S. Department of Transportation, Energy Department scientists have focused their efforts on alcohol-

"We have a good bunch of customers," Mike says, "and we try to operate the restaurant so they'll know we appreciate them."

Liberty is largely a farming town, and it takes an early riser to get coffee—and breakfast—ready for some of the customers who come into the antique-decorated restaurant.

"There's a story behind the antiques," Colleen laughs, "and it's a simple one. We virtually carried everything over here from our home. We both like them, and our customers often comment on them, too. Most are the kind of things you'd expect to see around a farm home, or farmstead, about 50 or so years ago."

Mike notes that the cafe opens at 6 a.m. and that there are often customers waiting for him to open the doors. Before too long, the place will be abuzz with conversations ranging from world events to local events to crop and livestock prices.

The Brinkmeyers note that it takes good workers—they have four cooks and nine waitresses—and a lot of work to keep a business going. And a lot of hours. "I put in 95 hours a week," Mike says, "and Colleen puts in 31. She cleans houses five days a week, too. And the kids help. Christopher is 18 and Robbie's 10."

Colleen is quick to praise the restaurant's employees. "You can work and manage all you want," she says, "but having good help is what it's all about, in the long run."

The Rural Small Business Energy Program is designed to provide financial assistance to small businesses receiving electric service from an electric cooperative. The money is to be used for weatherization and energy conservation purposes.

Money for this program is made available from the state's Petroleum Violation Fund. The fund came from penalties assessed by the federal government against oil companies for overcharges they made to consumers.

Eligibility requirements include:

- The business has no more than 12 full-time employees.
- The gross income of the business is less than \$1.5 million.
- The business transacts the majority of its business within Illinois.
- The owner(s) of the business resides in Illinois.
- The owner(s) obtains at least 30 percent of their income from the business.

Any applicant that received a grant through the Rural Home Energy Grant Program are not eligible for additional energy improvements from this program. Grants are not available for new construction.

An energy audit of the business is required. This audit will help in determining the most beneficial improvements. All improvements must show an energy cost savings payback of less than 10 years.

The applicant's electric cooperative is required



Mike and Colleen Brinkmeyer operate Mike's Place.

to review and verify all applications before they are submitted to the Illinois Department of Energy and Natural Resources. The cooperative does not, however, approve or reject any applications.

In most cases, the matching grant will not exceed \$5,000. Participants will be required to match the amount of the grant.

Eligible measures:

- Caulking and weatherstripping
- Furnace efficiency modifications
- Replacement furnaces or boilers, which means a replacement furnace or boiler with an annual fuel utilization efficiency (AFUE) of greater than 90 percent
- Furnace replacement burner (oil)
- Intermittent pilot ignition devices
- Replacement water heaters, which means a device for heating water for domestic use that meets the ASHRAE 90 Energy Efficiency Standards, as required by Illinois Public Law 84-276
- Heat pumps, which means a device for heating or cooling with a SEER rating of 8.6
- Insulation for ceiling, walls, floors, ducts, pipes and water heaters
- Storm doors and windows
- Electric motor efficiency modifications
- Alternative fuels systems
- Solar domestic water heaters
- Electric load management systems
- Lighting retrofits.



Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

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SHELBYVILLE, ILLINOIS

Many of your member surveys indicated you would like to be able to call the Cooperative toll-free. We have installed an incoming WATS line for your use in calling in outages and calling for billing information. From area codes 217 and 618 only—the new toll free number is: **1-800-562-3012**

You asked for it:

We have had a few questions raised from our members stemming from recent headlines: "Cancer-power line link cited in study," "Radiation Alert," and "Power lines and appliances—are you at risk?". These are very attention-getting statements, and Shelby Electric Cooperative feels that what information we have should be passed along to our member-customers.

Many articles now appearing in the media should not be considered as expert or final statements on the issue. They are incomplete reports on on-going research into the effects of electric and magnetic fields (EMF) on humans. These reports have been surfacing from time to time for over a decade.

The Electric Power Research Institute (EPRI) is a non-profit research body of the U.S. electric utility industry and is conducting the world's most extensive study on EMF exposure. Since 1973, EPRI has spent more than \$25 million on such research. EPRI explains that electric and magnetic fields are invisible forces given off wherever electricity is conducted. The strength of these fields rapidly drops as distance from the source increases.

Most of us are exposed to EMF at all times, since electricity plays such a big part in our daily lives. Electric power lines are not the only source of EMF—it is found in household wiring, kitchen appliances, televisions, electric blankets, etc. We use these appliances every day without a thought! At ordinary levels, the EMF currents from these sources are lower than those in the human body's own electrical activity.

There are three main types of studies now under way: statistical studies between illnesses and possible causes, exposure studies that measure the actual amount of EMF exposure that people are actually getting, and laboratory studies that look at the exposure of tissues, cells and whole animals to EMF fields. The results of all this testing have one common thread: uncertainty. One researcher can find no link between EMF and illness, while another scientist sees some sort of connection. Even the studies that report some health effect from EMF show that the amount of risk is very small. Two studies have shown that the incidence of cancer in children living near high current density power lines may raise from 1 in 10,000 to 2 in 10,000 by living near a major electric line. It should be noted that these studies are not complete and are not conclusive. These figures are based on ultra-high current lines—not those found on the average cooperative lines. The transformers Shelby Electric has installed on poles or the padmount transformer on your property do not carry anything near that kind of voltage.

Sensational TV and newspaper articles are certain to get your attention. We urge you to look beyond those alarming headlines and discover all the facts for yourself. We will pass on any new information brought to our attention here at your Cooperative.

Some wood chips don't mix with livestock

Occasionally we give wood chips from our chipper away to members. We have been advised by the University of Illinois that walnut chips should not be used around livestock—especially horses. We thought you would want to keep this in mind if you use chips for landscaping, etc. Whether the chips come from the Cooperative or any other source—make sure you know the content before using any chips.

Don't forget your annual meeting

Remember—the Shelby Electric Cooperative annual meeting is Friday, June 22 at the Shelby County 4-H grounds. We're counting on you to be there!

Electricity can help wring out the air

Are there days during the summer when the humidity is so high you could almost wring out the air like a wet towel?

One of your best household helpers, electricity, can do the job for you. For only a few pennies' worth of electricity a day, an electric dehumidifier will remove 20, 30 or 40 pints of water from the air in your home, depending upon the capacity of the model you use.

In the summer, warm air holds more moisture, or humidity, than the cold air of winter. Summer's heat also causes your body to become warmer. And your body depends upon evaporation of skin moisture—perspiration—to keep itself cool.

However, if the air in your home is already moisture-laden perspiration does not evaporate so readily from your skin. As a result, your skin will feel clammy and your body feels warmer.

That is usually enough reason for people in humid climates to use electric dehumidifiers. But here are even greater benefits to controlling your home's humidity.

Your basement, bathroom

In the basement, excess moisture can condense on cold-water pipes, making them drip. The humidity can also encourage the growth of mildew, a spore that can damage leather goods, books and clothing, and give a musty smell to the basement. These spores also cause

allergic reactions such as sneezing, watery eyes and runny noses in some persons.

In the bathroom, summer humidity is often increased by water spraying from showerheads or evaporating from wet towels. This high humidity produces the darkening or discoloration between tiles in the bathroom. Again, mildew spores and mold can develop, leading to reactions in some allergy-sensitive people.

The kitchen and laundry room can be other high-humidity areas where excess moisture in the air causes problems. Just as in recreation rooms and storage areas, humidity can lead to rusting metal, mildewing shoes and musty clothing, as well as general human discomfort.

Electricity to the rescue

What are some of the ways you can avoid these summer humidity problems? First, try to keep your windows and doors open enough to allow a good flow of air through the home, particularly high-humidity areas.

While natural ventilation can solve many of your humidity problems, properly placed electric vent fans in the kitchen, attic or laundry room will also help remove moisture.

Electric air conditioning units both cool the air and remove moisture. They actually take the heat and moisture from the home. A dehu-

midifier also pulls humidity from the air, but does not cool the air while doing so.

Look for these features

If you are considering buying a dehumidifier, here are some features to keep in mind:

- **Humidistats.** Like a thermostat controls temperature levels, a humidistat may be set to maintain a desired level of humidity.
- **Automatic Shut-off.** This feature stops the unit when the drip container is full, preventing overflows.
- **Portability.** Although you may have several high-moisture areas in your home, modern electric dehumidifier are portable enough for the average person to move them from room to room with ease.
- **Capacity.** What capacity humidifier will you need? Consult the accompanying chart, devised by the Association of Home Appliance Manufacturers.
- **Purchase costs.** While purchase costs for dehumidifiers will vary from manufacturer to manufacturer, expect to pay \$250 to \$400 for an average home model. Shopping around and looking for seasonal sales can save you money on the purchase.
- **Operating costs.** You may expect to pay between \$30 and \$140 in electricity costs for running your dehumidifier during the high-humidity season.

WHAT CAPACITY DO YOU NEED IN A DEHUMIDIFIER?

Values in table indicate dehumidification required in pints per 24 hours, based on the area of the space to be dehumidified and the conditions that would exist in that space when a dehumidifier is not in use.

CONDITION WITHOUT DEHUMIDIFICATION	AREA—SQ. FT.				
	500	1000	1500	2000	2500
During warm and humid outdoor conditions.					
Moderately damp—Space feels damp and has musty odor only in humid weather.	10	14	18	22	26
Very damp—Space always feel damp and has musty odor. Damp spots show on walls and floor.	12	17	22	27	32
Wet—Space feels and smells wet. Walls or floor sweat, or seepage is present.	14	20	26	32	38
Extremely wet—Laundry drying, wet floor, high load conditions.	16	23	30	37	44

Dehumidification variables also include such other factors as climate, laundry equipment, number of family members, number of doors and windows, and degree and intensity of area activity.

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P.B., Knoxville, TN

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G.R., Key West, FL

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tal Protection Agency. If current trends continue, O'Connell says, "Americans will own more vehicles and make more trips than ever by the year 2000. It is unlikely that replacing older cars and trucks with (cleaner petroleum-based fuels) will offset the growth in emissions due to the sheer number of vehicles."

The California Air Resource Board says that electric vehicles are 64 times cleaner than gasoline-powered cars in hydrocarbon emissions and 174 times cleaner in carbon monoxide emissions.

The experimental van uses no energy when it's not moving, unlike typical combustion engines, which burn fuel even when idling. But it costs about double the price of a conventional, gasoline-powered van.

Still, opinion polls show that Americans are willing to spend more for energy if it means having a cleaner environment, so electric vehicles are beginning to appeal to a more massive audience.

