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Illinois

# Rural Electric News



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## Our Cover

Sidetracked from a promising athletic career by a tragic accident paraplegic Jack Whitman went on to win three gold medals in the sport of archery at the "Wheelchair Olympics", held in Rome, last September. Jack, a graduate of the University of Illinois, is married and works fulltime as advertising time salesman for a radio station in Champaign.

## Your Stake in Legislation

The member-owners of America's rural electric systems have a vital need of making their voices heard in the halls of the United States Congress.

As a member of a Illinois rural electric co-op, your interest in legislation should be as real as your interest in your bank account, for that is exactly where much Federal law-making affects you.

The fact is that rural electrification has always been closely identified with legislation, both general legislation which affects all Americans, and specific legislation which pertains only to this great program which has electrified rural America in 25 short years.

The general body of law which affects all American business enterprises—including rural electrics—deals with taxation, the right to operate a business, standards, safety, and competition.

In these respects, rural electric systems and their members have a natural concern with law-making and administration which is shared by all citizens.

But concern with legislation which you should have as a member of a rural electric system, has much deeper roots. This concern has its origin in the fact that the Rural Electrification Administration (REA) is a direct result of specific laws adopted by an understanding Congress.

REA was established as a lending agency in 1935. A year later the Norris-Rayburn Act, passed by Congress, made the agency permanent.

Each year loan funds necessary to finance the growth of rural electrification must be authorized by Congress. This fact alone would justify personal concern about such legislation by members of rural electric systems.

Yet just as important to the continued success of rural electric co-ops is the great mass of legislation and policy which has been essential for their operation as businesses.

Here a few examples of specific legislative items which have had their effect on your pocketbook as a member-owner of an electric co-op:

Authorization of funds for REA loans. Interest rates, terms of repayment, and the availability of the money your rural electric co-op requires to expand its services to you. Your electric bill goes up or down depending upon the interest rate and availability of funds. And it is legislation that decides these matters.

Another important aspect affecting co-ops and which is determined by legislation, is source of power. REA has the authority from Congress to grant loans to co-ops for the purpose of building their own generating plants whenever such loans are justified. This is of extreme importance to co-op members and is often the only factor that keeps wholesale and retail rates at a reasonable level. Without this provision in the REA legislation, co-ops would be completely at the mercy of the private power companies from whom most systems buy their wholesale electricity.

Every co-op member should keep informed on the issues affecting his rural electric system and should let his elected representatives know how he feels on the issues if the rural electrification program is to continue to make progress in the years ahead.

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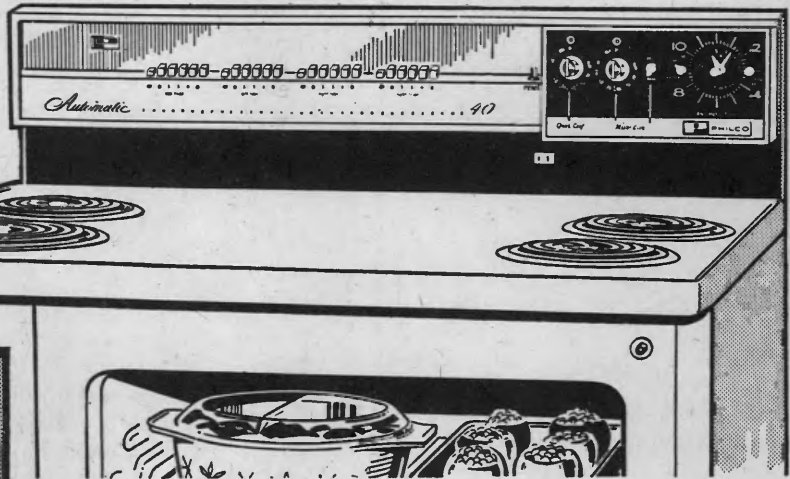
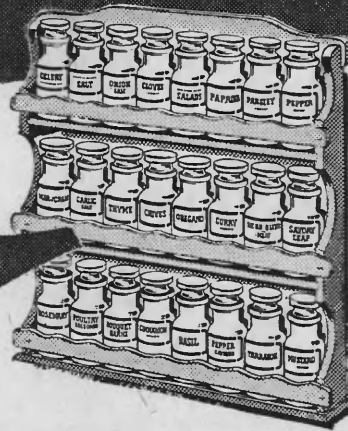
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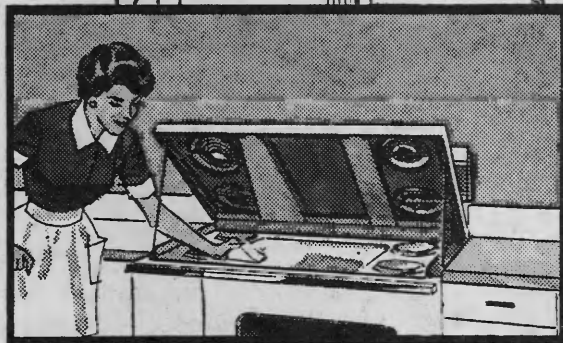
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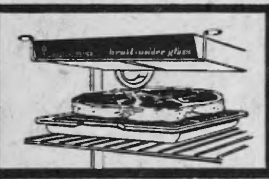
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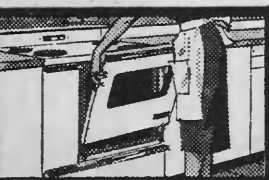
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# VICTORY OVER HANDICAP

