

February 1978

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Illinois Rural  
Electric News



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# Illinois Rural Electric News

## Good men who did great things

Two good people were lost to the nation in January. And the loss was especially great to rural America and rural electrification.

Both Senator Hubert H. Humphrey of Minnesota and Senator Lee Metcalf of Montana were champions of "the little guy"—the common man. Their deaths just over a week apart during the congressional recess will leave a void in the U.S. Senate that will be felt especially deeply in rural America.

Hubert Humphrey, as a U.S. senator, as Vice President and as a candidate, was a common sight at gatherings of rural electric people. He came to the Senate after having served as a big city mayor, but his roots were deep in the soil of rural South Dakota.

These roots were a guiding factor in his career as a statesman and politician. In fact, his maiden speech on the floor of the Senate on March 2, 1949, was about REA. Speaking in support of the creation of a Missouri Valley Authority, Humphrey pointed out that "low-cost power is important to farmers, whose REA cooperatives are short of power and are today being bludgeoned into long-term wholesale power contracts to take them out of the market when public power becomes available."

Only two years ago Humphrey was the recipient of the National Rural Electric Cooperative Association's Distinguished Service Award. The award cited him for his "boundless energy, indomitable spirit and steadfast determination (which) have constituted essential ingredients in the improvement of rural living in America and throughout the world."

In accepting the award, Humphrey was every bit as full

of boundless energy, indomitable spirit and steadfast determination as the plaque said he was.

To the delight of the assembled thousands at the meeting in Anaheim, California, he tossed away his prepared speech and recalled the many battles in which the electric cooperative delegates and he had been involved.

Senator Lee Metcalf, too, was known for his championship of the causes of the little man in the Senate, where he gained a reputation as the "last of the traditional western populists."

Even before he entered the Senate, Metcalf was battling effectively on behalf of rural electrification. While the Air Force was seeking approval for a defense communications system called SAGE in 1956, he learned that the Defense Department was bypassing existing rural electric and telephone cooperatives in seeking contracts to service SAGE facilities.

"If under the guise of defense, the federal government is going to subsidize parallel electric and telephone lines to co-op service areas, our co-ops are going to wake up some morning and find themselves dead," he told his colleagues. He made his point, for the final authorizing legislation made certain that electric and telephone cooperatives would be given an opportunity to serve defense facilities in their areas.

What *The Washington Post* said about Hubert Humphrey could also be said about Lee Metcalf:

"He was a good man—a good man who did great things."

*(Excerpts from the January 20, 1978, issue of the Rural Electric Newsletter)*

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ON THE COVER: Mrs. Mildred Leefers and her granddaughter, Viki, admire Mrs. Leefer's "Angelic Chorus," her first venture into carving. The angel on the far right of the second row was her first, and was carved with just a paring knife. She won a blue ribbon with the chorus at the Macoupin County Fair, and won a special award at the Sangamon County Fair in 1962. (See story on pages 30 and 31.)



# Cooperatives' conservation programs can save energy and hold costs down

In addition to helping conserve the nation's energy supplies, electric cooperative personnel can show their members how they can save money on their electric bills, a North Carolina cooperative energy conservation specialist told participants at an energy conservation conference in January.

Doug Johnson, of Blue Ridge Electric Membership Corporation, Lenoir, N. C., was among a series of speakers on the program of the Energy Conservation Update in St. Louis, sponsored by the National Rural Electric Cooperative Association (NRECA) for cooperative personnel from over the Midwest. Representatives of several Illinois electric cooperatives were among the participants at the meeting, part of an ongoing program to help cooperatives and their members keep their energy costs down.

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**"... We've found many ways for them to save money on their energy bills."**

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The conference featured speakers from government agencies, electric cooperatives, NRECA and private businesses.

Participants generally agreed that the American lifestyle is going to have to change, probably fairly sharply. "Energy conservation will be necessary to keep many of the things we now have," said Chris Newman, member relations and communications

consultant for NRECA, "and the ranch style home as we know it will probably have to go. The three-bedroom, two-bath, two-car-garage house is no longer the great American dream."

While energy costs—including electricity—are expected to continue climbing, there are things Americans can do to prevent too radical a change of lifestyles. Conserving energy—thereby saving money—is one way.

"And that's where we help our members," Johnson said. "Blue Ridge performs energy audits for its members if they request such audits, and trained personnel from the cooperative go through the member's home from basement to attic, looking for ways to save energy."

The employees are trained to look for large heat losers, such as inadequate insulation and a lack of storm windows, as well as smaller energy wasters, such as dripping faucets and bad weatherstripping.

"We have four energy conservation specialists going out to our members' homes to do audits," Johnson said, "and we've found many ways for them to save money on their energy bills."

Johnson notes that savings on the average home energy bill would amount to 20 to 33 percent if all his conservation measures were followed. The most common shortcoming in many homes, he adds, is inadequate attic insulation, with the lack of storm windows being second. "We don't do work on members' houses," Johnson says, "but we do keep a list of



contractors who have done a good job in the past, and we make it available to members who want to have work done."

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**"People still don't believe our energy sources are winding down."**

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Leonard Parsons, energy conservation specialist for Valley Rural Electric Cooperative in Pennsylvania, noted that a popular slogan during the Vietnam conflict was, "What if they had a war and nobody came?" He said, "Well, we've been in an energy war for the last four years, and nobody came. People still don't believe our energy sources are winding down. We need to continue to emphasize that our rates are going to follow the cost of living, and that there really is an energy problem."

ILLINOIS RURAL ELECTRIC NEWS



"Many homes have a \$25-to-\$90 heat loss because of faulty fireplace dampers," noted Bill Casey, president of Energy Efficient Systems, of St. Paul, Minn. "Legislative mandates will make it necessary to conserve," he continued, "and there are several reasons people aren't willing. It's difficult to change old habits, the status quo seems to be good enough, and there is a lot of trouble involved in maintaining a house in such a way that it is energy efficient."

But, he suggested, changes will have to be made. One change, he predicts, will involve more insulation. "It's mandatory to add ventilation if the homeowner is going to insulate," he said, "especially if they are going to insulate heavily."

Casey recommended that cooperative power use advisors urge their members to insulate well, install attic ventilation, soffit vents, and a thermostat and humidistat in their attics.



*Top photo: Representatives of two Illinois electric cooperatives listen during a conference session. From left, they are: Vic Ketten, Director of Member Services, Southwestern Electric Cooperative; Ray Riffey, Member Services Director, M.J.M. Electric Cooperative; Charles Witt, Manager, M.J.M., and Eldon Turley, Director of Member and Community Relations, Southwestern. Bottom photo: Earl Pillsbury, Special Services Coordinator, Menard Electric Cooperative, talks with Erbin Baumgardner, Volunteer Electric Cooperative, Tennessee, one of the conference speakers.*

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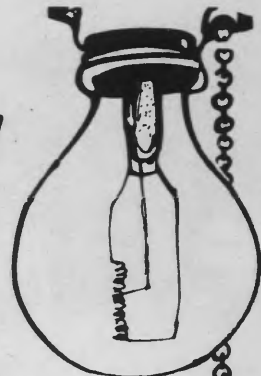
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**E**ach farmer provides food for more than 50 people, and one reason he can is that farming has become energy intensive."

Those were the words of Ray Weiss, member service advisor for Illini Electric Cooperative, as he opened the Conference on Alternatives for Grain Conditioning and Storage last month in Champaign.

"But," Weiss warned, "the energy sources many farmers have become accustomed to are becoming scarcer and a change to other sources is needed.

"Failure to shift away from oil and natural gas will produce disastrous consequences, and we must find ways to reduce our dependence on them."

The conference, designed to explore the techniques for handling grain during the critical harvest time, drew participants from over the Midwest and even attracted about 20 from Canada.

Larry Van Fossen, extension agricultural engineer at the University of Iowa in Ames,

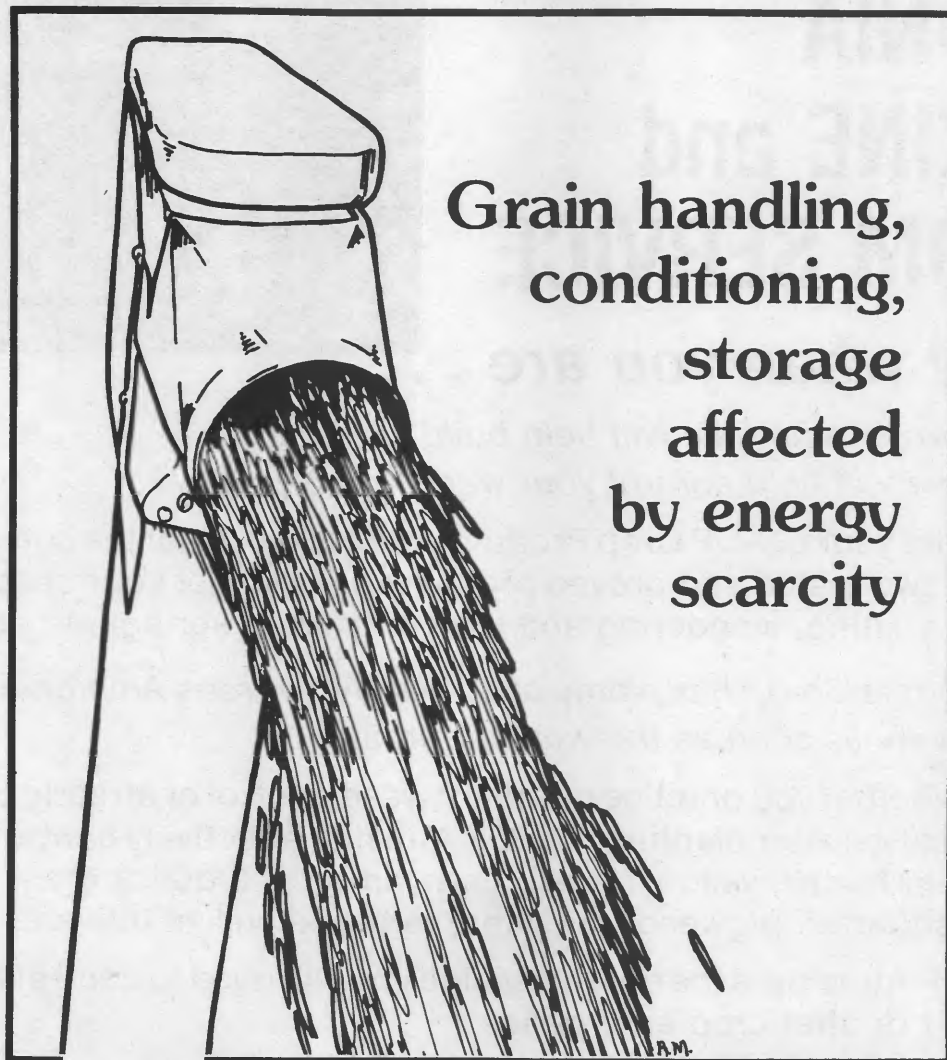
said, "You want to handle grain fast during harvest. The main thing then is to just get it out of the way. Your combine is going to cost you about \$70,000, and you don't want it to be tied up while you're waiting for a truck. You can't dry grain as fast as you can combine it, so you need to figure out a way to temporarily store it until you can get it dried down to where you can hold it.

"Many farmers," he continued, "are building big pits to dump corn in while the combine is in operation, and farmers are devising many ingenious systems for dumping that grain in a hurry."