They produce no pollution when in use; in fact, the only pollution related to electric vehicles is that of the power plants that supply them. And power plants are cleaner sources of energy than gasoline engines, O'Connell says.

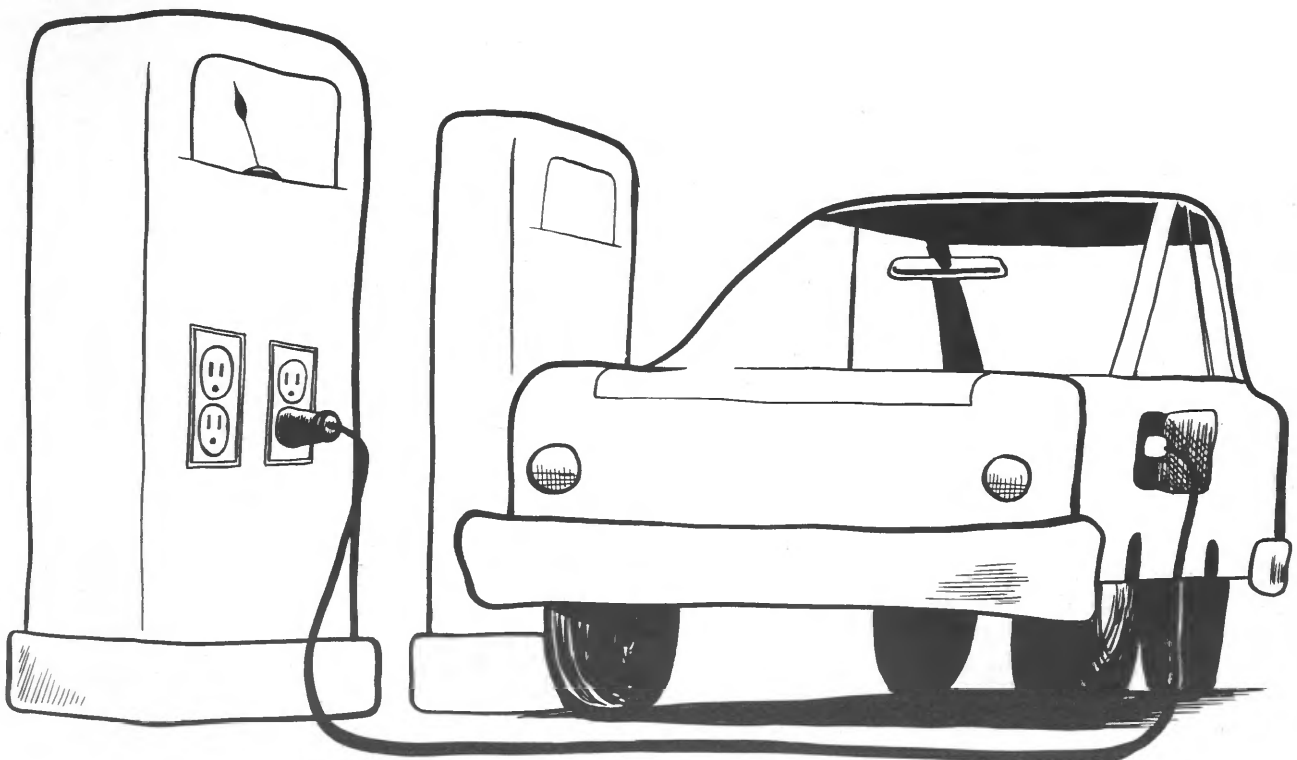
While research into alternative

fuels such as methanol and natural gas are also stepping up, they're not as ecologically pure as batteries, says Jerry Mader, president of the Electric Vehicle Development Corp. Mader, whose group was formed in 1983 to guide long-term development strategy for the electric vehicle industry, says, "Any alternative fuel would still affect the environment. There is no methanol industry to speak of in the country. There would be tremendous cost involved to set up production and distribution systems. Natural gas is the same. And both have emissions."

EPRI says its G-Van produces 97 percent less pollution than a regular gasoline-powered van.

The approach of electric vehicles appeals to the utility industry. "Right now, if 10 percent of the population went to electric transportation," Mader claims, "the demand for electricity would increase by only 1 percent. We have a 40 percent under-utilization in our industry now anyway."

He adds that production and distribution systems for electricity are already in place. "There is plenty (electricity) available in the off-peak, nighttime hours, which is when electric vehicles would be recharged."





Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS



Holly Slaymaker, Witt, and Michael Been, Findlay, (center, at the podium) are the grand prize winners in Shelby Electric Cooperative's 1990 "Youth to Washington" program. The two were selected from a group of six finalists who presented their work at the cooperative's essay banquet May 10. Slaymaker and Beem were to represent Shelby Electric on the June 15-22 tour, along with the more than 60 high school students from other Illinois cooperatives. Standing behind the two grand prize winners, from left are: Neil Pistorius, cooperative president; Becky Forcum and Aaron Tucker, Cowden-Herrick High School; Matthew Graven, Findlay High School; Doug Sarver, Cowden-Herrick High School; and Jim Coleman, cooperative manager.

1990 "Trip to Washington" Essay Contest

For many years, Shelby Electric Cooperative has participated in the "Trip to Washington" Essay Contest sponsored by the National Rural Electric Cooperative Association and the Association of Illinois Electric Cooperatives. With records dating only from 1972, we find that the Cooperative has sent 38 contest winners on the all-expense paid tour of Washington, D.C.

In January of each year, Shelby Electric contacts all 19 schools in our service area. All students in their sophomore or junior years are eligible to send essay entries to the contest. Information packets are left at each school and are also sent to all students expressing an interest in entering the contest.

In 1990, we received 55 entry forms and 38 essays on the subject: "Electric Energy—Yesterday, Today, and Tomorrow." Of the 38 essays received this year, 11 were

from Cowden-Herrick students, 23 were from Findlay High School, one was from Pana, and one was from Witt High School.

Six essays are chosen from all entries to be finalists in the contest. All 38 essays are given to a group of judges (who are in no way connected to the Cooperative). The essays are each given a number. The judges never know the name of the student authors or the school they attend.

Finalists this year were: Becky Forcum, daughter of Karen and Ted Forcum (Becky attends Cowden-Herrick High); Holly Slaymaker, daughter of Kristine and William Slaymaker (Holly attends Witt High School); Aaron Tucker, son of Pamela and Bobby Hoover (Aaron attends Cowden-Herrick High School); Michael Beem, son of Richard and Nancy Beem



Six area students joined with more than 150 others from downstate Illinois in Springfield April 18 for "Rural Electric and Telephone Youth Day." The students toured the State Capitol, Lincoln's home and neighborhood, the Old State Capitol, the Illinois Vietnam Veterans Memorial and the Lincoln Tomb. At the Capitol they met with Senator Penny Severns and learned more about the General Assembly and the legislative process. Representing Shelby Electric Cooperative were, from left, Michael Beem and Matthew Graven of Findlay, Holly Slaymaker of Witt, Aaron Tucker, Sen. Severns, Doug Sarver and Becky Forcum of Cowden, and Suzanne Tate, Bob Westenhaver and Don Pinkston, chaperones. The day-long activities were sponsored by the electric and telephone cooperatives of Illinois.

(Michael attends Findlay High School); Matthew Graven, son of Sandra and Gary Graven (Matthew attends Findlay High School); and Doug Sarver, son of Barbara and Gary Sarver (Doug attends Cowden-Herrick High).

All six finalists were guests of Shelby Electric at "Illinois Rural Electric and Telephone Youth Day" in Springfield April 18. Each year, the Association of Illinois Electric Cooperative sponsors the day's activities for essay contest winners from across the state. This year, the six finalists were among 150 others who were treated to tours of Springfield's famous sites. At the State Capitol, the Shelby Electric group met with State Senator Penny Severns and learned more about the legislative process and the General Assembly.

All six students met again May 10 for the final judging of the contest. Again anonymously, the finalists gave an oral presentation of their essays to their parents, teachers, Cooperative board members and personnel, and two judges. After careful deliberation, the judges chose two winners: Michael Beem and Holly Slaymaker. Chosen as alternate was Becky Forcum.

Shelby Electric Cooperative board president Neil Pistorius praised all six finalists for their efforts as he presented all six with certificates and gifts of appreciation from the Cooperative.

Holly and Michael will be joined by Becky Forcum and Matthew Graven, who will be taking the tour as "Willie Wiredhand" students this year. Each finalists is eligible to become a "Willie Wiredhand" although their trip is not provided by Shelby Electric.

This year, the four area students will depart June 15 from Springfield for the week-long trip to Washington. During their tour, they will visit the many historic sites of Washington, as well as meeting with many area legislators and government officials.

If you know of an area sophomore or junior (in 1991) who might be interested in submitting an essay entry, the next "Trip to Washington" Essay Contest will begin in January of 1991. All area high schools and English instructors should have the necessary information. If for some reason they do not, feel free to call the Cooperative office for an entry blank and information packet. Ask Michael Beem, Holly Slaymaker, or any of the other 36 contest winners about the trip they won. We think they all will tell you it was worth their time and effort to enter!

Coming soon from your cooperative



Satellite TV programming

DRESSING SPECIAL

For important occasions

5558: Dressing special for important occasions. Blouse, full skirt and slim skirt (two lengths) can be mixed or matched. Misses' Sizes 6 to 16. State H(6-8-10) or O(12-14-16) when ordering.

5640: Charming trio. Dress choices: pin tucked or not, high or low waist and two sleeve lengths. Toddler Sizes 1 yr., 18 mos., 2 yrs., 3 yrs., 4 yrs. are included in pattern.



Fashion and Craft Catalog with new SPRING/SUMMER SUPPLEMENT 0257. FREE pattern with first pattern order from catalog. \$2.50 plus \$1.25 S/H each.

OFFER GOOD THRU OCT. 31, 1990.



Embroidered Goose



5697: Easy elegance for weekdays and weekends. Raglan sleeved dress has an elastic waist and long or short-flared sleeves. Misses' Sizes. State N(10-12-14) or U(16-18-20) when ordering.

OFFER GOOD THROUGH NOV. 30, 1990

5135: Accent your home with this lovely embroidered goose. Goose is approx. 20" tall and comes with transfers for country and Victorian motifs. Printed pattern, directions included.

OFFER GOOD THROUGH OCT. 31, 1990

DESIGNER



Summer's soft side is interpreted in this day or evening dress. Femininity flows from shoulders to hem; cascading sleeves top elasticized waist and flaring skirt. Ideal in a flowery or solid crepe de chine, charmeuse or rayon. Designer Pattern 4185 is available in Misses' Sizes 10 to 20.