Though confined to a wheelchair, young Jack Whitman shows what courage and determination can do to overcome adversity

If anything is the matter with 30-year-old Jack Whitman, he seems unaware of it. Though confined to a wheelchair for the past 10 years, Jack hasn't let this prevent him from leading a full life.

In fact, if anything, being a paraplegic has made Jack a stronger competitor. Last year he experienced his greatest thrills. He established a new world's record for paraplegics in archery competition, and he also won three gold medals at the International Paralympics games held last September in Rome following the Olympics.

More commonly referred to as the "Wheelchair Olympics," the Paralympics have been staged annually since 1948 at the British Spinal Injuries Center at Stoke Mandeville, England. Only paraplegics—those paralyzed from the waist down because of either a spinal injury or a polio attack—are eligible to compete in this athletic event. Last year's contest was held in conjunction with the quadrennial Olympics in Italy.

It was also the first time that the United States sent a composite team to participate in the Wheelchair Olympics. In addition to Whitman, 23 other handicapped Americans journeyed to Europe to compete with handicapped athletes from 22 other countries. America placed third in the meet.

Whitman's proficiency with the bow and arrow climaxed at the Paralympics, is still more amazing when it is realized that this handicapped man had only been an archer for less than a year and a half before competing with more experienced and qualified international archers. How then did he accomplish this seeming insurmountable feat of rising from a novice to a champion in so short a time? "By practice and concentration," Jack says.

By practicing from two to three hours, four to five days a week at a

local archery range, Jack mastered the difficult sport. "There were many times when I sent arrows flying at the target and missed it completely," Jack explains. "But each time they came a little closer to the target." Jack learned from his mistakes. Through effort and determination he became a champion.

It wasn't that easy, but nothing has been easy for Jack since he suffered his crippling injury in November, 1949. At the time, Jack, then 19-years-old, was a sophomore student in the Physical Education College of the University of Illinois. He had an athletic scholarship. He had won numerals in freshman football and baseball.

A former all-state high school football star, Jack had what looked like a very promising career in sports ahead of him. He planned on either coaching, or on turning professional. A better-than-average baseball infielder, Jack had even been approached by major league

scouts. The future looked bright for young Whitman. Then, tragedy struck without notice!

It happened during a class in gymnastics. Jack, in completing a backflip, cracked his fifth vertebra and was immediately paralyzed from his head down. For the next few days, he lay in a hospital bed, unable to move. Gradually as the days and weeks went by Jack regained the use of his arms and hands.

Twenty-seven weeks later, Jack left the hospital in a wheelchair and returned to his father's farm, near Cameron, a small community southwest of Galesburg, to start a new life. "By then I knew that I would never play baseball again and that I would probably spend the rest of my life in a wheelchair. That didn't worry me. I figured I could make some sort of a living. I was more concerned with what I would do in my spare time."

For the next year and a half Jack stayed at home, gradually



From novice to champion in less than two years is a feat that is more remarkable in Jack Whitman's case since he is confined to a wheelchair. Jack holds the world's archery record.



Paralympic Jack Whitman won these three gold medals last year for archery at "Wheelchair Olympics" held in Rome.

plete athletic program. There are wheelchair basketball games, bowling, football, and even baseball. This is a wonderful program." Jack points out that if anyone is interested in learning more about the rehabilitation center, he advises them to contact the Illinois Department of Vocational Education Office in Springfield.