John Dewey, a Penfield, Illinois farmer, is exploring another method—paper grain bins. The bins are made of

steel straps sandwiched between two sheets of tough kraft paper, much the same as grain doors for railroad cars, and Dewey, who has installed an aeration system in his bin, says it works well.

"It came rolled up in a roll about two feet in diameter," he says, "and it holds 4,000 bushels. I'm very pleased with it. When I'm done with it this year I expect to take it down, roll it back up, and store it. It should last indefinitely unless somebody backs into it with a truck and punches a big hole in it."



## Grain handling, conditioning, storage affected by energy scarcity

David Morrison, research assistant in the Agricultural Engineering Department, University of Illinois, suggested the possibility of allowing the grain to dry in the field to save fuel supplies, and noted that it may be possible to save energy by being careful not to overdry.

"Low-temperature drying takes days, if not weeks," noted Gene Shove, professor of agricultural engineering at the University of Illinois,

"and you need to keep your grain in condition. You have 40 days to dry 20 percent grain at 40 degrees, but it will work for you if properly managed. One horsepower of fan for each 1,000 bushels of corn will do the job, but two or three would be even better. You may need to add a little heat if the humidity is high. You need to add five degrees of heat to get the humidity down to 70 percent if it's 80 percent. Electric heat will give you this kind of increase.

"Solar heat offers a real potential, too," Shove said, "where you only need a three-to-four-degree rise. It's not the only way, but it is an alternative. The main thing is to plan, and you shouldn't wait until the corn is as tall as you are to start planning," he concluded.



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**B**ill Kinsey has his head in the clouds—and the rest of him, too. Kinsey is not a daydreamer, as are many people who have their heads in the heavens. He is a doer, and he gets into the clouds by building airplanes from the ground up.

Kinsey, who farms about 320 acres near Arenzville, is a member of Illinois Rural Electric Company, Winchester. He is a happy-go-lucky kind of individual who has had an interest in flying since childhood, when “flying” meant making and hand launching rubber-band-powered airplanes made of balsa strips and tissue paper.

“I started building model airplanes when I was in grade school,” he says, “and I learned to fly in 1946. Later on, I worked for nothing at the Greater Beardstown Airport, just as a hobby and for experience.”

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**“I had always wanted to build an airplane, and it was worth all the time and effort.”**

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“That was in 1968, and that was the year I started building my first airplane, too.”

He chose a Stits Playboy as his first project, largely because he knew a man who had a set of plans for sale, and promptly set about redesigning the plane. In the first place, the Playboy is a single-seater, and he wanted room for a pilot and passenger, so he



widened the fuselage to permit side-by-side seating.

He added 2½ feet of length to the fuselage while he was at it, and built all-metal wings in place of the called-for spruce and fabric wings. The plans called for an open cockpit; he added a sliding canopy.

The plane is made up of a welded steel tubing framework covered by a coat of fabric, and Kinsey's took five years to complete. He bought all the raw materials and fabricated all the pieces, he notes.

“I had always wanted to build an airplane,” he says, “and it was worth all the time and effort. That first flight gives you a real feeling of accomplishment. To think that you built something with your own two hands and it flew without any trouble. I flew it for the first time in December 1973.”

In its finished form, the aircraft has a 28-foot wing-span and is 21 feet





## only part of the fun

long. The engine is a 125-horsepower Lycoming which used to be attached to an electric generator. It pulls the airplane along at a 120-mph clip.

"I've used it mostly for local flights," Kinsey remarks, "but my nephew and I flew it to Lincoln, Nebraska to visit one of my sons. We landed once for fuel, even though we probably could have made it nonstop. We didn't want to take any chances on cutting it too short. We flew it to Fort Dodge, Iowa, once, too."

The plane is laid up now, awaiting

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**"... I'd have been all right if I could have had ten more seconds of power."**

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repairs following a mishap after the fuel pump failed just after Kinsey took off. "I was about 200 feet off the

ground when the engine quit," he laments, "and I'd have been all right if I could have had ten more seconds of power." The damage is limited to a collapsed landing gear leg and slight damage to one wingtip.

Kinsey and his 23-year-old son, Carl, who lives at the home, are working on another airplane, one they bought from a man in Princeton, Missouri. It is a Piper Tri Pacer, a four-seater with a tricycle landing gear. They are removing the nose wheel and putting a tiny tailwheel on the craft, to turn it into a "taildragger," resembling the Piper Pacer that preceded the Tri Pacer.

"The plane has been stored in a barn for four years or so," Kinsey says, "and the first thing it needed was a new covering, so Carl and I recovered it with Ceconite, which you put on over the framework and heat it with a household iron to shrink and tighten

*Upper left: Bill Kinsey and his son, Carl, show off the small Baby Great Lakes plane, an aircraft with wingspan and length about 16 feet each. Below left: The Kinseys spent a good deal of time this past fall rebuilding the Piper Tri Pacer and converting it to a Pacer.*

the fabric. You waterproof it by painting it with dope (a varnish)," he adds. The craft is painted now, except for the trim.

"The engine is a 150-horsepower Lycoming, and I'll need to do some engine work on it soon, too," he remarks. Work done on airplanes must be inspected and okayed by a licensed aircraft and power plant mechanic before the plane is certified as airworthy, Kinsey says.

"I decided to change the plane back to the Pacer configuration for a couple

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**"I think the Tri Pacer's kind of an ugly airplane, and the Pacer is a beauty."**

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of reasons," Kinsey notes. "First, my airstrip out here is kind of short—2,600 feet—and there are some soft places in it and a tailwheel airplane gives better performance on fields like that.

"Then, when you take off that big nose wheel, there's less wind resistance, so the airplane should fly faster. And," he laughs, "I think the Tri Pacer's kind of an ugly airplane, and the Pacer is a beauty. Part of the reason I'm changing back is because I'll have a better-looking airplane."

The third airplane is the Kinsey stable looks like a child's model scaled

*(continued on page 14)*



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A rich deep pink, long buds. Former patent no. 646



**MOJAVE**  
Gorgeous blooms of glowing orange. Former patent no. 1176



**STERLING SILVER**  
A pastel lavender tone. Sterilizing silver look. Former patent no. 1433



**PEACE**  
Magnificent blooms of yellow edged in pink. Former patent no. 591



**LOWELL THOMAS**  
A lemon yellow with fragrant blooms. Former patent no. 595



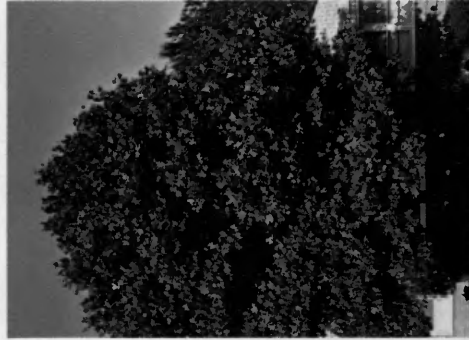
**NOCTURNE**  
Long perfectly formed buds. Velvety red. Former patent no. 713



**DIAMOND JUBILEE**  
A yellow and orange combination. Former patent no. 824



**MONTEZUMA**  
Gorgeous blooms of scarlet pink. Former patent no. 1383



The largest of all maples, and its beautiful array of yellow and orange hues make it a sight to remember due to the foliage thickness—A very hardy northern and southern tree and will grow up to 60 feet.

1 Tree \$1.19  
4 Trees 3.99  
8 Trees 6.99

This beautiful tree has very delicate foliage with snowy white bark, and compact form—it can be seen growing in all different climates and is an extremely fast grower. It is easily transplanted and many experts agree it will grow practically anywhere in the U.S.A. Grows to 60 feet.

1 Tree \$1.19  
4 Trees 3.99  
8 Trees 6.99

A large growing, hardy tree reaching heights of 80 feet or more. Its bright yellow leaves in the fall has tulip shaped flowers in the spring. Known best of all for its "fast growth rate" up to 40 feet at maturity.

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1 Tree \$1.19  
4 Trees 3.99  
8 Trees 6.99