OFFER GOOD THRU OCT. 31, 1990



5113: Add a look of elegance to your table with this lovely cloth. Filet crochet cloth or centerpiece in sizes 40" or 60". Use No. 30 cotton. Directions, charts included.

OFFER GOOD THROUGH NOV. 30, 1990

DRESSING IN PARTS

Pieces that mix and match

5695: Forever fresh. Two piece dress includes: top with V-neck, shawl-tie, elongated or sailor collar and trumpet skirt. Misses' Sizes. State H(6-8-10) or O(12-14-16) when ordering.

5694: For town and travel. Ensemble includes: unlined cardigan, cap sleeved top and hip-yoked skirt. Misses' Sizes. State K(8-10-12) or R(14-16-18) when ordering.



Fashion and Craft Catalog with new SPRING/SUMMER SUPPLEMENT 0257. FREE pattern with first pattern order from catalog. \$2.50 plus \$1.25 S/H each.

OFFER GOOD THRU OCT. 31, 1990.

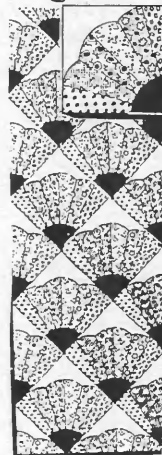


950: Sew this French influenced Pierrot clown and his authentic outfit. Directions, pattern tissue for 20" doll and clothes included.

OFFER GOOD THROUGH AUG. 31, 1990

770: Attention quilters! Over 75 transfers to make templates! Save money, time! Make templates from our transfers; also includes most popular charts; design your own quilt. Transfers, charts and Directions.

CLASSIC QUILT



475: Grandmother's Fan quilt to make of pretty prints or left-over scraps for great effect. Patch patterns, directions for single and double size.

OFFER GOOD THROUGH OCT. 31, 1990

SWITCHABLES

Pieces that mix and match.

5696: Skirting the issue. Mock wrap skirt has an elastic waist; trumpet skirt has a center back zipper. Misses' Sizes. State KK(8-10-12-14) or OO(12-14-16-18) when ordering.

4183: Simply perfect. A wardrobe of blouses in one pattern. Easy good looks for work or weekend fun that are easy to cut, sew and fit. Misses' Sizes 12 to 22.



OFFER GOOD THRU NOV. 30, 1990.

PATTERNS

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

I have enclosed \$ _____ (\$4.00 per pattern — cash, check or money order accepted) for the following patterns (please allow four weeks for delivery):

Print Name _____

Pattern No. _____ Size _____ Pattern No. _____ Size _____

Address _____

City _____

State _____ Zip _____

Lawyer Warns . . .

Did You Make This Mistake In Writing Your Will?

Did you know that writing a Will may be one of the biggest mistakes we can make? It's true!

A Will doesn't protect our loved ones against paying huge fees to lawyers, executors and courts for even the smallest estate. Probate can slice up to 10% or so from an estate and take months or years for final settlement.

In fact, the only thing worse than having just a Will is the nightmare that's created when you have no Will at all.

Because then the State steps in to decide who gets our assets -- our bank account, home, car, valuables, other possessions. Money we've worked so hard to earn is gobbled-up by court and legal fees before our heirs ever get one penny.

What can the average wage earner do to avoid the financial headaches of a Will? Plenty.

Today, under current laws anyone can eliminate costly legal and court fees with a little-known, simple legal paper called a Living Trust. And you don't have to be rich to enjoy it's benefits.

A Living Trust has been praised by our nation's leading financial planners, and reported in publications such as The Wall Street Journal, Money Magazine, Business Week and others because:

- It eliminates the costly and lengthy probate process. The estate goes directly to your heirs without going through the courts.
- It eliminates the need for an attorney and legal fees that cut your estate. Does away with all court costs, too.
- It gives you complete control of your estate to make sure that all your wishes are carried out.
- A Living Trust is revocable, which means that you can change your mind at any time about who is going to receive your assets.
- It gives you the right in most cases to name yourself as a trustee, and your spouse or someone else as a co-trustee. Plus the right to change trustees at any time.
- If you own out of state real estate, like a vacation house or cabin, you can save a bundle by avoiding the need for probate in a second state.
- Unlike a Will where your finances and everything you own is a matter of public record for anyone to see, a Living Trust is secret.

The Wall Street Journal reported that it takes two years to complete the average probate in California. The article also



Is your Privacy worth a moment of your time? Attorney Marshall Sanson says, "a Will could 'broadcast' the intimate details of your family's finances."

stated that since a Living Trust is much faster, cheaper, and more private than settling a Will, there are many advantages to using a Living Trust instead of just a Will.

And Business Week reported that many people are using a Living Trust instead of a Will to reduce the possibility of heirs fighting over your estate.

You must never forget that a Will must be probated and the fees for the probate lawyer and executor -- not including court fees -- range from 6% to 10% and are paid before any of your heirs receive their inheritance. That can take a big chunk out of even the smallest estate when attorneys charge anywhere from \$60.00 to \$150.00 an hour or more!

Look what happened to Martin Quiler's estate:

- Quiler left a \$61,581.32 estate to his son. The son had "Dad's Attorney" sell the family home and handle probate. The cost? The attorney pocketed \$3,895 in direct fees and paid thousands of dollars in expenses. When he got through the estate had shrunk by over \$20,000.00!
- Karl Dock didn't have much to leave his four children at his death. After the cost of settling final expenses, guess what? Probate left Karl's estate flat broke.
- R.L. Roberstone thought his Will would get his \$158,000 estate safely to his heirs. He didn't know his attorney would get almost \$6,500.00 for services and that thousands more would vanish through probate.

The pity of it all is that these people

could have avoided having large bites taken out of their hard-earned property by using a Living Trust. They could have passed every cent to their loved ones without squandering money on probate.

If you think a Living Trust is only for millionaires --- you couldn't be more wrong. Whether you earn \$25,000 or \$100,000 a year -- and whether your assets are huge or small -- a Living Trust will save you money. In fact ...

...on a percentage basis Living Trusts save more on small estates than large ones!

And you can save even more because we have shown hundreds of thousands of people just like you how to do it. It's simple.

The DSA Living Trust Kit was developed after much research with a team of legal scholars and practicing attorneys. It explains in easy-to-understand language how to set up your own Living Trust.

Instructions and guidelines are written in simple English. Illustrated step-by-step forms show you how to custom-tailor a legal trust to meet your special personal needs.

- Titles to your real estate, automobiles, boats, stocks, etc. are all safeguarded in your Trust.

Though DSA's exclusive Living Trust Kit will save you a small fortune -- and save your loved ones thousands of dollars later on -- we have kept the price especially low to enable everyone to benefit from it. Less than the cost of a good dinner out. We are so certain that you will find it invaluable that we insist you examine it on a 90-Day No-Risk Guarantee. It's easy to get your Living Trust Kit. All you have to do is print your name and address and the words, "Living Trust" on a plain piece of paper. Send it along with your check or money order in the amount of \$19.95 plus \$2 handling or charge to your VISA/Mastercard by including account number and expiration date to: DSA Financial Publishing Corp. 708 - 12th Street N.W., Dept. W676, Canton, Ohio 44703. For even faster service, VISA/Mastercard only, call toll free 1-800-321-0888, Ext. W676.

Examine and use the Kit in the privacy of your home for 90 risk-free days. Show it to your lawyer. If you are not 100% convinced it's everything you expected -- don't keep it. Simply tear off the cover and send half of it back. You will receive a full refund. Fair enough?

A Living Trust is too important to put off another day. Order by phone or mail now!

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Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS



Lineman Bennie Clawson uses a safety demonstration to impress children and other onlookers with the need to be alert to hazards.

Annual meeting news:

Additional services coming

Members of Shelby Electric Cooperative heard that their co-op will soon offer a couple of new services. The member-owned utility will offer satellite TV programming and a radio service. Those attending the cooperative's 52nd annual meeting Friday, June 22, at the 4-H Club Fairgrounds, Shelbyville, learned that a 500-foot tower is now under construction just southwest of Shelbyville, to make the service possible.

They also heard that 1989 had been a good year for their cooperative, with slightly higher operating revenues, a slightly lower cost of purchased power and a respectable, if not spectacular, increase in operating margins.

Speaking to some 2,200 members and guests, James Coleman, manager, said, "Our members have enjoyed

stable rates for over three and one-half years now, and we hope to continue to hold the line on your electric rates. Our power supplier, Soyland Power Cooperative, has been able to stabilize its costs and assures us that bulk power costs will remain stable or increase at a rate no greater than the rate of inflation well into the 1990s.

"Your board of directors is committed to maintaining your rates as low as possible, and stable wholesale power costs will go a long way toward helping us achieve that goal," he added.

"We did a membership survey not long ago to find out what you would like us to do for you," Coleman said, "and we were really pleased by the great response. As you have requested, we have put a toll-free number into operation. If you want to call

us, call 1-800-562-3012. We also have a fax machine, a copier and a blueprint machine that are available for use by our members at a nominal cost. We also offer energy audits for heating and cooling of our members' homes at no cost to them.

"In the very near future," Coleman continued, "you will hear a lot about KASCOM Communications, a wholly owned subsidiary of Shelby Electric Cooperative. KASCOM will provide two new services to our members and to the public. Our radio communications system has been outdated and difficult to work with. We are going to set up an 800 MHZ repeater radio system for office and fleet use. It will have the capacity to handle many conversations at one time, and with complete privacy. We are offering the radio service to the members and to the public as well. KASCOM will also offer satellite TV programming," he added.

Neil Pistorius of Blue Mound, president, noted that the co-op will have to put money into maintaining its system, to keep it in good condition. "In the months ahead," he said, "we will need to expand our line maintenance program and upgrade our system to ensure that we have sufficient capacity to deliver the power you need when you need it, and that the service is as reliable as is humanly possible.

"We are reviewing our system and upgrading our maintenance plans so you can continue to enjoy reliable service at the lowest possible cost," he said.

Kenneth E. Kensil of Tower Hill, treasurer, noted that the cooperative's operating revenue for 1989 came to \$12,716,667, a decrease of \$359,519 from 1988. This year's usage was down slightly from the previous year, he added, partly due to the exceptionally mild winter.

During the business session, members reelected two area men to the co-op's board of directors. Reelected were L. Eugene Boldt of Stewardson and Kensil.

Guest speaker for the afternoon was Bruce C. Paterson.

Before the meeting a pork chop dinner was served by Shelby County Pork Producers.

Following the annual member's meeting, the board met to reorganize for the coming year and reelected Pistorius president, Robert H. Primmer of Findlay vice president, Lawrence D. Oller of Taylorville secretary and Kensil, treasurer.



Edwin Mathias won the grand prize, a new electric water heater.