With self-confidence restored, Jack searched for a leisure activity. That's when he got interested in archery. A hometown neighbor gave him some instruction. Along with another wheelchair cohort, Whitman received more coaching from members of a Urbana sportsmen's club. Within months, Whitman became an expert.

At his first meet—the Indiana Invitational—held last summer, Jack set a national record, which he himself later broke at the pre-paralympics trials held in New York. His record is 302 points out of a possible 324 points.

Today, Jack is still hard at work practicing almost every day with hopes of defending his hard-won trophies at this year's International Paralympics to be held in July in England. "The only problem is one of money. Our program is financed by contributions, and there may not be enough money to send us to the event." He's hoping though. Anyone interested in helping to finance this project, should contact the rehabilitation center at the University of Illinois, Jack says.

In addition to this activity, Jack keeps busy as a time salesman for a Champaign radio station. As a graduate in radio journalism, Jack has worked as a sports announcer and as a salesman since receiving his degree in the summer of 1955. He prefers selling though. "I get a chance to move around and meet people. It is much more interesting."

Jack is married and lives with his wife in a small ranch-type home in a new residential area of Champaign. He is the son of Harold Whitman, a director both of McDonough Power Cooperative of Macomb, and of the Association of Illinois Electric Cooperatives.

developing his arm and shoulder muscles, while searching for some means of earning a living. Then, he heard about the rehabilitation program for handicapped persons at the University of Illinois. He enrolled in it.

"I realized that I needed a college education if I were to succeed in the business world." Thus in February, 1952, young Whitman returned to the college campus he had left because of his injury. However, he didn't resume his former course in physical education. "I knew I would never be a coach, since my injury ruled this out." He decided instead to enter

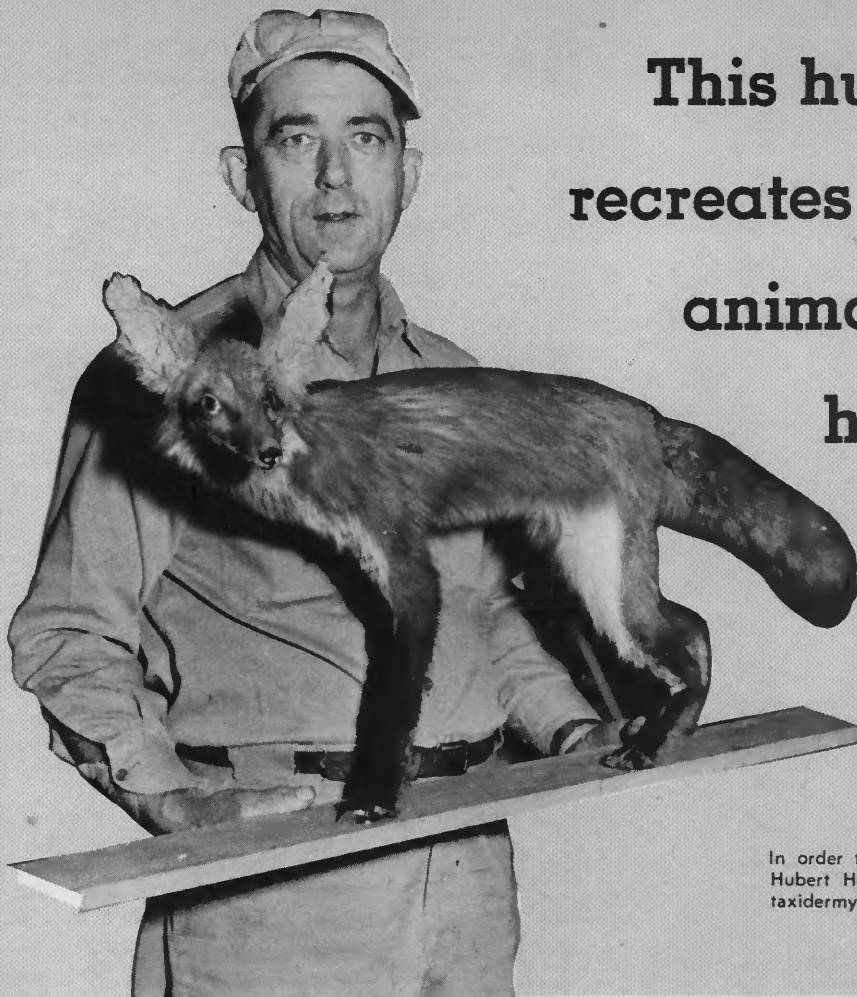
the College of Commerce until he made up his mind what he wanted to be. Later, he changed to journalism.