Plant Name	Price	Plant Name	Price
Crepe Myrtle-Red, Purple, Pink, White, 1 to 2 ft. \$	.95 ea.	10 Hardy Garden Violet, Blue	1.49
Spiraea Van Houttei, 1 to 2 ft.	.85 ea.	10 Helterli Holly, 1/2 to 1 ft.	.75 ea.
Weigela-Red or Yellow, 1 to 2 ft.	.85 ea.	3 Passiflora Berry	1.49
Althea-Red or Purple, 1 to 2 ft.	.75 ea.	3 Passionflower	.95 ea.
Althea-Pink or White, 1 to 2 ft.	.75 ea.	6 Bird Foot Violet, Blue	1.49
Althea-Flower, 1 to 2 ft.	.75 ea.	6 Cadmus Juniper, 1/2 to 1 ft.	1.39
Althea-White, 1 to 2 ft.	.75 ea.	6 Trilliums, Mixed Colors	1.49
Althea-Red, 1 to 2 ft.	.75 ea.	6 Blue Bells	1.49
Althea-White, 1 to 2 ft.	.75 ea.	6 Maiden Hair Fern	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	4 Christmas Fern	1.49
Althea-White, 1 to 2 ft.	.75 ea.	3 Royal Fern	1.49
Althea-Red, 1 to 2 ft.	.75 ea.	6 White Violets	1.39
Althea-White, 1 to 2 ft.	.75 ea.	6 Hepatic, Mixed Colors	1.49
Althea-Red, 1 to 2 ft.	.75 ea.	4 Solomon Seal, White	1.49
Althea-White, 1 to 2 ft.	.75 ea.	4 Sweet Williams, Pink	1.39
Althea-Red, 1 to 2 ft.	.75 ea.	4 May Apple, White	1.49
Althea-White, 1 to 2 ft.	.75 ea.	6 Cardinal Flower, Red	1.49
Althea-Red, 1 to 2 ft.	.75 ea.	10 Witch Hazel, 6-10 inch	\$3.95
Althea-White, 1 to 2 ft.	.75 ea.	10 Weigela Red, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Red Bush Honeysuckle, 6-10 inch	1.98
Althea-White, 1 to 2 ft.	.75 ea.	10 Pink Spiraea, 6-10 inch	1.79
Althea-Red, 1 to 2 ft.	.75 ea.	10 Sweet Shrub, 6-10 inch	1.79
Althea-White, 1 to 2 ft.	.75 ea.	10 Red Flowering Quince, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Pussy Willow, 6-10 inch	1.79
Althea-White, 1 to 2 ft.	.75 ea.	10 Decidua, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Sp. Showball, 6-10 inch	1.98
Althea-White, 1 to 2 ft.	.75 ea.	10 Rose Sharon, 6-10 inch	1.79
Althea-Red, 1 to 2 ft.	.75 ea.	10 Forphyis Yellow, 6-10 inch	1.49
Althea-White, 1 to 2 ft.	.75 ea.	10 Pink Weigela, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Hydrangea P. C. 6-10 inch	1.98
Althea-White, 1 to 2 ft.	.75 ea.	10 Spiraea Van Houttei, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Hydrangea Aboretana, 6-10 inch	1.49
Althea-White, 1 to 2 ft.	.75 ea.	10 Althia Red, 6-10 inch	1.49
Althea-Red, 1 to 2 ft.	.75 ea.	10 Microcrane, 6-10 inch	1.79
Althea-White, 1 to 2 ft.	.75 ea.	10 Hazel Nut, 6-10 inch	\$4.95
Althea-Red, 1 to 2 ft.	.75 ea.	10 Hardy Pecan Seedlings, 6-10 inch	4.95
Althea-White, 1 to 2 ft.	.75 ea.	10 Black Walnut, 6-10 inch	2.29
Althea-Red, 1 to 2 ft.	.75 ea.	10 Chinese Chestnuts, 6-10 inch	4.95
Althea-White, 1 to 2 ft.	.75 ea.	10 Tulip Trees, 6-10 inch	\$11.19
Althea-Red, 1 to 2 ft.	.75 ea.	10 European Mountain Ash, 6-10 inch	4.95
Althea-White, 1 to 2 ft.	.75 ea.	10 American Red Bud, 6-10 inch	1.59
Althea-Red, 1 to 2 ft.	.75 ea.	10 White Flowering Dogwood, 6-10 inch	3.98
Althea-White, 1 to 2 ft.	.75 ea.	10 Mimosa, Pink, 6-10 inch	1.19
Althea-Red, 1 to 2 ft.	.75 ea.	10 Mimosa, White, 6-10 inch	1.39
Althea-White, 1 to 2 ft.	.75 ea.	10 Golden Rain Tree, 6-10 inch	4.95
Althea-Red, 1 to 2 ft.	.75 ea.	10 Black Gum, 6-10 inch	\$1.98
Althea-White, 1 to 2 ft.	.75 ea.	10 White Birch, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 American Elm, 6-10 inch	1.19
Althea-White, 1 to 2 ft.	.75 ea.	10 Sycamore, 6-10 inch	1.39
Althea-Red, 1 to 2 ft.	.75 ea.	10 Lombardy Poplar, 6-10 inch	3.95
Althea-White, 1 to 2 ft.	.75 ea.	10 Pin Oak, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Silver Maple, 6-10 inch	1.49
Althea-White, 1 to 2 ft.	.75 ea.	10 Chinese Elm, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Green Weeping Willow, 6-10 inch	1.98
Althea-White, 1 to 2 ft.	.75 ea.	10 Scarlet Red Maple, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 White Ash, 6-10 inch	1.19
Althea-White, 1 to 2 ft.	.75 ea.	10 Sugar Maple, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Asparagus, 1 year Roots	2.49
Althea-White, 1 to 2 ft.	.75 ea.	10 Strawberry, Blakmore or Tenn. Beauty	1.49
Althea-Red, 1 to 2 ft.	.75 ea.	10 Box Elder, 6-10 inch	2.49
Althea-White, 1 to 2 ft.	.75 ea.	10 Sourwood, 6-10 inch	5.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Honeylocust, 6-10 inch	1.98
Althea-White, 1 to 2 ft.	.75 ea.	10 American Hornbeam, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Calceps Fish Bait Tree, 6-10 inch	1.98
Althea-White, 1 to 2 ft.	.75 ea.	10 Northern Highberry, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Ginkgo, 6-10 inch	4.95
Althea-White, 1 to 2 ft.	.75 ea.	10 China Berry, 6-10 inch	1.98
Althea-Red, 1 to 2 ft.	.75 ea.	10 Golden Weeping Willow, 6-10 inch	1.98
Althea-White, 1 to 2 ft.	.75 ea.	10 Lady's Slipper, Pink	\$1.49
Althea-Red, 1 to 2 ft.	.75 ea.	6 Dutchman Breeches, White	1.49
Althea-White, 1 to 2 ft.	.75 ea.	4 Jack-in-the-Pulpit, Purple	1.39
Althea-Red, 1 to 2 ft.	.75 ea.	10 Dwarf Peaches	\$3.85 ea.
Althea-White, 1 to 2 ft.	.75 ea.	10 Elberta, Red Haven, Belle of Georgia, Golden Jubilee	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	2 to 3 ft.	5.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	4 to 5 ft.	5.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	5-6 ft.	5.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	10 Dwarf Apples	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	10 Red Delicious, Yellow Delicious	\$3.85 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$2.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.79 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
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Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
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Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
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Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
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Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
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Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
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Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	3.89 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	\$3.85 ea.
Althea-Red, 1 to 2 ft.	.75 ea.	4 to 5 ft.	3.89 ea.
Althea-White, 1 to 2 ft.	.75 ea.	2 to 3 ft.	

# \$10,000 REWARD!

We'll Pay You \$10,000 For A 1943 Copper Penny Like This One; It's Different From Most 1943 Pennies. Can You Spot The Difference?



Our brand new 1978 Coin Guidebook shows you how much America's best coin dealer guarantees to pay for hundreds of valuable coins.

For	Dated	Up
Certain	Before	To
Nickels	1914	\$95,000.00
Gold Coins	1932	88,000.00
Silver Dollars	1935	75,000.00
Quarters	1955	5,000.00
Half Dollars	1901	1,200.00
Pennies	1961	10,000.00
Dimes	1926	310.00

Certain special coins listed in the Guidebook dated before the dates given above are valuable

## Did You Spend This Coin Today?

Think of the many other valuable coins that might slip through your fingers in your change each day. Some coins will bring you over \$1,000. Mr. J.G.M. of St. Louis recently found a penny like the one shown in the picture above.

## How To Make A Killing In Coins

I want to tell you about a new guidebook which tells how to find ordinary coins that have great value. Is it worth a couple of minutes of your time each day looking at coins if it can mean enough money to buy a few of the luxuries in life before you are too old to enjoy them? Then read on and find out how profitable your coins can be.

## Coins Can Be Turned Into Fortunes

Yes, you can find a fortune in your own pocket. People who know what to look for are doing it every day. Imagine owning things like a new house or car or seeing your picture in the paper. You can be one of the fortunate people to strike it rich if you know what coins to look for.

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Not long ago every coin of a certain type tripled in value almost overnight. This coinage type wasn't rare. The total increase in value to people who knew what to look for amounted to **billions** of dollars. It's possible to add a valuable coin to your treasure trove each day just by going through change.

## Here's The Secret

The secret is to know what you're looking for. A slight difference like a special mint

mark can make one coin worth \$1,200.00 more than the same identical coin without the special mark. You could easily pass a valuable coin to someone else if you don't know what rare dates and marks to look for. I guarantee this will never happen to you after you order The Coin Guidebook.

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The Coin Guidebook contains pictures and listings of hundreds of coins that have extra value. It gives the prices we guarantee to pay for them if you send them to us after following the special safety mailing instructions given in the guidebook. It's written so anyone can understand it and profit!

Order your Coin Guidebook now so that you can learn the rare dates and how to spot valuable coins. Coins don't have to be old to be valuable. Hold on to your coins, but **don't** send them to us until you read the very important mailing instructions in the Coin Guidebook.

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### With This Guarantee

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# Flying planes

(continued from page 11)

up—but not much. It is a Baby Great Lakes, a tiny biplane that is made to do anything a pilot wants to do in an airplane except stretch out.

"Well," Bill says, "it won't really do everything. If you want to get into inverted flight, you need special carburetion and lubrication provisions, and this plane doesn't have that, but it is stressed to take every maneuver you want to put it through."

The Kinseys brought the little biplane home from Macomb, where they had bought it as a wreck, and fixed it up. They first flew it in December 1976.

The Baby Great Lakes is 16 feet, eight inches long, has a 15-foot, nine-inch wingspan, and stands about four feet, six inches tall at the upper wing. It sports a 75-horsepower Continental engine that gives it a cruising speed of about 110 mph. It lands at about 55 mph, and carries about nine gallons of fuel, enough to keep it in the air a couple of hours.

"I go up in it about once or twice a week," Carl says, "and I can get it off the runway in about 350 feet on a cool day." He is working at learning aerobatic flight, but he is not taking instruction because they do not know of a nearby instructor.

"I fly the little one once in a while too," Bill says, "but it's a little tight for me. You don't get into it. You pull it on like a pair of pants, and I'm really a little too big to be comfortable in there. I weigh a couple hundred pounds, and Carl's quite a bit lighter than that. It fits him perfectly."

"Carl has been flying since three days after his sixteenth birthday," Kinsey chuckles, "and he would have soloed on his birthday, but it rained cats and dogs for two days. Sixteen is the youngest age you can solo legally, and he did it as soon as possible."

Does Kinsey expect to build another airplane, maybe a bigger, better, faster one? "Well," he says, "building this one was a lifelong ambition. For now, I don't expect to build another one. But I wouldn't say 'no' for sure."



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4587

C. V. (Vic) Swanson

# Well into his fifth decade as rural electrification leader

When C. V. (Vic) Swanson of Ludlow began his work with agricultural organizations, he had no idea that he would spend the next 60 years—including well over 40 years for Illini Electric Cooperative—working to improve the quality of rural life.

Swanson, 81, has been a director of the Champaign-based cooperative since its start, yet his work to aid the cause of agriculture and rural life goes back 20 years before Illini's organization. In those 60 years, Swanson has compiled a record of achievement that will be the envy of many for years to come.

Yet, Swanson's life is not filled with the glory of election to government offices. And that is not because he was unsuccessful as a candidate for political office. It was simply because he chose not to run, but rather to work to influence others to accept responsibilities in areas in which they were best suited. And, Swanson's efforts were always directed at helping large numbers of other persons. Certainly, his work in the 1930's to bring electrification to the rural areas of Champaign County ranks among his most rewarding accomplishments.

---

**"Vic has been a prime mover. He's been a true cooperator."**

---

Walter R. Smith, long-time manager of Illini, put Swanson's endeavors in

the proper words, saying, "Vic has been a prime mover. He's been a true cooperator. He has the innate ability to recognize the potential in people."

Swanson can quickly pinpoint the start of his years of service. "My interest in working with farm organizations began one Sunday when my stepfather remarked that collections at church had been especially good. 'Crops must be good,' he told me. I figured then that agriculture must be good for everybody," he said.

"As soon as I became a farmer, I joined the Farm Bureau," he said, explaining that he began farming in 1918.

Swanson, whose stepfather was a strong agricultural leader, became a leader of the Champaign County Farm Bureau himself in the 1920's.

Many things were different then, but some things were the same as they are today, especially when the issue is taxation. Swanson was deeply involved in a controversy over what he considered improper valuation of farm lands. He worked hard for the election of a candidate who called for reform.

"We got so involved that we stopped paying taxes," Swanson said as he described the campaign. "We cleaned house and proved that there were things wrong with the assessment methods," Swanson added.


The Farm Bureau activities of the 1920's bolstered Swanson's political awareness. And, it led directly to his

relentless efforts to electrify Champaign County.