The two men who were reelected to three-year terms on the board of directors of Shelby Electric Cooperative are pictured with James Coleman, manager of the member-owned utility. From left are Kenneth E. Kensil of Tower Hill, L. Eugene Boldt of Stewardson and Coleman. The men were reelected at the cooperative's 52nd annual meeting Friday, June 22 at the 4-H Club Fairgrounds, Shelbyville.

Detailed forms

Moose trumpet, bears roar, deer scrape, fish leap and birds take flight, but there is no noise—no mating calls, no angry challenges, no drumbeat of rapidly retreating wings, and no splashes. The animals, in all their poses, are foam.

After time in the hands of a skilled taxidermist, they'll look as lifelike as you can imagine, and the proud hunter or fisherman will have "everything but the sound."

Research Mannikins, a rural Murphysboro firm, makes it all

possible, with lifelike taxidermist forms. While many people mistakenly believe Research Mannikins is the birthplace of the dummies that are placed in cars and driven to destruction, such is not the case, notes Randy Hurst, who manages the six-person shop.

The company is served by Egyptian Electric Cooperative Association.

Not too many years ago, Hurst says, "taxidermist mannikins were just roughly shaped like the animals they were supposed to represent and if the taxidermist wanted to make them look really lifelike, he had to do a lot of extra work."

"We decided to build each form as much like the actual animal as possible, with individual muscles already in place, and it took a lot of research into animal anatomy to do it. For example, when an animal turns its head, certain muscles work and stick out more. When he lifts his head, some others come into play.

"We were really careful to get them just right, for each position we have the molds in. I guess you could say we chose the name 'Research Mannikins' because we did our research before we started making mannikins."

The firm, which is headquartered in Lebanon, Ore., was doing a booming business, when a quick look at the shipping map showed that many of the orders were coming from the Midwest, the South and the East Coast. It didn't take a great deal of research to figure out that a centralized location could cut down on shipping costs and the time in transit.

"We'd pretty much settled on a four-state area," Hurst says, "and my wife, Stephenie, and I

"THE ONE THAT REALLY WORKS!"

PROVEN EFFECTIVE

Fleas hate it — Pets love it...

ULTRASONIC PEST REPELLER™

GUARANTEED TO REPEL RODENTS, MICE, BATS, SQUIRRELS, ETC.

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This is the ultrasonic device registered by the Canadian Agriculture Department for sale in Canada as a repellent for both rats and mice (PCP ACT Reg. #19674)! This — and not any "cheap" imitation — is made by the manufacturer recognized with membership in the National Pest Control Association. And this is the pest repeller that has always offered a **FULL 90-DAY UNCONDITIONAL MONEY-BACK GUARANTEE**... tested and assembled in the USA!

DEAD VERMIN IN TRAPS ARE DISGUSTING AND POISONS ARE DANGEROUS!

Now **DRIVE UNWANTED PESTS OUT OF YOUR HOME SAFELY** — with powerful pulsating ultrasonic sound that only the pests can hear. If you have a problem with mice, rats and other unwanted pests, the **ULTRASONIC PEST REPELLER** can repel them starting immediately by broadcasting high-frequency sound waves at 32 to 62 KHZ (or 32,000 to 62,000 cycles per second) that people and pets can't hear... but that make rodents and other pests affected by ultrasound scatter! It's completely harmless to dogs, cats, birds, fish or farm animals. And you can use it **SAFELY AND EFFECTIVELY** in houses, apartments, offices, barns, stables — even boats and RVs! Remember — when it's warm outside, that's when they breed. **ORDER TODAY!** ©1990 CSI

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Don't confuse our top-rated ULTRASONIC Pest Repeller, tested and assembled in the USA, by Sonic Technology, a leader in Ultrasonic devices, with those non-working, cheap imitations advertised elsewhere for less than \$10! Our **ULTRASONIC PEST REPELLER** guarantees you safe, fast, affordable pest repelling capability and is backed by our **90-day unconditional money-back guarantee.**

Just plug it in... and watch it work!

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YES! I want to keep my home free from these pests. Please rush me my Ultrasonic Pest Repeller for only \$19.77 plus \$2.95 postage and handling on your 90-day unconditional money-back guarantee.

SAVE — 2 Repellers only \$35 plus \$3.95 S&H.

Whole House Special! 5 Repellers \$75 Postpaid!

Enclosed is \$_____. FL & MI res. add Sales Tax. Charge it! Visa MC AMEX Exp. Date ____

Card# _____

Name _____

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City _____ State _____ Zip _____

Lawyer Warns . . .

Did You Make This Mistake In Writing Your Will?

Canton, OH (Special) - You can spend money for a Will only to have a an unnecessary part of your assets needlessly taken by lawyers, courts and executors through the probate process.

Why should you avoid probate? Simple. It costs too much and takes too long. Probate also creates an "invasion of your family's financial privacy!"

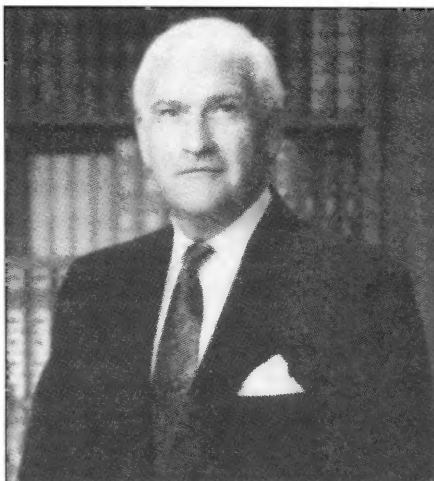
Probate can slice up to 10% from an estate and take months or years for settlement.

In fact, the only thing worse than a Will for the average wage earner is the nightmare created by no Will at all. Because then the State decides who gets everything you own.

Now there's a far better way to protect your estate than having only a Will. A new study reveals that a Living Trust is a low-cost alternative to probating a will, even for an average sized estate.

Today you can eliminate costly, time-consuming probate and legal fees by using a simple legal paper called a revocable Living Trust. It avoids probate attorney, managerial, and court fees because there is no Will to probate. Your family suffers no expense or settlement delays. And since a Living Trust is revocable, you can change your mind at any time about trustees and who gets your assets. Unlike a Will the estate goes at once to whomever you name -- in complete secrecy.

The many advantages of a Living Trust for the average-sized estate have been praised by estate planners and reported in financial publications like The Wall Street Journal, Business Week, Money, to name a few. You simply transfer all your assets into a Living Trust and



Is your Privacy worth a moment of your time? Attorney Marshall Sanson says, "a Will could 'broadcast' the intimate details of your family's finances."

name yourself or anyone you want as trustees.

Lawyers can charge an average of \$60 for writing a Will -- and then can get up to 10% for probate. It's smart to set up a Living Trust.

Working with a team of legal scholars, DSA Financial Publishing Corp. of Canton, Ohio has prepared a Living Trust Kit designed so you can easily set up your own Living Trust. You'll get complete instructions written in easy-to understand, step-by-step simple language. You'll also get complete guidelines on how to custom tailor your personal Living Trust so that any special wishes you may have for your estate are carried out.

Though DSA's exclusive Living Trust Kit will save you a small fortune -- and save your loved ones thousands of dollars later on -- we have kept the price especially low to enable everyone to benefit from it. Less than the cost of a good dinner out. We are so certain that you will find it invaluable that we insist you examine it on a 90-Day No-Risk Guarantee.

It's easy to get your Living Trust Kit. All you have to do is send a check or money order in the amount of \$19.95 plus \$2 postage and handling or charge to your VISA/Mastercard by including account number and expiration date to: DSA Financial Publishing Corp., 708 - 12th St. N.W., Dept. W677, Canton, Ohio 44703. For even faster service, VISA/Mastercard only, call toll free 1-800-321-0888, Ext. W677.

Send for your Living Trust Kit within the next 15 days and you'll also get a FREE membership in Pre-Paid Legal Corporation's JUSTICE-900 program. Your membership gives you instant telephone access to over 6,000 attorneys nationwide!

As a JUSTICE-900 member you will be able to consult with a lawyer on any subject, at any time, ... any number of times. During each consultation you will have 30 minutes of the attorney's time for only \$9 charged to your telephone bill! As you know, most reputable attorneys charge \$75.00 to \$125.00 per hour for telephone consultations. You can see the big savings even if you only need a lawyer's advice occasionally.

You'll also get any legal service you need in the attorney's office for 25% less than the attorney ordinarily charges for those services. JUSTICE-900 membership could easily be worth thousands of dollars to you.

Your free JUSTICE-900 membership is yours to keep even if you decide to return your Living Trust Kit. Remember though... You must act at once to be sure of getting this valuable Free Bonus!

Do it now . . . while there is still time to protect your loved ones.

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Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

KASCOM, INC.

**Satellite Television Programming from Shelby Electric Cooperative
For Owners of Satellite Dishes and Decoders**

BASIC

\$11.50 PER MONTH

CNN	WGN-Chicago
Headline News	WTBS-Superstation-Atlanta
ESPN	The Weather Channel
CBN-The Family Channel	Country Music Television
USA Network	The Discovery Channel
Nickelodeon	The Learning Channel
Lifetime	The Nostalgia Channel
KTVT-Dallas	The Nashville Network
WPIX-New York	The Travel Channel

EXPANDED BASIC

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ALL THE ABOVE STATIONS PLUS:

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Prime Network	WBBM-Chicago
WBSK-Boston	WABC-New York
KTLA-Los Angeles	WXIA-Atlanta

G1-DESIGNED FOR FIXED DISH \$9.00 PER MONTH

Arts and Entertainment	Headline News
CNN	Nashville Network
Country Music Television	USA Network
Discovery Channel	WTBS-Atlanta
ESPN	WGN-Chicago
Family Channel	

SPECIAL PACKAGES

HBO	\$ 7.95 PER MONTH
Cinemax	\$ 7.95 PER MONTH
Disney Channel	\$ 7.95 PER MONTH
HBO and Cinemax	\$14.95 PER MONTH
HBO and Disney	\$14.95 PER MONTH
Cinemax and Disney	\$14.95 PER MONTH
HBO, Cinemax, and Disney	\$20.95 PER MONTH

PRIMETIME 24

\$3.50 PER MONTH

SOLD WITH BASIC PACKAGE ONLY

WBBM-Chicago (CBS)
WABC-New York (ABC)
WXIA-Atlanta (NBC)

SATELLITE SPORTS NETWORKS \$7.95 PER MONTH

Home Team Sports	Prime Ticket
HSE	PSN Midwest
Midwest Sports	PSN Rocky Mountain
MSG	PSN Utah
PASS	Sunshine Network
Prime Network	
Prime Sports NW	

SKYLINE SILVER

\$3.00 PER MONTH

WWOR-New York
WSBK-Boston
KTLA-Los Angeles

Clip and Mail to Shelby Electric Coop:

YES, I am interested in learning more about programming for satellite dishes:

Name _____

Address _____

City _____ State _____

Phone _____

THERE WILL BE A FIRST-TIME USER CONNECTION

FEE OF \$20.00

MEMBERSHIP FEE WILL BE \$ 5.00

800 MHZ Frequency Band Trunking System

How it works

The concept behind trunking is very simple. It is the pooling of several radio channels so that all users in a given area have automatic access to any free channel. The result is a system that can handle a much larger number of mobile units per channel with a much lower

probability of being blocked because one channel is busy.