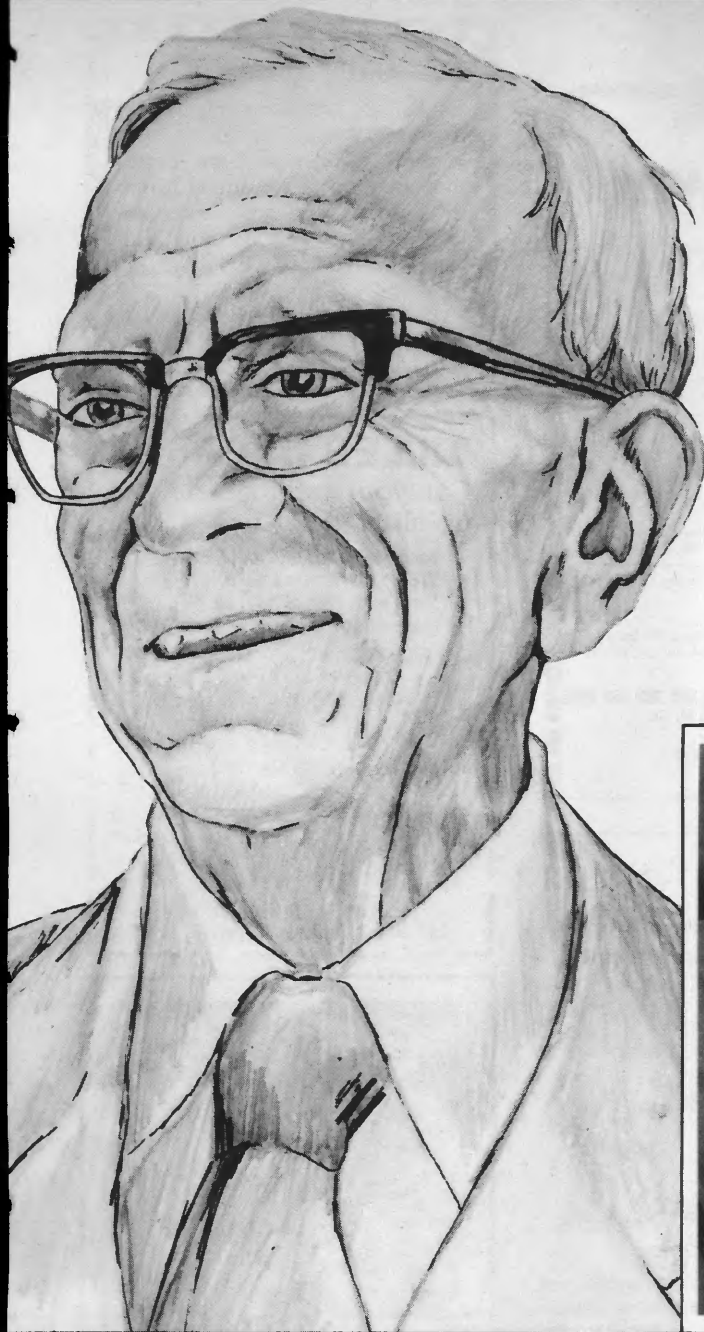
In the 1930's, many farmers in Swanson's area wanted electricity on their farms. However, the power companies were hardly receptive to farmers' requests for electric power. Swanson said he was told that the cost of connecting his farm would be about \$10,000. "That was \$2,000 per mile of line," he said.

Out of this desire to improve their farms' productivity and their families' standard of living developed the Champaign County Farm Bureau's Rural Electrification Committee.

Swanson was one of the committee members and would eventually



B. Matejka



*C. V. (Vic) Swanson, right, an organizer of Illini Electric Cooperative, the Association of Illinois Electric Cooperatives and the National Rural Electric Cooperative Association during his 60 years of service to rural communities, greets David A. Hamil, Administrator of the Rural Electrification Administration and old friend and one of the several REA administrators with whom Swanson has worked.*



become the driving force for the establishment of Illini Electric Cooperative.

After months and even years of preparation, Swanson saw the dream

---

**“We told him we were going to use electricity to produce more food.”**

---

come true on September 10, 1938, when his stepfather, John B. Anderson, then 94, smashed a kerosene lantern against a pole near a farm south of Ludlow. Anderson had “christened” the first pole to be

erected in the Illini system.

Swanson’s activities didn’t end with the work that led to the first rural electrification in Champaign County. He was president of the cooperative during its first seven years and played leading roles in the organization of both the Association of Illinois Electric Cooperatives and the National Rural Electric Cooperative Association.

Swanson, whose low-key approach and ability to influence others became well-known, likes to talk of a visit to Washington that was a turning point for many of the nation’s electric cooperatives.

In the months prior to the entry of


the United States in World War II, shortages of copper plagued the electric cooperatives. An Illinois cooperative had already set its poles, only to discover that the shortage would bring a halt to its progress.

Swanson and a group of Illinois electric cooperative leaders traveled to Washington to discuss the serious impact the shortage was having on the fledgling cooperatives.

“In Washington, we went to the office of the man who was in charge of

*(continued on page 22)*





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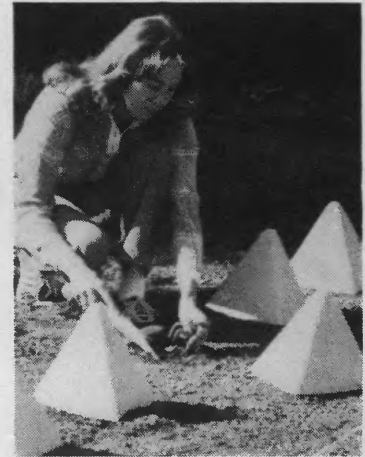
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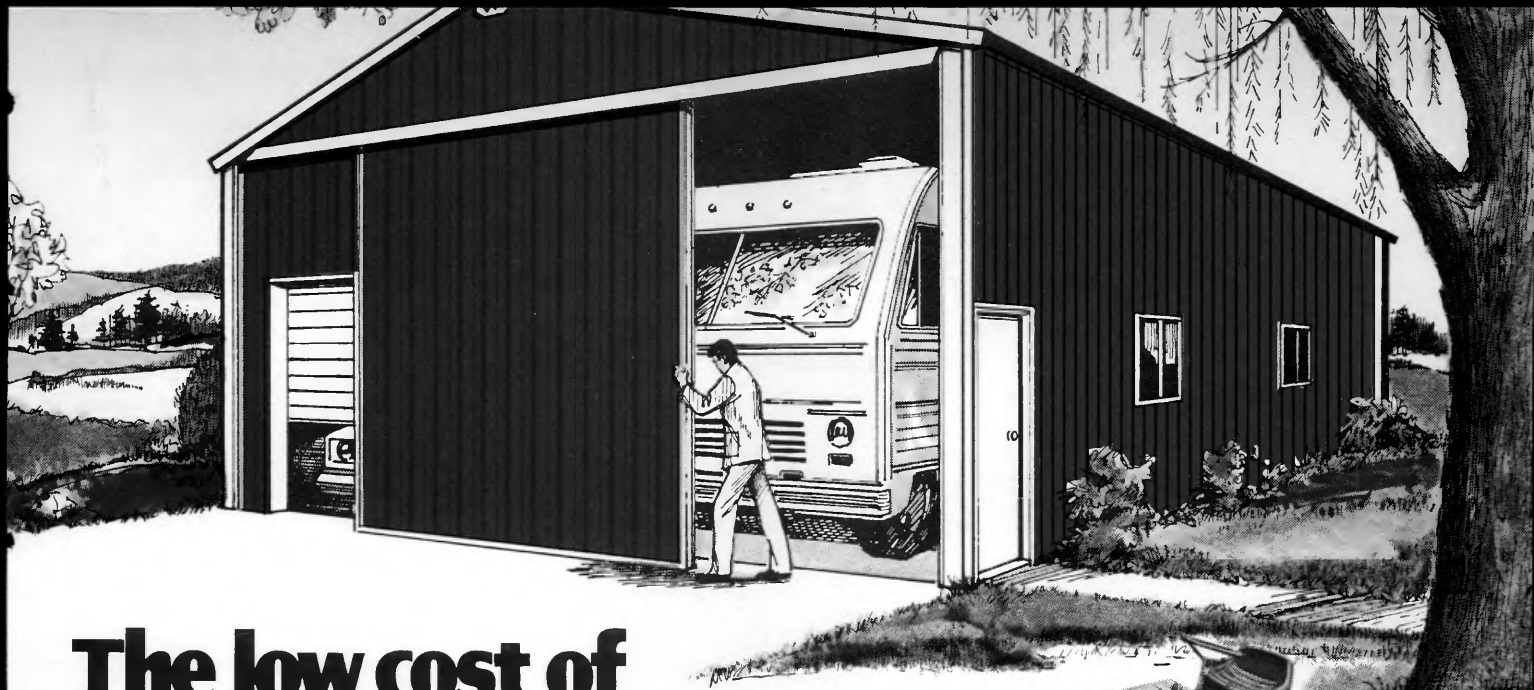


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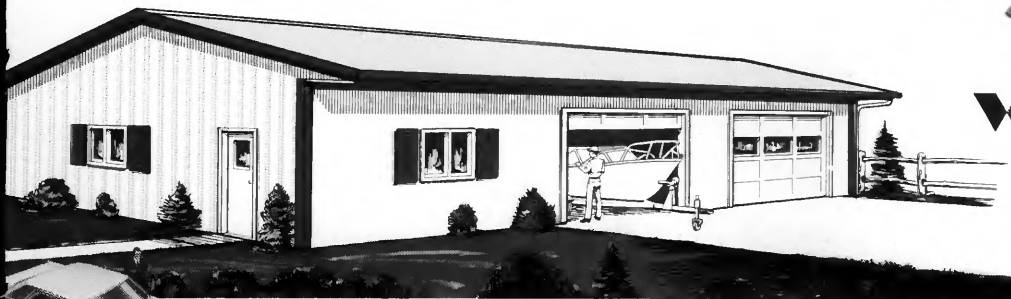
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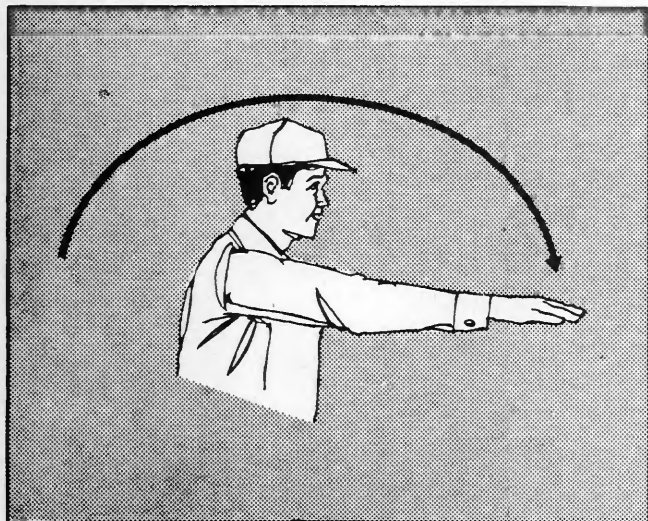
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# HAND SIGNALS for agriculture



**START  
ENGINE**

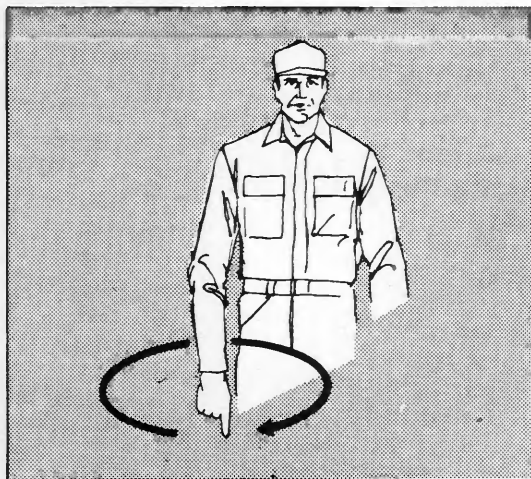


**MOVE OUT -- TAKE OFF**

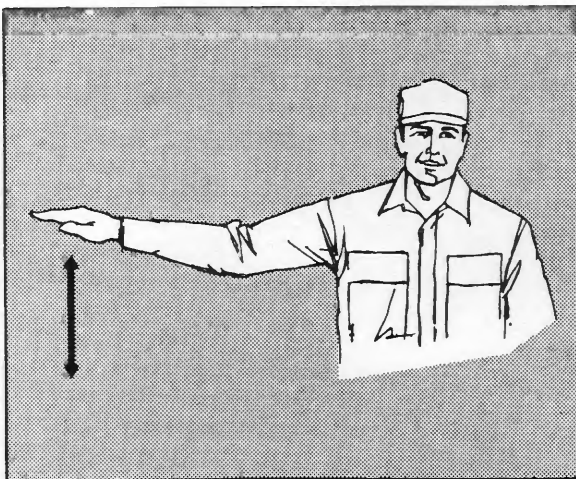
In many farm situations, oral instructions are not effective, due to noise or distance. Because of this problem a set of uniform hand signals has been developed to aid communication on the farm. Even though these hand signals are not always adequate, they can serve as part of a warning system. Radio communication or some type of visual contact such as flag signals may need to be included in a total farm communication system.