Because the channels are pooled in a trunked radio system, you are not limited to the use of just one channel. And because all users have automatic access to all

channels, the waiting time to get on the system is greatly reduced, and the channel capacity for a given level of service is greatly increased.

The practicality of such a system becomes apparent when you realize that users normally require a channel only a short period of time. Thus, few calls are processed simultaneously and access is usually immediate.

The radio independently selects open channels as needed, and a conversation may shift automatically from one channel to another, providing an added measure of privacy. This automatic switching occurs without any disruption of the user's conversation.

The advantages of a trunked system are threefold. First, its extremely efficient access of all available frequencies; second, it normally provides immediate channel access; and third, you have privacy within the system.

Privacy

One of the most appealing benefits of a trunked system over a conventional two-way radio system is the added measure of privacy that comes through a programmable controlled system.

Within the system, only those mobiles that have been programmed, primarily just your user group or fleet, can hear your conversation.

Several user groups or fleets may be established. They may be broken down to allow all mobiles to hear one fleet. Supervisors or other mobiles could be separated from the rest of the group with another fleet. Individual fleets for transmission to only one supervisor or person within a group are possible.

Another important privacy feature: Each time you release the TALK button on your mobile, after a split second, the channel becomes available to anyone else accessing the system. When you next press TALK, you may be assigned another channel.

This "channel hopping" adds a great deal of privacy to this system. If you were listening in on a channel with scanner, it is highly unlikely that you would hear an entire conversation. If the system is very busy, you would hear only the smallest part of the conversation as it hopped from channel to channel. What you would hear would be very small parts of many conversations.

This could be a problem with some systems, but not

with this one. You immediately regain the conversation in progress as soon as you leave the "fade" area.

Fading

On occasion, a mobile unit may travel through a "fade" area such as a tunnel, under a bridge, or a hilly area, where the receiver in the mobile could miss the transmission and permanently drop out of the conversation.

Telephone Interconnect

How it works

The concept is very simple. If your mobile is equipped for telephone, by merely pushing the phone button, your mobile radio connects you to a commercial telephone line at the location of the transmitter or radio tower site.

After the dial tone is heard, your mobile radio becomes identical to a telephone and its use. Any numbers dialed outside the transmitter or tower site telephone exchange require "O" dial and credit card or collect calls only, with the exception of 800 numbers. Local long distance telephone rates apply.

Air Time

All telephone calls are subject to air time use charges based on length of call in addition to applicable commercial telephone company charges.

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Radio Dispatch Rates

Initial Set Up Cost	\$25.00
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Number of Units	Cost per Month
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6-10	\$6.00/Unit
11-15	\$5.50/Unit
16-20	\$5.25/Unit
21 and over	\$5.00/Unit

Telephone Interconnect Service

	Cost per Month
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Per Minute Rate	\$.20/Minute of Interconnect Time 30 Minutes Free
Roamer	\$ 2.00/Month
Per Minute Rate	\$.50/Minute Air Time

In summary — user benefits

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NO INTERRUPTION

- Unwanted "walk ons" are impossible.

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 City _____ State _____
 Phone _____

(Continued from page 4)

enough members to fill an electric car, yet small enough to hear the explanations of the guides.

To most, the mine was a surprise. The temperature was mild and the darkness wasn't all that bad, since all had their lights on, and the walls are sprayed with powdered limestone, to keep down the danger of fire. Equipment, which moved in surprising abundance, was well lighted, too.

The groups stopped briefly in a deserted stretch of tunnel and shut off all their lights, to get an idea of what real darkness is.

Much of the equipment in the mine was powered by 300-volt overhead power cables, much like old-time streetcars. In most cases, the roof was high enough to permit comfortable standing. To the surprise of some, much of the work was done by sophisticated machinery. In one instance, a mining machine, which almost liter-

ally chews coal out of its seam, was operated by remote control, to get into an area where roof supports had yet to be installed.

Back on the surface, the directors had an opportunity to go into a strip mine and watch an enormous electrically powered shovel that moves 148 cubic yards of overburden at one bite. It's fed by a five-inch diameter power cable that carries 7,200 volts.

Hundred-ton coal and dirt trucks came and went frequently, and a massive drill sat punching holes into the stone for explosives, which are used to break up the overburden before it's taken off by the shovel. Placed on about 30-foot centers, the holes are filled with explosives—550 pounds each—to break up the stone.

At the coal processing plant, the directors learned that coal from three mines is processed there, to the tune of about 5.5 million tons a year.





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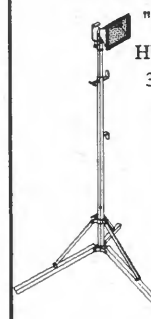
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DOB: 01/12/76 WEIGHT: 120
WHITE/HISPANIC FEMALE HAIR: Black



JAMAL ABDUL'FARUQ

LAST SEEN: 04/16/90 EYES: Brown
FROM: Richmond, Va HEIGHT: 4'5"
DOB: 08/12/82 WEIGHT: 47
BLACK MALE HAIR: Black

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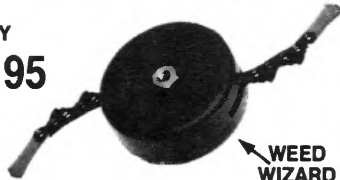
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Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

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SHELBYVILLE, ILLINOIS



A full-time employee of the Farmers Home Administration in Shelbyville, Eversole is looking forward to retiring in two years. More time can then be devoted to being an auctioneer and antique dealer.



Tony Eversole cries a local sale while his mother, Pat, helps spot bids from the auction trailer.

'Pat Wants' . . .

From time to time, the local newspaper carries an ad that begins: **Pat Wants** That means Pat Eversole is interested in buying certain antiques.

Pat said she had a great aunt who owned a beautiful china cabinet filled with "pretties." As a child, she sat in front of the cabinet and admired its contents. That was the beginning of her love affair with antiques of all kinds. She says her antique shops have evolved out of necessity (as most do). Thirty-five years ago, Pat clerked auction sales for Ralph Ulmer of the Stewardson-

Strasburg area. When Ulmer failed to receive a bid, he would say "Oh, well, Pat will take it." Of course, she did; and her collection grew rapidly. "When our collection outgrew its surroundings about 20 years ago, I opened the first shop in a building at our home. The shop is now located behind their home south of Shelbyville on Cedar Street Road. Pat also maintains a booth at the Wooden Nickel antique mall in downtown Shelbyville. She believes it is necessary in this area to keep prices reasonable. "Of course, our low overhead here at the house and

at the Wooden Nickel helps. The dealers in large cities have to include their operating costs into their prices."

Having been a collector, antique dealer, and auction clerk led Pat to the next logical step. She explains that she always wanted to learn to be an auctioneer. "I told my husband, Joe: 'Hey—that auctioneer is having more fun than I am. I want to do what he's doing.'" Ten years ago, Joe answered that since her family was raised, she had better get started and "do it now!"

That she did—Pat attended the Reisch Auction School in Mason City, Iowa. There were 14 females attending that session; and Eversoles says "My big claim to fame at that school was that I was the only grandmother attending."



Pat helps while son, Tony, cries a local sale. At every event they announce "We want to make this very clear. Although we are collectors and dealers, we buy nothing before a sale. No bids will come from this truck. If anything is purchased by us, it will be a legitimate bid from the auction floor."



Shown in her living room, Pat says her home is for living. The items in her home are for her and her family. "This is my private collection. Although it looks like an antique shop, there are no price tags on these things!"

She explains that the two-week course was a very intensified experience. The students lived and attended all-day sessions in the school's converted motel. While there, they were educated in the psychology of selling as well as the first thing you would think of: how to "cry." The cry is each auctioneer's individualized way to call at a sale. Also stressed at the auction school were the finer points of clerking, cashiering, and ringing (how to most effectively hold up items for the auctioneer to sell).

Pat explains that there are many female auctioneers in the country (She is the only one in Shelby County), but she has never heard another lady call a sale. "Therefore, I have no one to compare my cry to."

All of the Eversoles—Pat, Joe, and their four children—are collectors of different things; and now the family tradition has gone one step farther. Son Tony, 31, has joined his mother in the auction business. Working in construction, Tony found he had a lot of free time in the winter. No stranger to auctions, Tony had helped at the Bruns Auction Center in Tower Hill working the ring. Last winter, Tony spent two weeks at the Missouri School of Auction in Kansas City.

Tony finished his schooling in February, and he and his mother had their first sale in April. Of course, Pat is very proud of her son: "He is good now, and experience is helping him learn rapidly." Both Eversoles believe their experience in the antique business helps with

their auction team. Pat explains that many people think they must weed out items in preparing for a sale. "We tell them not to touch a thing until we look at it. One person's junk is another's treasure."

Working with an interior decorator, Pat sells and displays many of her finds at such places as Stoney's in Dalton City. Many private homes are graced with items that 'Pat Wanted' and collected. She explains that it's not all business—"There are many sentimental articles I would not sell at any price!"

Pat Eversole's house, shop, and booth are full of all types of collectibles. When asked, "What does Pat want Now?" She replies: "I never cease seeing something I want." That's the life of a collector, dealer, and auctioneer!

YOGI BALLS

- 2 eggs
- 1 cup sugar
- 1 tablespoon butter
- 1 8 oz. pkg. dates, chopped fine

- 2 cups Rice Krispies
- 1/2 cup chopped nuts
- 1 teaspoon vanilla
- 1 cup coconut

Cook beaten eggs, sugar, butter and dates over low heat in heavy skillet until thick. Remove from heat, add Rice Krispies, nuts and vanilla. Cool and shape into balls and roll in coconut.

ORANGE RICE BALLS

- 1 (12 oz.) can frozen orange juice, thawed
- 3 cups Rice Krispies, crushed
- 1 cup powdered sugar
- 1 cup chopped pecans
- 2 cups coconut

Mix and make into balls. Roll balls in powdered sugar. Note: Frozen lemonade can be used instead of orange juice and add 1/2 to 1 cup more sugar.