The eleven standard hand signals illustrated have been selected for controlling the operation of farm equipment. All family members and farm workers should know the meaning of and be able to communicate these signals with their hands:

- (1) **START ENGINE**—Simulate cranking a vehicle by moving arm in a circular motion at waist level.
- (2) **STOP ENGINE**—Draw right hand, palm down, across neck in a “throat cutting” motion from left to right.



**LOWER EQUIPMENT**



**SLOW IT DOWN**

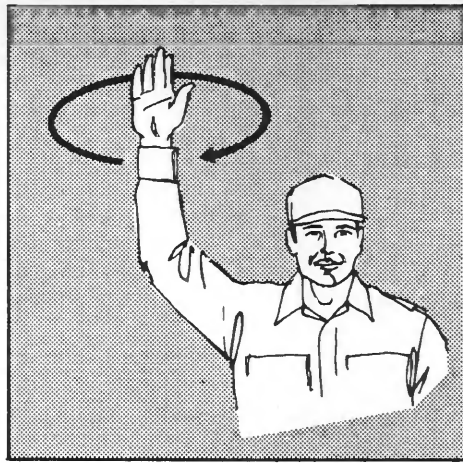


**RAISE EQUIPMENT**

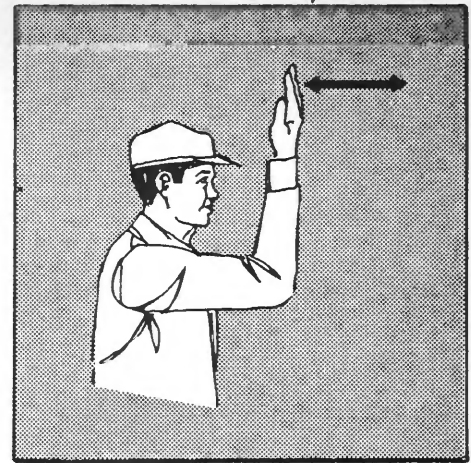




**STOP  
ENGINE**



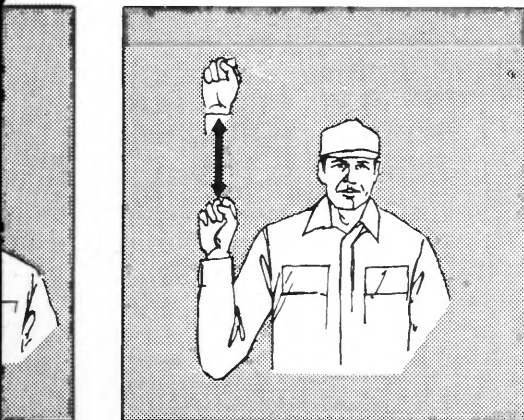
**COME TO ME**



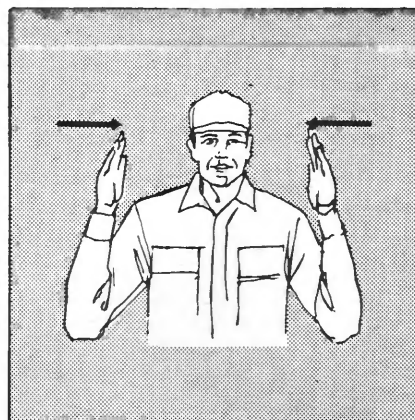
**MOVE TOWARD ME  
FOLLOW ME**

- (3) COME TO ME—Raise arm vertically overhead, palm to front, and rotate in large horizontal circles.
- (4) MOVE TOWARD ME FOLLOW ME—Point toward person(s), vehicle(s), or unit(s); beckon by holding arm horizontally to front, palm up, and motioning toward body.
- (5) MOVE OUT TAKE OFF—Face desired direction of movement; hold arm extended to rear; then swing it overhead and forward in direction of desired movement until it is horizontal, palm down.
- (6) LOWER EQUIPMENT—Make circular motion with either hand, pointing to ground.
- (7) SLOW IT DOWN DECREASE SPEED—Extend arm horizontally sideward, palm down, and wave arm downward (45-degree minimum) several times, keeping arm straight. Do not move arm above horizontal.
- (8) RAISE EQUIPMENT—Make circular motion with either hand at head level.
- (9) SPEED IT UP INCREASE SPEED—Raise hand to shoulder, fist closed; rapidly thrust fist upward to full extent of arm and back to shoulder several times.
- (10) THIS FAR TO GO—Place palms at ear level facing ahead and move laterally inward to indicate distance remaining.
- (11) STOP—Raise hand upward, arm fully extended, palm to front. Hold that position until signal is understood.

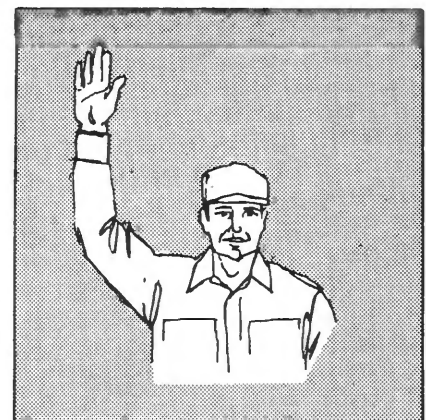
*This information is based on "Hand Signals for Use in Agriculture," approved by the American Society of Agricultural Engineers.*



**SPEED IT UP**



**THIS FAR TO GO**



**STOP**

C. V. (Vic) Swanson

# Well into his fifth decade as rural electrification leader

(continued from page 17)

copper allocations," Swanson recalled. "We told him what our problem was. We told him of the production on the farms. We told him we were going to use electricity to produce more food," he added.

"The man told us he thought that if the power companies received sufficient supplies of copper wire, all would be well. I think the man was innocent in that belief," Swanson said.

The meeting seemed to be for nothing. As the group was leaving the bureaucrat's office, Swanson noticed a photograph on the wall showing a huge copper mine near Salt Lake City, Utah. "I knew the manager of that mine," Swanson smiled. "I just turned around and told him I knew Garrison. He was impressed."

"So instead of us going out the door, we turned and went back in and talked some more. The next day, we went by the REA offices and they told us, 'We don't know what you did yesterday, but you did it,' meaning we had convinced the man to allocate copper wire to the cooperatives."

"We had convinced him that copper

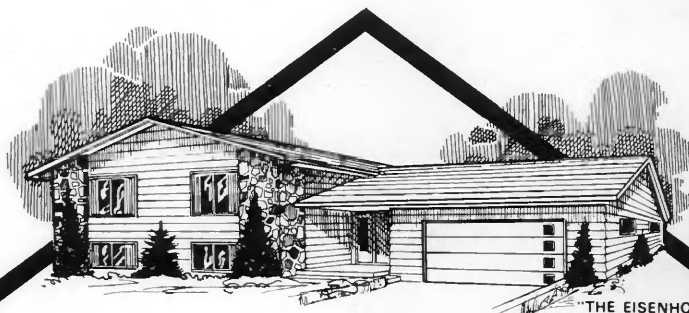
wire was essential to food production," Swanson added.

Swanson has served three times as Illini board president, and was elected vice president and secretary-treasurer. He was elected to every Farm Bureau office, including a term as president in 1954.

For nine years, Swanson served as vice president of the Illinois Statewide Power Cooperative.

He was an organizer of several Champaign County agriculture organizations, including the Champaign Production Credit Association, Soybean Marketing Association, Champaign County Livestock Association and Champaign County Service Company.

He and his wife, Agnes, live in retirement on their Maple Grove farm near Ludlow.



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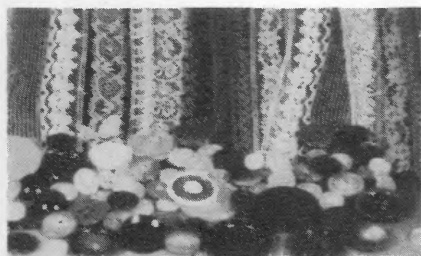
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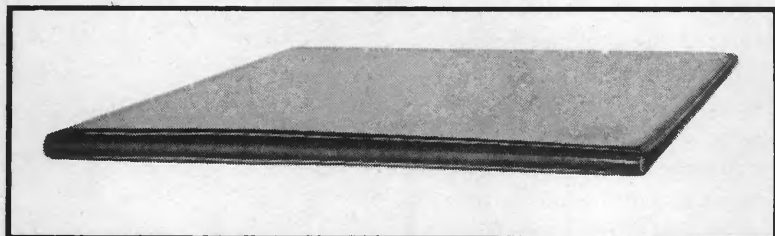
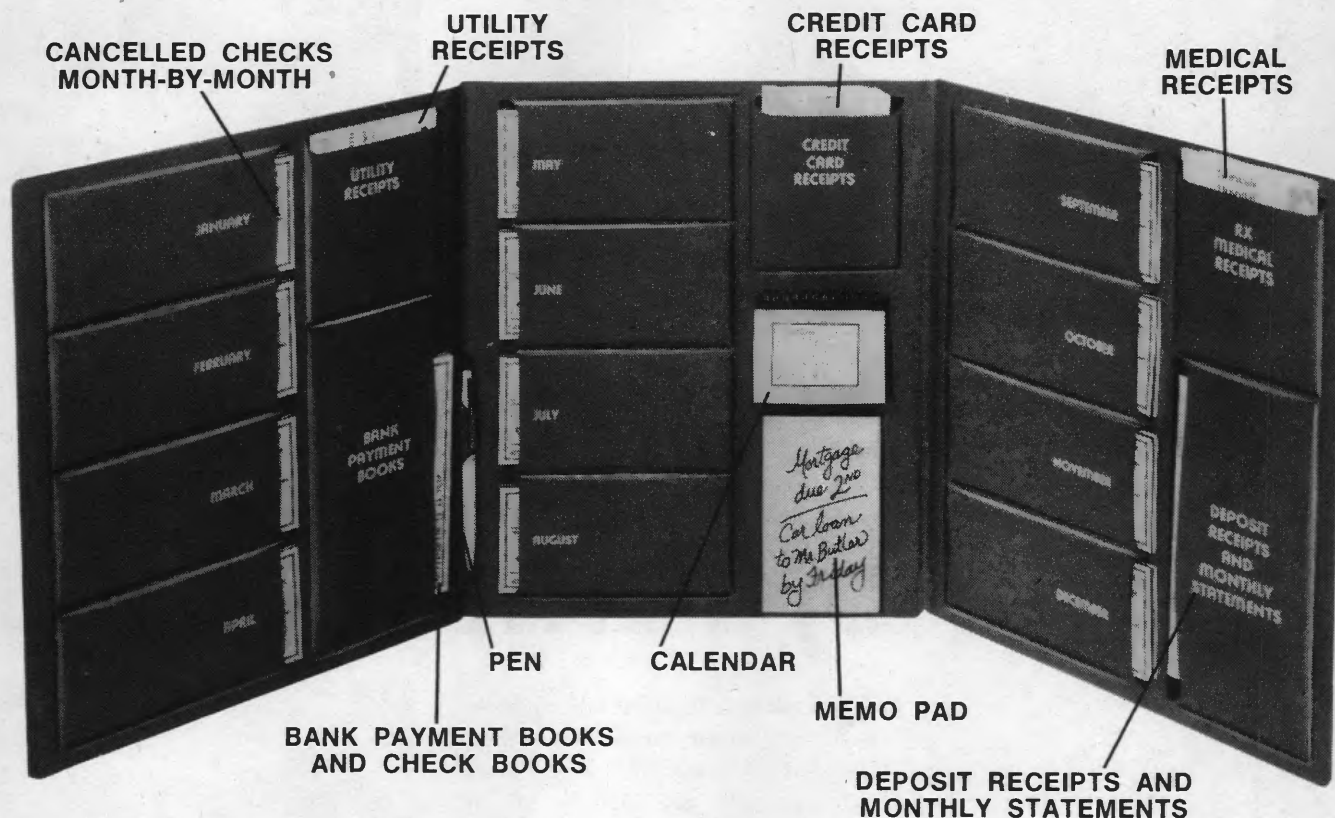
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# Energy benefits will be feature of Farm Materials

Several new features will mark the 17th annual three-day Southern Illinois Farm Materials Handling Show February 28 and March 1-2 in Nashville.

Included in the plans for this year's show are a home show based on the theme "Energy—Use it Wisely" and use of a new exhibit building.

Sponsors and organizers of the show indicate that all available exhibit space is expected to be filled as dealers, manufacturers and distributors prepare for attendance that is expected to range up to 10,000.

William Symon, Southern Illinois University-Carbondale farm mechanization specialist who heads the show's planning committee, said most exhibits will again be in heated buildings at the Washington County

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"Energy — Use it wisely" is theme of this year's home show.

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Fairgrounds, located on Illinois 127 at the south edge of Nashville. Symon added that outdoor exhibit area will be used for large equipment displays.

Exhibits chairman John Kober of





*Top photo: John Kober, Egyptian Electric Cooperative Association, right, goes over exhibit space arrangements with Helen Metcalf, Tri-County Electric Cooperative, left, Betty Walker Clay Electric Cooperative, and William Symon, Southern Illinois University-Carbondale. Bottom photo: One of the largest tasks confronting the show committee this year was preparation of the new exhibit building. Ivan Holler, Wayne-White Counties Electric Cooperative, center, Vic Ketten, Southwestern Electric Cooperative, left, and Andy Bird, Tri-County Electric Cooperative, were among a group of show committee members who worked to wire the unheated building during weather in which the temperature inside the building was less than 20 degrees. The wiring project will enable the show committee to have adequate light and heat in the new building.*

# Handling Show



Egyptian Electric Cooperative Association, Steeleville, said, "We anticipate as many or more exhibitors as in previous years. There will be a wide variety of farm and farmstead mechanization and automating equipment on exhibit."

Kober added that the show would feature exhibits on feed mixing,

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**"We anticipate as many or more exhibitors as in previous years."**

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grinding, handling and storing; machinery setups for feeding, watering and managing livestock; electrical equipment and controls; lighting, heating and cooling equipment; home appliances; shop supplies, and many other items and ideas to save labor and increase efficiency on the farm and in the home.

Helen Metcalf of Tri-County Electric Cooperative, Mt. Vernon, who heads the home show committee, said this year's home show booth would be located near a number of exhibits which relate to the home, including home appliances, crafts and household items.

She said the home show area would include a demonstration involving generating electricity on a specially designed bicycle, comparisons of the costs of everyday items to electricity and a demonstration of the value of various thicknesses of insulation materials.

In addition, persons attending the three-day even will be eligible for daily attendance prizes, according to Andy Bird, also of Tri-County.

The show is open without charge to all visitors from 9 a.m. until 9 p.m. the first two days (February 28 and March 1) and from 9 a.m. until 3 p.m. the final day (March 2). Lunch service will be available on the fairgrounds.

The show is sponsored by the Illinois Farm Electrification Council; the Cooperative Extension Service, University of Illinois; School of Agriculture, Southern Illinois University-Carbondale; Illinois Power Company, and nine Illinois electric cooperatives: Clay Electric Co-operative, Clinton County Electric Cooperative, Egyptian Electric Cooperative Association, Monroe County Electric Co-Operative, Southeastern Illinois Electric Cooperative, Southern Illinois Electric Cooperative, Southwestern Electric Cooperative, Tri-County Electric Cooperative, and Wayne-White Counties Electric Cooperative.

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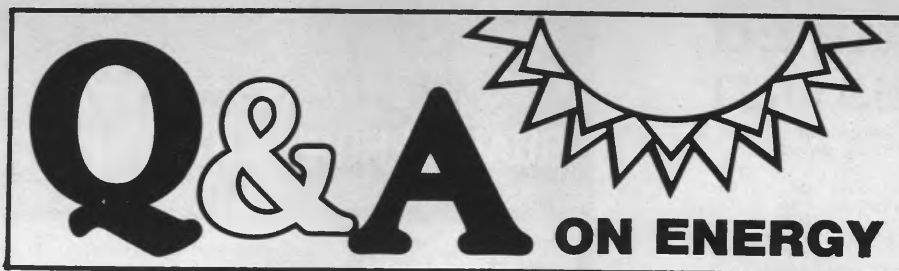
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## System Reliability

*This is another in a series of questions and answers about specific energy problems and opportunities. They were prepared by the Electric Power Research Institute in cooperation with the National Rural Electric Cooperative Association.*

- Q:** How reliable have electric utilities been over the years in delivering power to customers?
- A:** The track record has been pretty good. In fact, the industry has historically had greater than 99 percent reliability in providing service to customers.
- Q:** Can that record be maintained for the future?
- A:** That's one of the industry's primary goals—making sure the electric power system works the way it should so that power outages are avoided and electricity is there when the customer needs it.
- Q:** What measure has the industry taken to assure this reliability?
- A:** Major steps were taken with both the formation of the North American Power System Interconnection Committee (NAPSIC) in 1962 and the National Electric Reliability Council (NERC) in 1968. Both organizations function to assure the continued reliability and adequacy of the bulk power supply system of electric utilities in North America.
- Q:** What is "bulk power supply?"
- A:** This refers to the part of the electric power system responsible for the generation of electricity at the power plant and for its transmission for the power plant to neighborhood substations and to neighboring utilities.
- Q:** What other parts of the power system are there?
- A:** There's also distribution. That refers to the transfer of electricity from the neighborhood substation directly to homes, businesses, and factories.
- Q:** Why do the NERC and NAPSIC concern themselves with only the bulk power system? Isn't the reliability of the distribution system important too?
- A:** Yes. But the impact of any system disturbance or failure would be far more serious if it were to occur in the bulk power network than in the distribution system.
- Q:** Why is that?
- A:** Because outages in the distribution system affect only local areas and small numbers of people. Major problems with the bulk power network, however, can affect much larger areas.
- Q:** How large an area could that be?
- A:** It could be a whole section of the country. The transmission network in North America is highly interconnected. If something goes wrong anywhere along the way, it could conceivably have a "cascading" effect, causing widespread damage and outages.
- Q:** What sorts of things could cause damage?
- A:** Acts of nature, such as wind, lightning, icing, tornadoes. Also equipment failures or acts of human interference. Any of these events could cause damage in one part of the system which could set off a chain of events resulting in widespread outage.
- Q:** Why doesn't this happen more often, then?
- A:** Basically because the bulk power system in North America is planned, designed, constructed, and operated according to very strict reliability standards to assure that it will be immune to widespread collapse. These standards are established by the NERC in each of nine regions in the country. NERC then acts as a coordinator of standards in the regions to make sure that a high level of reliability is maintained in all.
- Q:** What other measures has the industry taken to assure reliability?
- A:** Through its research organization, the Electric Power Research Institute, the industry is studying ways to improve its methods for planning and operating bulk power systems. Much of the work involves the development of new or improved computer methods for analyzing problems and controlling operation of the system.
- Q:** What additional steps should the industry take for the future?
- A:** The industry must insure that adequate generating capacity is constructed to meet future electricity needs. It must also insure that all parts of the transmission network continue to meet the reliability standards set by the NERC.
- Q:** What's in all this for the customer?
- A:** Continued reliability of service. In other words, electricity will be there when you need it.

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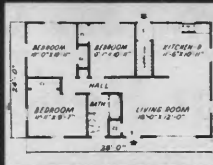
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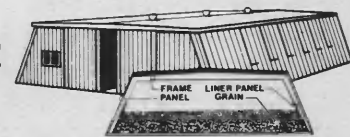
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# Carver draws on four generations for her talent



Mildred Leefers will cheerfully admit she is a born cutup, but not in the generally accepted sense. She is a fourth generation woodworker, and the ribbons from various area fairs prove the quality of her inherited talents.

Mrs. Leefers, a member of M. J. M. Electric Cooperative in Carlinville, says she carves for pleasure, but her ancestors did it out of necessity. "My great grandfather was a cooper in Germany, and my grandfather worked a lot with wood, too. He made canes, baskets, axe and hammer handles, singletrees, neck yokes, and any other things he needed for his farming operation," she says, adding, "My father was a woodsman as well as a farmer, and he made much of his equipment from the wood he cut."

Her early association with wood was not an exotic one. Mrs. Leefers was raised on a farm at a time when wood was not an alternative fuel, and she carried many a cord to keep the house warm and the range cooking.

"While I was doing these duties I learned to know different kinds of wood and their burning and heating

properties from my father," she says, "and I began to see the beauty in the different grains and colors of woods, as well as the softness and hardness."

Mrs. Leefers was out of her childhood and had gotten away from the wood carrying chores when she got serious about woodcarving.

"In the late 1950s I read a magazine article about a man in Germany who carved figures from white pine, and I began carving figures from the same wood. I like white pine because it has a beautiful grain that helps me see figures I want to carve. I can see a bird's eye in a tiny knot, the wool of a sheep, or the flowing wavy hair of a person, and that's a very enjoyable sight."

---

**"... and I began to see the beauty in the different grains and colors ..."**

---

She began her efforts with a kitchen paring knife and some sandpaper, and whittled a choral group. It won a blue ribbon at the Macoupin County Fair.

"That encouraged me tremendously," she beams, "so I continued to carve more and more figures. In 1962 I entered my "Angelic Chorus" at the Town and Country Art Show in Sangamon County and won a special award, which permitted me to take my entry to the district art show in Macomb. I felt that this was quite an honor, even though I didn't win any recognition there."

After getting her chorus built, Mrs. Leefers turned her attentions to a Christmas motif. "About 1960 I had the urge to carve a nativity scene of my own, so I set about doing it in my leisure time. Three years later I had carved Mary, Joseph and baby Jesus in the manger, as well as a donkey in the stable, lambs, sheep, shepherds, angels, and the three wise men and their camels. A crudely thatched barn completes the set."

"The elves of the hollow tree have always fascinated me," she says, "so I found a piece of catalpa wood from my grove that would do for the tree, then I began carving the four elves.

I won a special award at our Macoupin County Art Show for this



*Far left: Mrs. Leefers displays her prize-winning nativity scene, while her "Elves of the Forest" creation, also a winner, is at the immediate left. Below: Mrs. Leefers and her grandson, Von, look at products of another of her hobbies. She made the ducks by gluing hundreds of beans, soybeans, corn kernels, and pumpkin seeds to a background shaped like the desired object. She also does decoupage, collages, and several other handicrafts.*



piece, and that entitled me to exhibit at the district art show in Centralia."