GRAHAM CRACKER COOKIES

- 24 graham crackers
- 1 cup oleo
- 1 cup brown sugar, packed
- 1 cup pecans, chopped

Bring oleo and brown sugar to boil. Arrange graham crackers on oiled cookie sheet, covering entire sheet. Pour syrup and nuts over crackers and bake for 10 minutes (don't over bake). Cool and cut into 48 bars.

CHEESE MEAT LOAF

- 1 small onion
- 1 lb. ground beef
- 1/2 cup milk
- 1 egg
- 1 teaspoon salt
- 3/4 cup uncooked quick oats
- 1/2 cup cut-up Cheddar cheese

Mix all ingredients well. Shape in a loaf in a baking pan. Bake at 350° about one hour until browned. Makes 6 servings.

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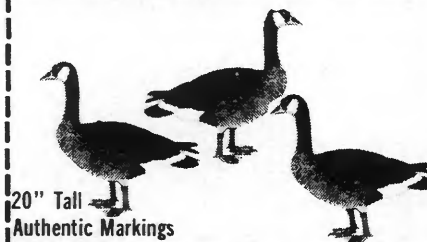
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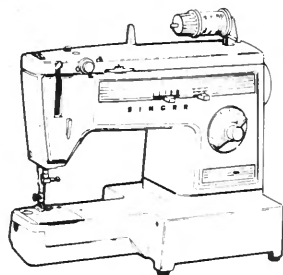
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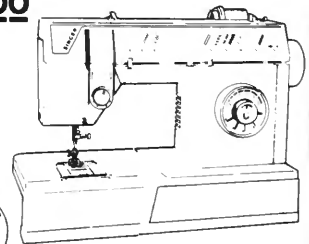
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Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

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SHELBYVILLE, ILLINOIS

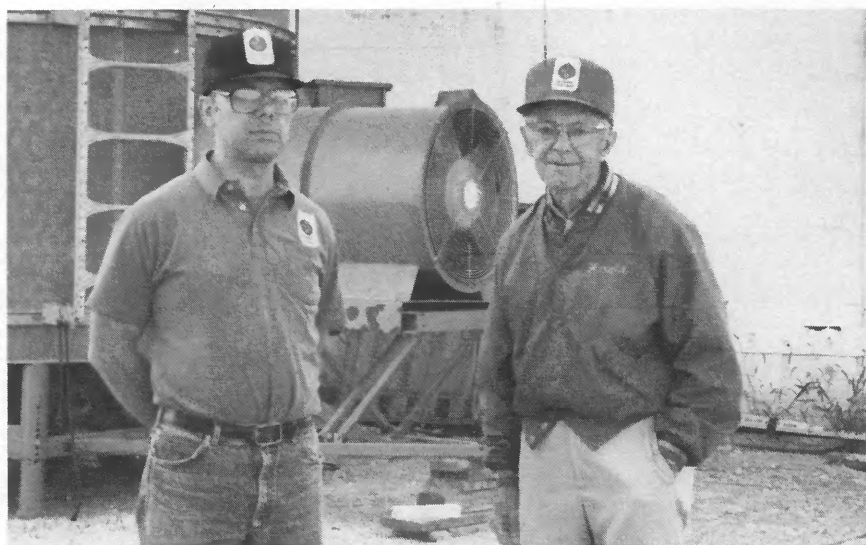
Quality control is number one at Garwood Seed Company

It is truly a "golden harvest" in late September and October at the Garwood Seed Company of near Stonington. Golden Harvest is the brand name of hybrid seed corn and soybeans grown, prepared for sale, and marketed by Garwoods.

Harold Garwood explains that the present business, Garwood Seed Company, was incorporated in 1960. Prior to that time, business was conducted as Frank Garwood and Sons. A tradition for bringing technical advances to farming is a trademark for the Garwood family. Mr. Garwood explains that his father, Frank, and his brothers brought the first combine to the area. Not only was it the first combine east of the Mississippi River, it was the first in the world used for combining soybeans. In 1924, the Garwoods purchased the Massey-Harris machine from the Canadian firm. Three engineers came from the factory to make the conversion from wheat to soybeans.

Doug is the third generation in the family business. He is a busy man who found time during the hectic harvest season to join his father in explaining some of the vast operation to us. He says that corn and soybeans are grown on approximately 1,500 acres around Stonington. Virtually all of that land is owned by members of the Garwood family. The present planting ratio is about three acres of corn to one of soybeans.

Doug, Carl, and Harold Garwood explain the steps in their hybrid



Harold and Doug Garwood are second and third generation seed corn producers.

seed corn process as follows: The corn is brought to the facility and is weighed in by the driver. It is then dumped into the main hopper. All seed corn is picked on the ear and is not shelled.

The first of many conveyor belts takes the corn from the main hopper to the drying bins. The 1990 season is the first to utilize a new drying building. As the corn is conveyed to the new bins, it passes a five-person inspection team. They watch the belts for any stalks, shucks, field corn, or inferior ears. Contrary to popular opinion, seed corn does not grow on long, full ears as does field corn. The seed corn is a hybrid—which means the pollination is different and kernel development is different.

The new drying facility has

almost doubled the capacity of the Garwood drying process. The building contains six bins with an approximate capacity of 1,250 bushels each. The bins are built on a slope, and are filled seven to 10 feet deep. A four-inch natural gas line from Stonington provides the natural gas used in drying. When the moisture content is down to about 12½ percent, the ear corn is moved again by conveyor to the sheller. After each bin is emptied, it is completely swept down. This prevents the mixing of any different types of seed corn.

On the way to the sheller, the corn once again passes by a group of quality control checkers. They are looking for anything that might have been missed by the first group. Of course, a byproduct of the



As the corn enters the process, it goes through its first quality control check. Here, Sheryl Griffin, Phyllis Qualls and Judy Martz inspect the ears and pick out the substandard ones.

university level, Doug explains that the technical side of the hybrid seed corn and soybean business is not for the layman. (Doug earned his Bachelors and Masters degrees from the University of Illinois—and his PhD from Penn State in Genetics.)

The Garwood family motto must surely be "Quality Control is Number One." The Golden Harvest brands of hybrids have certainly had the undivided attention of the Garwoods from planting through harvesting, and on to readying it for sale to the farmer. The Golden Harvest Brochure says: "There's one farmer we can't satisfy—us!" After visiting the Garwood facility, we're sure that is correct. They are very sure of the quality before the product goes on sale at their farm or through dealers across the state. They say they are "seedsmen who measure up to a tough standard"—we believe that.

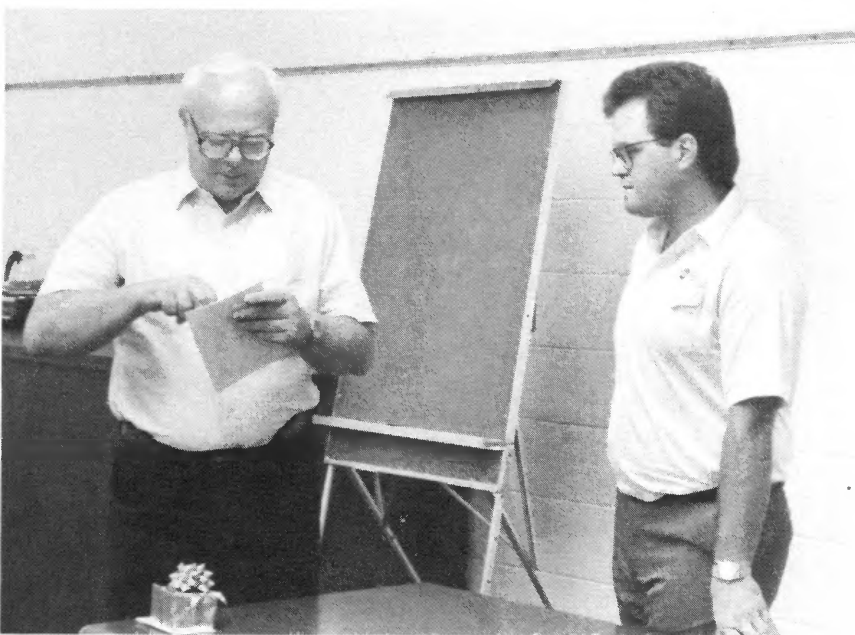
sheller is the corncob. These are piled at the rear of the building. They will be sold for various uses, one being cosmetics. Infertile ears sorted from the seed corn are sent to the elevator.

Upon shelling, the seed corn is stored in on-site bins. After the harvest season, it will be tested, checked, and sorted again. The last step in the process is the sacking into the Golden Harvest bags prior to sale to area farmers.

In the last few years, the Gar-

woods have almost doubled their warehouse space. This is storage for the bagged corn and soybeans. A new temperature and humidity controlled warehouse was added. Harold and Doug explain that the controlled environment maintains the seed's viability for a longer period of time. Of course, anything left from a previous year must be taken from the bags and retested. It will then be rebagged for sale if it is up to their high standards.

Having taught genetics at the



Simmering retires

On July 10, his 62nd birthday, Dick Simmering retired from the job of Director of Engineering Services at your cooperative. A graduate in engineering from the Citadel, Dick joined the cooperative shortly after a tour of duty in Korea. We are sure that Dick, an avid hobbyist, will have no trouble filling his spare time with woodworking, "ham" radio, cooking, working with his computer or just plain "tinkering around." Although he is missed greatly, all of his co-workers wish him the very best in his retirement. Dick, at the left, opens a card and gift presented to him. At the right is Jim Coleman, manager.

is Act takes effect upon becoming law.

Michael J. Madigan
Speaker, House of Representatives
Philip J. Keok
President of the Senate

APPROVED

this 12th day of September, 1990 A.D.

James R. Thompson
GOVERNOR

157 31
82
161 83
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164 85
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86

New legislation will preserve co-ops' invested capital

Legislation signed in September by Gov. James R. Thompson will benefit members of Illinois electric and telephone cooperatives. The legislation, sponsored in the General Assembly by Rep. Larry Woolard (D-117, Carterville) and Rep. Todd Sieben (R-73, Geneseo), preserves invested capital for the cooperatives' members and reduces accounting paperwork related to cooperative capital credits. A large number of other members of the legislature representing cooperative service areas were co-sponsors.

As not-for-profit corporations, electric and telephone cooperatives—owned and controlled by members they serve—do not earn profits as such. They hold operating margins in reserve to minimize the need to borrow money in the event of major damage to their systems. Any excess of income over expense is credited to the individual account of members and is returned to them as soon as it is possible to do so. Most co-ops in Illinois return capital credits to their members as soon as the cooperative's financial position permits.