The "Pixie Playground" is another of her prized creations. It is a tree stump with pixies—carved from hardwood clothespins—sliding down the stump, crawling out of holes in it and swinging from a projection. Fairies cavort about the grass lawn among the flowers around the base.

"I've done much of my carving with a paring knife," Mrs. Leefers remarks, "but I was given a full set of X-Acto knives a few years ago; I've yet to learn the virtues of most of the tools, since I've never had a lesson in carving."

---

**"I've done much of my carving with a paring knife."**

---

Her creations are small, she notes, because she finds the intricacies more challenging. Wood filler and wax are all she uses to finish the wood, so the grain will show through and highlight the features of the figures.

"I have many and varied hobbies," Mrs. Leefers says, and I enjoy doing things with my hands. I do sewing, rug making, quilt making, etched metal trays, china painting, cooking, baking, canning, and processing foods for the freezer."

While Mrs. Leefers is obviously talented at woodcarving, it should be equally obvious that it is not her only talent.





# CHEERFUL CHEERFUL RED

## for February Birthdays

### RICE PUDDING MOLD WITH CHERRY SAUCE

- |                                |                                 |
|--------------------------------|---------------------------------|
| 1/2 cup rice                   | 2 beaten eggs                   |
| 1 cup water                    | 1/2 cup sugar                   |
| 2 cups milk                    | 1/2 cups milk, scalded          |
| 1/2 cup sugar                  | 1 teaspoon vanilla              |
| 2 tablespoons butter           | 1 cup whipping cream, whipped   |
| 2 teaspoons unflavored gelatin | 1/4 cup sliced almonds, toasted |
| 1/4 cup cold water             |                                 |

★ ★

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| 1/2 cup sugar                        | 1 slice of lemon                     |
| 2 tablespoons cornstarch             | 1 cup (10-oz. jar) red currant jelly |
| 1 1-lb. can pitted tart red cherries |                                      |

Combine rice and 1 cup water in ovenproof saucepan. Bring to boil; simmer 5 minutes. Drain rice well; add 2 cups milk, 1/2 cup sugar and butter to rice in saucepan. Bring mixture to boil and then bake it, tightly covered, at 325 degrees for 1 hour. Cool. Soften gelatin in cold water. In 3-quart saucepan, combine eggs and 1/2 cup sugar; gradually stir in scalded milk. Cook to creamy consistency over low heat, stirring constantly. Do not let it boil. Remove from heat; add softened gelatin and stir to dissolve. Stir in vanilla. Chill until mixture is slightly thickened. Combine cooled rice and custard mixtures; fold in whipped cream and almonds. Spoon into oiled 6-cup mold; chill until firm. In saucepan, combine 1/2 cup sugar and cornstarch; add cherries with syrup and lemon slice. Stirring, bring to boil; simmer 5 minutes. Add fork-broken currant jelly and cook sauce until jelly is melted. Discard lemon slice. Cool sauce. Serve with rice mold. Makes 2 1/2 cups.

### CHERRY CREAM CHEESE DELIGHT

- |  |  |
|--|--|
| 1 crumb crust (9-inch)                               | 1/2 cup reconstituted lemon juice              |
| 1 pkg. (8-oz.) cream cheese, softened                | (measure accurately)                           |
| 1 can sweetened condensed milk (not evaporated milk) | 1 teaspoon vanilla flavoring                   |
|  | 1 can (1 lb. 5-oz.) chilled cherry pie filling |

Beat the cream cheese until light and fluffy. Add sweetened condensed milk. Blend thoroughly. Stir in lemon juice and vanilla. Turn into crust. Refrigerate 2-3 hours, or till firm. (Do not freeze.) Top with chilled cherry pie-filling before serving. Serves 8.

### CRUNCHY CHERRY CAKE

- |                    |                    |
|--------------------|--------------------|
| 2 sticks margarine | 1 teaspoon vanilla |
| 2 cups flour       | 1 cup chopped nuts |

Mix ingredients well and press in 8 x 13" cake pan. Bake at 400 degrees until golden brown, cool.

### FILLING:

- |                      |                                 |
|----------------------|---------------------------------|
| 8 oz. cream cheese   | 1 teaspoon vanilla              |
| 1 box powdered sugar | 2 envelopes Dream Whip prepared |

Soften cheese and blend with sugar and vanilla. Combine cheese mixture and dream whip and spread on cool crust. Top with 2 cans cherry pie filling. Chill well.

### MOLDED RED CHERRY SALAD

- |  |   |
|--|---|
| 1 1-lb. can pitted sweetened tart red dessert cherries | 1 3-oz. pkg. cherry-flavored gelatin      |
| 1 11-oz. can mandarin orange sections                  | 1/4 cup sliced celery                     |
| 2 tablespoons lemon juice                              | 1/4 cup (2-oz. jar) sliced stuffed olives |
|  | 1/4 cup chopped pecans                    |

Drain cherries and orange sections. Combine cherry syrup, orange syrup and lemon juice; add water to make 1 3/4 cups liquid. Heat liquid; add gelatin and stir till dissolved. Chill till partially set; add cherries, orange sections, celery, olives and nuts. Pour into individual molds or shallow pan; chill until firm. Serve on lettuce with mayonnaise. Makes 1 quart—6 to 8 servings. NOTE: To substitute tart red cherries for sweetened dessert red cherries, add 1/2 cup sugar to tart cherries and syrup in saucepan. Bring to boil; simmer 5 minutes. Proceed according to recipe.

### CHERRY TORTE

This is best served warm. Since it is a simple dessert, it can be done at the last minute while preparing dinner. The sauce ingredients can be put in a small pan and set aside to cook while you are clearing the table. Serves 8.

- |                           |                            |
|---------------------------|----------------------------|
| 1 can pitted pie cherries | 1/2 cup nuts, chopped      |
| 1 cup flour               | 1 egg                      |
| 1 1/4 cups sugar          | 1 tablespoon melted butter |
| 1 teaspoon soda           | 1 teaspoon cinnamon        |

Sift flour, sugar, soda and cinnamon. Add drained cherries and mix. Add egg, nuts and melted butter. Bake in 8x8" pan for 40 minutes at 350 degrees. Cut into squares and serve with sauce if desired.

Sauce: Use juice from cherries and add 1/2 cup sugar, 2 tablespoons flour, dash of cinnamon and a little butter and lemon juice. Cook until thick as you like a sauce.

### ROTEL DIP

- |                              |                         |
|------------------------------|-------------------------|
| 1 lb. grated American cheese | 2 cloves garlic, minced |
| 1 small can evaporated milk  | 1 tsp. chili powder     |
| 1 can Rotel tomatoes         | 1/2 tsp. cumin          |

Melt cheese in double boiler, then add other ingredients. When thoroughly mixed, add heaping tablespoon cornstarch and stir well.

### CHICKEN DELIGHT CASSEROLE

- |                                 |  |
|---------------------------------|--|
| 1 doz. tortillas, cut in pieces | 1 cup milk                               |
| 5 chicken breasts               | 1 can (7 1/4-oz.) jalapena pepper relish |
| 2 tablespoons chicken broth     | 1 large onion                            |
| 1 can cream of mushroom soup    | 1 lb. sharp Cheddar cheese, grated       |
| 1 can cream of chicken soup     |  |

Grease 2 qt. casserole. Combine soups, milk and relish. Pour chicken broth (from stewing chicken) into casserole. Layer in half tortillas, chicken (torn into bite pieces), liquids, onions and cheese. Repeat finishing with cheese as topping. If possible, refrigerate the casserole for 24 hours before baking in a 325 degree oven about 1 1/2 hours.

### HAMBURGER CORN CASSEROLE

- |   |   |
|---|---|
| 2 lbs. ground beef                        | 3/4 teaspoon salt                       |
| 1 cup onions, chopped                     | 1/2 teaspoon Accent                     |
| 1 (12-oz.) can whole kernel corn, drained | 1/4 teaspoon pepper                     |
| 1 can cream of chicken soup               | 3 cups med. noodles, cooked and drained |
| 1 can cream of mushroom soup              | 1 cup soft bread crumbs                 |
| 1 cup sour cream                          | 3 tablespoons margarine                 |
| 1/4 cup chopped pimiento                  |   |

Brown meat and onions. Mix ingredients and pour into 2 qt. pan. Cover with crumbs and margarine. Bake 30 minutes at 350 degrees.

### BEEF STROGANOFF

- |  |                                 |
|--|---------------------------------|
| 1/4 cup flour                                | 1/2 cup boiling water           |
| 1 teaspoon salt                              | 1 (4-oz.) can button mushrooms  |
| 1/4 teaspoon pepper                          | 1 teaspoon Worcestershire sauce |
| 1 1/2 lbs. lean round steak (1/2 inch thick) | 2 tablespoons tomato catsup     |
| 2 tablespoons butter                         | 2/3 cup evaporated milk         |
| 3/4 cup sliced onion                         | 2 teaspoons vinegar             |
| 1 clove garlic, minced                       | 2 tablespoons parsley           |
| 1 beef bouillon cube                         |                                 |

Combine flour, salt, pepper. Trim meat, coat with flour. Brown in butter, add onions, garlic. Dissolve bouillon in water, add to water. Add liquid from mushrooms, Worcestershire and catsup. Simmer until meat is tender about 1 1/2 hours. Add mushrooms. Just before serving, add vinegar with evaporated milk and stir in. Serve over hot noodles or rice. Top with chopped parsley.

### RICE PILAF

- |                          |                          |
|--------------------------|--------------------------|
| 1/2 lb. melted butter    | 2 cups raw rice          |
| 2 (4-oz.) cans mushrooms | 8-10 sliced green onions |
| 2 teaspoons oregano      | 2 cans consomme          |

Drain mushrooms (save juice) and add to melted butter. Add oregano, sliced green onions and unwashed rice. Lightly brown. Put in buttered casserole. This can be done a day ahead of time. When ready to bake, add 2 cans of consomme plus 2 cans of other liquid, including juice from mushrooms as part of liquid. Cover with foil and bake 45 minutes at 450 degrees. If soupy, cook longer, uncovered. If rice is not tender, add a little more liquid.

### RAVIOLI

- |                         |                         |
|-------------------------|-------------------------|
| 1 lb. ground pork       | 1 pkg. noodles          |
| 1 lb. ground beef       | 1 clove garlic, chopped |
| 1 onion, chopped        | 1 can tomato soup       |
| 1 qt. boiling water     | Buttered cracker crumbs |
| 1 teaspoon salt         | Grated cheese           |
| 1 stalk celery, chopped |                         |

Cook pork, beef and onion until color changes. Add salt, celery, noodles, and garlic to water. Cook, pour into pan with meat. Add tomato soup. Cover with crumbs and grated cheese. Bake 30 minutes in slow oven. A one-meal dish with a salad.

### DUMP CAKE

- |              |                               |
|--------------|-------------------------------|
| 2 eggs       | 2 cups flour                  |
| 2 cups sugar | 2 teaspoons soda              |
| 1 cup oil    | 1 large can crushed pineapple |

Beat eggs and sugar together, add oil. Sift flour with soda, add to first mixture. Dump in pineapple, mix. Bake in long glass baking dish at 350 degrees until done.

TOPPING: Cook slowly 1 cup sugar, 1 small can evaporated milk and 1 stick butter for 10 minutes. Add 1 small can Angel Flake coconut and 1 cup chopped nuts. Pour thin topping over hot cake. This makes a moist cake.