H.B. 2936 solves a problem for

electric and telephone cooperatives that is created when some of the members from earlier years leave the cooperative service territory. Cooperatives attempt to maintain addresses of former members in the belief that the members are entitled to the money when capital credits are retired. Occasionally members cannot be located. Unclaimed capital credits previously were turned over to the Illinois Department of Financial Institutions under provisions of the Illinois Uniform Disposition Of Unclaimed Property Act.

Under the previous law, the state acted as a "custodian" of abandoned property until the owners were located. Cooperative leaders and the sponsoring legislators believed cooperatives, if permitted to perform this custodial function, could do the job more effectively. Former members are more likely to contact the cooperative rather than the State when inquiring about capital credits, bill supporters said.

Capital credits are a unique form of property, unlike any other property subject to the Act. These funds represent a donation of capital by members of the cooperative, intended to be used for the benefit of the entire membership in assuring adequate and reliable electric or telephone service in rural areas in future years.

Although co-ops succeed in delivering capital credits refunds to more than 95 percent of their members, some former members cannot be located. No other property would be exempted by the bill. Other forms of unclaimed property, such as deposits and overpayments by the members, would be subject to the Unclaimed Property Act, just as they are for other energy and telecommunications providers.

Illinois joins a growing number of states approving legislation to exempt the capital credits of electric and telephone cooperatives from state unclaimed property acts.

There is little financial impact on the State of Illinois from approved of the bill. In the past five years, about \$30,000 per year has been delivered to the State of Illinois from all electric and telephone cooperatives.

MISSING



WALTER THOMAS ACKERSON

LAST SEEN: 03/24/90 EYES: Blue
 FROM: Yachats, OR HEIGHT: 5'7"
 DOB: 07/06/73 WEIGHT: 128
 WHITE MALE HAIR: Blonde



TONI DANIELLE CLARK

LAST SEEN: 03/16/90 EYES: Brown
 FROM: San Bruno, CA HEIGHT: 5'3"
 DOB: 06/04/72 WEIGHT: 110
 BLACK FEMALE HAIR: Black

If you can identify these or any other missing children, call The National Center for Missing and Exploited Children at:

1-800-843-5678

(sightings only)

This message is brought to you as a public service by Association of Illinois Electric Cooperatives, in cooperation with National Child Safety Council.

-Safety Tip of the Month-

Be sure your child knows what to do in case you become separated. If separated while shopping, your child should not look for you, but go immediately to the nearest clerk and ask for assistance.

© National Child Safety Council 1988 • All Rights Reserved • LITHO USA

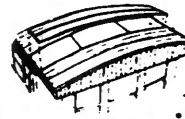
If you want to personally help end this national tragedy, or need additional information, please call:

1-800-222-1464

Buying, selling or trading?

Then you need to look through the Illinois Marketplace advertising section beginning on page 22.

ATTENTION MOBILE HOME OWNER!
 KEMCO ROOF-OVER System is the Ultimate Solution for a Problem Roof!



- REDUCES HEATING & COOLING COSTS.
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 - BUILT IN OVERHANG & GUTTERING ELIMINATES WATER STREAKS ON SIDE OF HOME.
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\$ 99

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END SEPTIC TANK BACKUP CLOGGING and SMELL

RESULTS VISIBLE OVERNIGHT!

WHY SEPTIC TANKS BACK UP Septic tanks Clog, Backup and Smell because of household cleaners, which are great for dishes, laundry and floors, but kill good bacteria in your tank and cesspool that normally digest solid wastes, fats, greases and starches. Without this bacterial action solid waste builds up in your system. They overflow into and clog your drainfields, lines and back up into your tank, causing overflows and smells. Even pumping your tank will not clean out the pipes or drainfields, but SEPTIPRO® will!

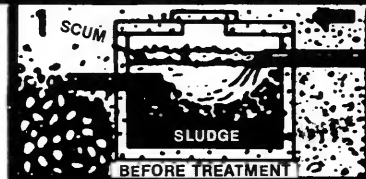
HOW SEPTIPRO® WORKS TO SAVE YOUR DYING SYSTEM! It goes to work immediately with 3 Safe Potent Enzymes and Bacteria supplement that works with your good bacteria to break down and digest fats, greases, starches, and all organic waste materials including paper and cotton fibers. It converts and liquifies all organic solid wastes. Cleans tank, pipes, and drainfields. Drainfields become porous allowing earth to absorb. The entire system opens and works from beginning to end.

SEPTIPRO® SAVES YOU MONEY! No more costly mechanical cleaning, digging or pumping.

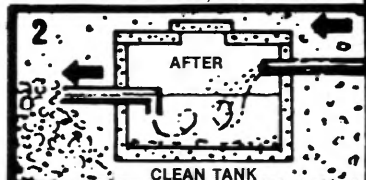
SAFE AND EASY TO USE! Just pour SEPTIPRO® into your commode, let it work! Results usually visible overnight! Non-toxic, Poisonous or Corrosive. Harmless to Humans, Animals or Plumbing. Will make your system odor-free. SEPTIPRO® IS GUARANTEED TO KEEP YOUR SEPTIC SYSTEM TROUBLE FREE OR WE WILL REFUND EVERY PENNY YOU PAID FOR YOUR SEPTIPRO®. 1 lb. for initial treatment of 1000 gal. tank or for maintenance 1/4 pound once a month.

I understand that SEPTIPRO® is fully guaranteed and if it does not do as claimed, I can return the unused portion within 30 days and get all my money back.

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 Order Now! Money Back Guarantee!
SAVE ON LARGER SIZES



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SOLIDS DIGESTED AND LIQUIFIED NOW ABSORBED IN OPENED DRAINFIELDS

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|---|---------------------------------------|
| <input type="checkbox"/> 1 lb. \$ 9.95 plus \$2.00 P & H total \$11.95 | Check <input type="checkbox"/> |
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| <input type="checkbox"/> 4 lbs. \$23.30 plus \$3.50 P & H total \$26.80 | MasterCard <input type="checkbox"/> |
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- Account No. _____
 (All digits) _____

Expiration Date _____ - _____

Signature _____

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Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

The friendly country florist

When we think of rural business, agriculture comes to mind: usually, farming, fertilizer, seed corn, or possibly implement dealers. A floral shop could rank with the group of least likely rural businesses.

Nancy's Floral Creations is the exception to the norm. Located south and west of Rosamond, Nancy Crowe's flower shop is most definitely in a rural area. Approximately three years ago, Nancy and her husband, Terry, built the building next to their home to give the family more living space.

Four years ago, Nancy realized her boys were growing up, and she wanted to do something in addition to her housewife chores. Having always liked to work with her hands, Nancy chose to attend a floral design class. She attended and received her cer-

tificate for a three-month course from Lincoln Land Community College, Springfield. After class, she says, "I thought I would work part-time for someone—and I didn't. I started a floral business that was quickly outgrowing our home!"

Nancy explains that when they build the new shop, it had a dual purpose. It is a lovely shop, but could be converted to a garage if the business didn't work out. "It was one of those things If it works—it works. If it fails—it fails," commented Crowe.

Since opening three years ago, Nancy has had little time to contemplate failure. She operates a full-line floral shop—complete with silk arrangements, dried arrangements, live green planters, and, of course, fresh-cut flowers. She uses the Redbook Wire Service to enable her

to receive and send orders anywhere in the country. If desired, a customer can specify an arrangement from a catalog. Nancy says most customers leave that decision to her judgment. She explains that she did not choose one of the major wire services because "In a rural area like mine, most people do not want to pay the high prices the big companies require for their standard arrangements."

Nancy says that her sons (now 13 and 16) and husband, Terry, are a big help. The boys help in the shop and with some housekeeping chores. They are especially handy when an order calls for a large amount of balloons. A fuel truck driver, Terry is a willing deliverer. The shop delivers to the Pana and Nokomis funeral homes free of charge. A small charge is made for all other deliveries.

When asked about how her customers prefer to shop, Nancy explains that many call in their orders. Some do enjoy the ride in the country and come in to the shop to make their selections. Some customers bring their own special containers to be filled. Always respectful of her customers' wishes, Crowe asks how much they would like to spend. "People in this farmland area want their money's worth. Dried arrangements and silk flower arrangements are popular. They don't mind spending the money for a worthwhile product."

Being a full-line florist means, of course, decorating for weddings—one of Nancy Crowe's favorite aspects of the business. Nancy's Floral Creations handles all phases of wedding planning and deco-



To find the rural floral shop, one would either follow the sign out of Nokomis—or from the east edge of Rosamond, take the Stringtown road south until the road comes to a "T." Turn west and travel to the first house on the north side of the road. The friendly country florist is open weekdays from 9 to 5 p.m. On Saturday, she is open from 9 to noon—or by appointment.



Wedding preparations—Nancy Crowe arranges flowers on a large brass candelabra.



Nancy checks the dates of her up-coming Christmas openhouse: November 30, December 1 and 2.



A busy place—the work station where Nancy does her creating.

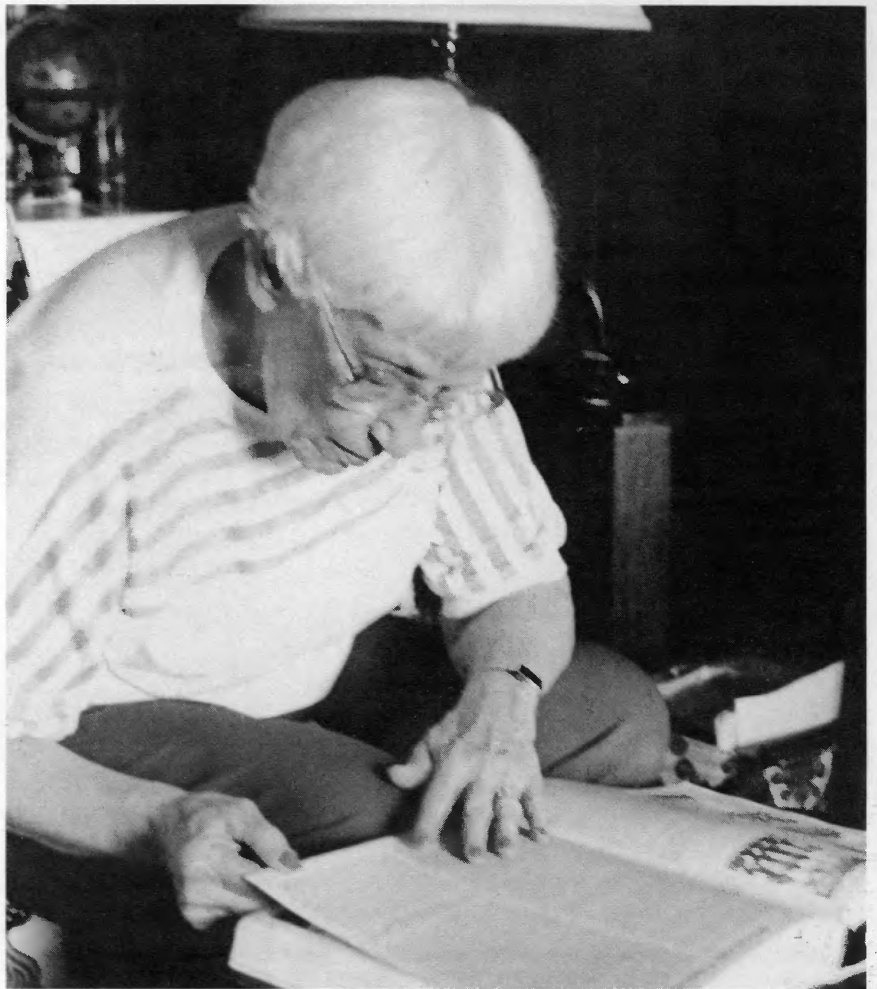
rating. She will order the invitations, make arrangements for the rehearsal and, of course, take care of decorating the church and reception hall. She will also provide balloons, aisle runner, candelabra, globes, and bows. Having been in the business for three years, Nancy has learned many of the local churches' traditions and rules regarding weddings and decorating. For instance, the old tradition of