### APPLESAUCE SAUSAGE PATTIES

- |   |  |
|---|--|
| 1 egg                                     | 1 lb. coarsely ground seasoned sausage   |
| 3/5 cup soft bread crumbs (1 slice bread) | 2 tart apples, finely chopped in blender |

Beat egg; add crumbs and sausage. Mix well. Blend in fresh applesauce. Shape into patties and fry over low heat until well browned on both sides.

### CHICKEN & RICE

- |                             |                                   |
|-----------------------------|-----------------------------------|
| 1 cut-up chicken            | 1/4 cup chopped green pepper      |
| Salt                        | 1/2 cup chopped celery            |
| 1 cup rice                  | 1/2 cup water                     |
| 1 can cream of chicken soup | 1 teaspoon Accent                 |
| 1 can onion soup            | 1 tablespoon Worcestershire sauce |

Line pan with salted chicken. Sprinkle with rice. Mix remaining ingredients in large bowl and pour over chicken and rice. Bake at 375 degrees, covered with foil, until rice is tender.

# Houseplants need

**M**ore houseplants are being grown today than ever before and more people are experiencing houseplant problems they never expected. Houseplants should be regarded as perishable items requiring continuous care and concern to successfully grow them.

Most houseplant failures result from overwatering, overfeeding and too much or too little light. When these conditions are corrected, plants usually thrive. There are some plants, however, that have specific requirements that must be met in order for them to do well.

Houseplants grow best in a temperature range of 55 degrees to 70 degrees. Only a few plants grow well in higher temperatures, and many plants will fail above 75 degrees.

Precaution must be taken in winter to keep plants out of over-heated rooms. In summer, the best room is the coolest room possible, especially at night. If only hot, dry conditions can be provided, consider growing such plants as cacti, sansservieria, geraniums or coleus.

More plants thrive best in a 75 to 85 percent humidity and this range should be maintained if possible. This can be done with humidifiers and evaporating pans. Also, plants can be grown in a shallow metal container on a layer of moistened, coarse sand. When using this method, make sure the pots are not embedded too deeply in the sand and resting in water.

Plants usually do well and thrive in kitchens near the sink and in bathrooms where the humidity is high. Humidity can be increased by growing plants close together and by syringing the foliage with a light mist several times a day.

As a general rule, if there is enough light for reading, there is sufficient light for most plants to grow. Of course, better lighting provides better

growth. Morning light is preferred to afternoon sun.

Morning light is less harsh and less likely to burn than the afternoon sun. Even cacti, high light tolerators, may be scorched by direct afternoon sun when placed in a west window. African violets will not tolerate strong light at all and must be grown in subdued light or light from a north or

east window.

If the light level is very low and cannot be increased, consider growing such plants as Chinese evergreen, heart leaf philodenrons, jade plants, peperomias, corn plant dracenas or diffenbachias.



# continuous care

More houseplants are killed by over-watering than any other cause. Plant roots require oxygen and when the soil is kept continuously wet, oxygen is shut off and the roots may die or rot.

How frequently you water a plant depends on the type of plant, its location, growth rate, soil type and pot size. With most plants the soil should be allowed to dry until the surface is dry to the touch and then watered. Plants should not be allowed to wilt.

Very few plants need once-a-day watering except for coleus, potted chrysanthemums, hydrangeas or plants in hot, drafty locations. Large plants in large pots are usually watered at weekly or 10-day intervals. In winter, plant growth slows and frequent watering is not necessary.

No exact recommendation can be made for watering that would fit all houseplants. A good practice is to use a finger to check the soil for moisture and then water only when the soil becomes dry to the touch.

Fertilizer is important for good growth. Most actively growing plants will thrive when fed once a month. Use a well-balanced fertilizer, such as 5-10-5, or a commercially available houseplant fertilizer.

Apply granular fertilizers at a rate of not more than 1/4 teaspoon per six-inch pot. Liquid fertilizers should be used according to the directions on the label. Organic fertilizers, fish emulsion and those derived from tankage are safer to use because the nutrients are not readily available, released slowly and less likely to cause fertilizer burn.

Use organic fertilizers in containers without bottom drainage. Plants growing in these containers should be fed less often and at lower rates than plants in pots that have no bottom drainage.

In winter plants grow slower and feeding should be delayed for several months. Foliage plants used as specimen plants that have reached the desired size should be fed at three- to six-month intervals and watered infrequently to discourage new growth.

A good soil mix provides plant support and a supply of moisture, oxygen and nutrients. It must provide drainage so plant roots will not die from suffocation.

An all-purpose soil mix for most plants is composed of 1/3 loam soil, 1/3 peat moss or compost and 1/3 sand. Such a mix needs to be sterilized by baking in an oven at 250 degrees for 45 minutes of soil-borne diseases are suspected.

African violets, ferns and begonias do best in high organic soil. For these a larger proportion of peat moss should be used and less soil and sand. With cacti and succulents the sand content should be increased and the peat moss and loam content decreased.

There are commercially prepared soils available, but the mix described above will do just as well.

Houseplants are attacked by a number of insect pests, but the most common ones are aphids, spider mites, mealy bugs and scale. Check plants regularly for insect buildup and take immediate control measures if you find some.

Simple practices such as washing the foliage in warm, soapy water several times a week may control aphids and spider mites. If such tactics are not effective, then use insecticides.

When using any insecticide, read the instructions on the label and follow them completely. If plants are to be sprayed, take them to an outdoor area. To avoid foliage injury, never spray plants that are wilted or during the hottest part of the day.

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### Miscellaneous

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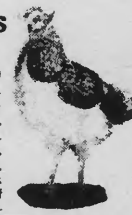
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Layers of Colored Easter Eggs

Ten of ALLEN'S Rare Breeds won 9 Blue Ribbons at Missouri State Fair. Choose from Buff Orpingtons, Golden Polish, White Crested Black Polish, Golden and Silver Hamburgs, Houdans, Black Jersey Giants, Black Minorcas, Black Australorps, Salmon Favrolles, Blue Andalusians, Lakenvelders, Dark Cornish, Silver Polish, Buttercups, Buff Polish, Yokohamas and all other Standard Breeds



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# Special Announcement

## to all Illinois Rural Electric consumer members and their families

Now . . . RE Consumer Members of all ages qualify—you **cannot be turned down** for this RE Group Hospitalization Supplement if you act during this open enrollment period. (This is the only direct-to-you Group Plan fully recommended and endorsed by your National Rural Electric Cooperative Association.)

### We're concerned

Over the last few years, the cost of medical care has almost doubled according to American Hospital Association's reports. As a matter of fact, the average per patient cost to a community hospital is now more than \$160 A DAY! Most group and individual hospitalization plans are **not** designed to cover the full hospital bill . . . even Medicare recently announced another increase in the amount of its deductible . . . the amount Medicare patients must pay out of their own pocket.

**Vice President Mondale, in a speech last June, said that hospital bills "are the single largest cause of personal bankruptcy in the United States."**

### For RE Consumer Members Only

Problems like these caused your National Rural Electric Cooperative Association (NRECA) to arrange its own insurance programs for rural electric cooperative employees (ELCO® Programs). First your National Rural Electric Cooperative Association set out to find a national insurance company with an impeccable reputation. Next, they arranged a supplemental

hospitalization plan that would do the best job possible for all RE consumer members and their families. And finally, NRECA set up their own service center for ELCO® Programs to help assure RE consumer members prompt, courteous service and prompt claim payment. This new ELCO® Hospitalization Supplement, underwritten by the highly respected Continental American Life Insurance Company, is the result.

### Don't Be Misled by Look-Alikes

Some insurance ads try to give you the impression they are sponsored by your National Rural Electric Cooperative Association. Only those programs that bear the ELCO® trademark are officially endorsed by your National Association. This trademark is your guarantee of service and quality.

### You cannot be turned down during this Group Enrollment

This group plan is available in most states and is open to all RE consumer members and their families. Every member who enrolls during this open enrollment will be accepted regardless of age or occupation. However, Continental American must limit coverage in force under all policies of this type with their company to one per member.

### Your own RE Consumer Service Center

Your National Association's Service Center for ELCO® Programs will provide RE consumers with the best possible service.

Questions about your protection, benefits available, and changes to your plan will be handled by the ELCO Service Center. The special RE consumer telephone number is (919) 832-7597 . . . call COLLECT any weekday and ask for Bill Plunket. He'll be glad to help you.

### Free Group Hospitalization Planning Kit

To get your free Group Hospitalization Planning Kit, just fill out the coupon on this page and drop it in the mail. The Kit will be mailed to you and will fully explain what is covered, what is not covered, costs and terms of renewability. There is no obligation and no one will call on you. So please act now.



Your National Rural Electric Cooperative Association's Own Insurance Program offered with the cooperation of Continental American Life Insurance Company, Wilmington, Delaware.

## GROUP ENROLLMENT NOW OPEN

## in the only official RE Members Group Hospital Cash Plan

*This plan pays cash benefits on top of any other coverage you now have including other group or individual plans and Medicare!*  
**FREE** Group Hospitalization Planning Kit will be mailed to you . . . no obligation.

**IMPORTANT: No one can be accepted after this Enrollment Period closes. Mail coupon today to allow time to review Plan. This Group Enrollment Period closes Friday night, March 31, 1978.**

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Please mail me my free Group Hospitalization Planning Kit.  
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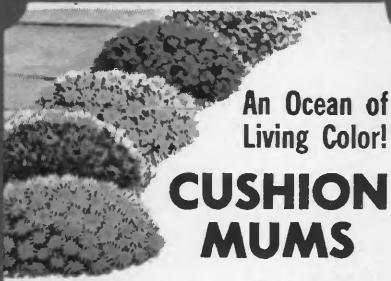
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All-in-one . . . lustrous rich green foliage, delicate white blossoms, light red berries. You get 3 hardy, everbearing trailing strawberry plants, complete with hanging basket!

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Transforms slopes, banks, troublesome weedy areas into a dense mat of lacy green foliage drenched with delicate pink and white blooms. Coronella variety—hardy, maintenance free, disease and drought resistant. Blooms June til frost.



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**4 for only \$1.00**

Spreads rapidly in sun or shade, erupts in masses of fiery-red blooms mid-summer to September. Hardy, Michigan nursery grown. Plant 6-12" apart for fast spreading in rock gardens, shady areas, or "trouble spots" where grass won't grow.



### Trailing Ivy-Leafed GERANIUM — \$1.98

COMPLETE WITH HANGING BASKET

Transforms room, porch, or patio into a flowery haven that is a truly radiant sight. Already growing in 2" peat pots, these extra-double Geraniums tumble down and around the basket in a profusion of startling pink-reddish blooms on glistening ivy-leafed foliage. Mail coupon today!



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### BEGONIA BASKET — \$1.98

(Genuine Imported Belgium Pendula Begonia) Gay showpiece! Masses of intensely brilliant red-pink blooms cascade down in a rolling shower of gorgeous color! Complete with hanging basket.

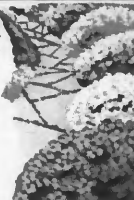


### CLIMBING STRAWBERRIES 5 for \$1.95

Everbearing, grow 4-5 ft. high, pick without bending over! Ideal for freezer, canning, pies, eating fresh. Produces sweet, tasty berries!

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Hardy, Michigan nursery grown (Phlox subulata), flowers freely with clusters of colorful blooms. Ideal for rock gardens, bare spots.



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Another tremendous bargain! Medium size Glads, 2 1/2-3" circ., all ready to burst into bloom this season in a dazzling display of mixed colors.



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