throwing rice has been curtailed almost everywhere. Some churches will not allow using birdseed to replace the rice, so many brides choose to release balloons. Nancy will hand-make the bride and groom's unity candle using their wedding invitation in the center. One of her favorite services is the making of the bride's (and bridesmaid's) headpieces. Each bride asks for something a little special, and it

is a perfect opportunity for Nancy to unleash her creative talents.

Nancy Crowe has appropriately named her business Nancy's Floral Creations. Working with any medium, she relies on her education, experience, and most of all, her creativity. Her logo motto is "Your Friendly Country Florist." Indeed she is—very friendly—indeed she is a fine florist—and indeed she is located in the country!

Mary Fielding looks over a historical reference book. She has completed a book of pen-and-ink drawings of Iroquois County grain elevators. Fielding entitled the book *Prairie Skyscrapers* and gave it to the local historical society to sell to raise funds. All elevators in the county are represented in the book.



Prairie Skyscrapers

Some artists deal with wide open spaces or seascapes. Others will work for hours to get a drawing of a simple bowl of fruit "just right." Mary F. Fielding of rural Milford is different. The Eastern Illini Electric Cooperative member does pen and ink drawings of grain elevators.

The wife of a long-time elevator employee, she began the elevator-sketching hobby as a favor to a friend whose family owned an elevator. The family was putting a brochure together and needed sketches of the elevator. "I found that they were surprisingly interesting," she says. Her husband, Gayle, still works as an accountant for the A.T. Sumner and Sons family, which still owns the elevator.

An avid historian, she has

made drawings of every elevator she could locate in Iroquois County—44 in all—has written a brief history of each one, and had them made into a book, which she gave to the Iroquois County Historical Society in Watseka. The society sells the books to raise funds.

She knew, also, that grain elevators were the biggest business in the county, often being the only enterprise left in a once-thriving community.

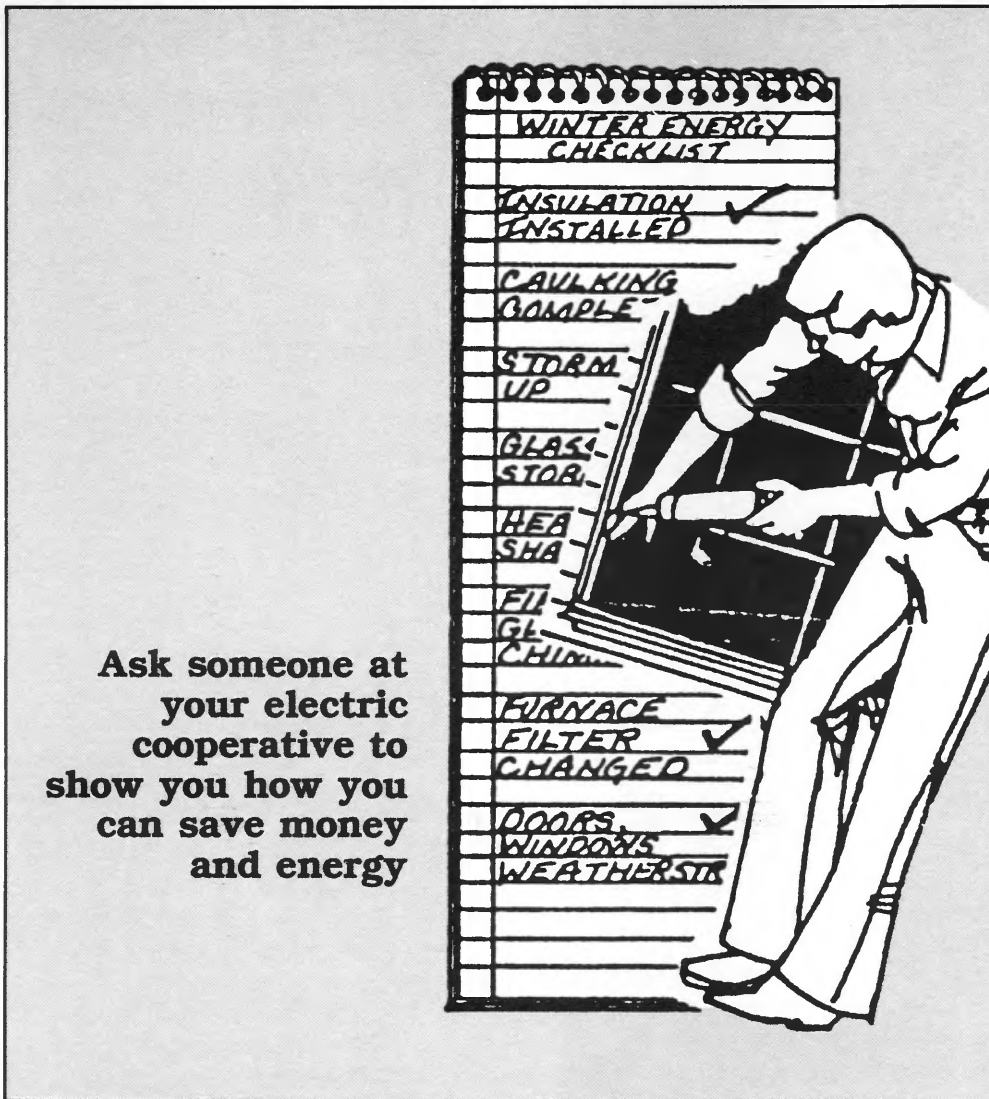
"There's one elevator," she says, "that's the only thing left of the town. All the other buildings are gone. As far as I can tell, about every town in the county had an elevator, except L'Erable, up in the northern part of the county." she had to do a little traveling to get her drawings, and that was kind of a new

experience. "I hadn't even been across the tracks to Del Ray before," she says, "and I hadn't even been to Thawville, either, and that's just 25 miles away, over on the other side of the county. But there's an elevator there, so I went."

She spends a surprisingly small amount of time "in the field," she says. "I'd go out there and find a good place, an I'd make a pencil sketch. Then I'd go back home and do my ink drawing. It used to take a while, but I got to where I could do a good sketch in half an hour."

"It's not that hard," she says with a smile, "because I know what they look like, now."

She remarks that she's been interested in art of some kind "longer than I care to remember," and that she



Ask someone at your electric cooperative to show you how you can save money and energy

- ___ Run the clothes washer and dryer during "off-peak" times? (Check with your electric cooperative for the off-peak times.)
- ___ Keep the water in your water heater clean of sediment that can build up around the electric element and cause premature burn-out?
- ___ Turn the heat-air conditioning off in unused rooms and close those rooms off from the rest of the house?
- ___ Cover stovetop pans to boil water quicker?
- ___ Run only a full dishwasher?
- ___ Take showers rather than tub baths?
- ___ Turn off lights in unused rooms?
- ___ Keep lamps clean? Dirt absorbs light.
- ___ Turn off the TV, lights, radios and stereo when not in use?
- ___ Understand R-values? R-values measure insulation capa-

- bility. The higher the R-value, the better insulator it is.
 - ___ Use kitchen and bath ventilating fans sparingly? In just one hour, exhaust fans can empty a houseful of warm or cool air.
 - ___ Wear warm clothing indoors in the winter?
 - ___ Open the draperies on sunny days and close them at night?
 - ___ Keep radiator surfaces dust-free?
 - ___ Is your house equipped with an energy-efficient electric heat pump?
- If you answered "yes" to all questions on the checklist, congratulations! You use electricity wisely. If you answered "no" to many of them, however, ask someone at your rural electric cooperative to show you how you can save money and energy by conserving right at home.



Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS



Merry Christmas and a Happy New Year

to all of you from all of us at Shelby Electric Cooperative



Home energy decisions



“Gas—the better choice.”

“Heat your home electrically.”

Confused about what is the best home heating system? Is gas the better choice? Maybe. Is it better to heat your home electrically? Maybe. It depends. It depends on a lot of things such as personal preference, installation costs, availability of energy supplies, energy cost, health risks involved, etc.

But wouldn't it be nice to know if you are getting the best value for your heating dollars? Without considering the factors already mentioned, there is an easy method to determine what type of heating system is most economical.

It's called the “breakeven” equation, and it tells you the breakeven point of the price of one type of energy supply versus another. It does this by comparing the efficiency, British thermal unit (BTU) heat values, and price of energy of one heating system to another heating system. After calculating the breakeven price, you can easily determine whether you are getting the most heat for your dollar.

It's simple! If you are paying more than the breakeven price, the new energy system is the better buy. If you are paying less than the breakeven

price, your existing energy system is the better buy. Please note that this equation does not tell you how to conserve energy—it just compares one type of heating system to another under the same given conditions.

An easy way to understand how this equation works is to realize that a certain house is going to require the same amount of heat (BTUs) to keep it warm regardless of whether the heat is provided by electricity, gas, wood, or oil. This does not mean that weatherization, payback periods, or time value of money should not be considered when selecting a heating system. It simply means that at today's fuel prices and with your home's given conditions one type of heating system is more economical than another.

The equation is as follows:

$$\frac{[(\text{Existing energy}) S \times V] \times \text{Proposed energy price } (\$)}{[(\text{Proposed Energy}) S \times V]}$$

= Breakeven price of existing energy

The “S” and “V” stand for seasonal efficiency and heat value, respectively, and their corresponding values can be selected easily from the following tables. All you will need to know in order to work