Whitman's most difficult task was in meeting people. "I was a little skeptical of what others might think of me. I had never been around handicapped persons much. I guess I was a little self-conscious." He soon found out that he was just one of the students. Within weeks Jack was in the midst of a heavy academic program, and to his delight, participating in competitive sports.

"The rehabilitation center offers wheelchair students a com-



# This hunter recreates the animals that he kills



In order to preserve some of his hunting prizes Hubert Heberer, of near Okawville, studied taxidermy from correspondence school course.

■ Hubert Heberer, 43-years-old, of near Okawville, a refrigeration man by trade, is also an amateur taxidermist in his spare time. "But, I don't stuff animals. I rebuild them," explains Heberer, who has mounted most types of small game animals as well as several species of birds.

According to Heberer, "There's a real thrill in being able to recreate wildlife in its natural form." Besides this, the skill is also helpful in hunting geese and ducks. Heberer uses mounted geese and ducks as decoys. "They are better than the wooden geese shadows, or the cork ducks, in attracting birds."

Heberer, a man who has always liked hunting, had often wondered how he could preserve some of his shooting prizes. Then, 10 years ago, he enrolled in a correspondence school. "It took me almost a year to learn taxidermy. My first few animals weren't very lifelike."

If there is a "trick" to preserving animals, Heberer says it must be "care." Take care with cleaning

the animal, and in handling the skin, and the rest is easy, he explains. The skin is the only part of the original animal which is saved.

The first process is to skin the animal and bird, then to condition the hide to prevent deterioration. "I have my own concoction for preserving animal hides," Heberer explains. "I put the hides in this solution and keep them there until I'm ready for them."

Bird skins, which are much more delicate, are dusted inside with a special powder to protect them. While the hides and skins are being cured, Heberer builds the bodies, which are made out of wood, excelsior and wire. The heads are molded out of plaster-of-paris, then attached to the excelsior bodies with wire.

After the bodies have been constructed, Heberer stretches the hides and skins over them. "I then sew them together, add artificial eyes, and touch up the mouths, and any place else where there should be exposed flesh, with modeling wax."

Working in his spare time and in evenings in the basement of his rural home Heberer can rebuild a bird in three hours, and an animal in four hours. However, it usually takes three weeks for the bird to dry out and from four to five weeks for the animal to cure.

For a time Heberer was a registered taxidermist, but he has given up his license, and now does it only as a hobby. "There wasn't enough work around here to make a living at it. So I only mount game that I have killed or which my friends bring to me."

Heberer has preserved possums, mink, foxes, squirrels, coons, deer heads, cats, and one coyote. He also has mounted geese, ducks, pheasants, quail, owls, hawks, crows, and one little hummingbird.

In addition to being a taxidermist, Heberer is also a commercial fisherman. He makes his own nets too. He is employed at Scott Air Field as a refrigeration man. He is a member of Tri-County Electric Co-op, Mt. Vernon.

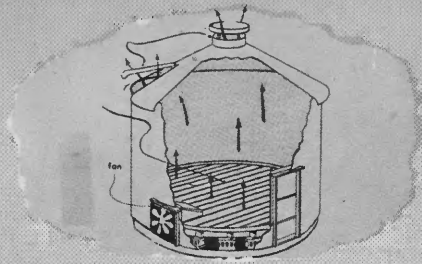


Figure 1

# CROP DRYING



Figure 2



Figure 3

■ Corn left in the field long enough to dry thoroughly may suffer as much as 20 per cent loss. Most of the damage is caused by wind, rain and insects which attack the dry kernels. Mechanical dryers can reduce this loss to a minimum.

Where a farmer must sell corn at high moisture content, dockage can run as high as 14c per bushel. At a base price of a dollar per bushel, the net dockage on 200 acres of corn averaging 100 bushels would pay for a circulating batch bin dryer.

With drying equipment you can pick your corn at 30 per cent moisture, which is maximum maturity and it is also the point at which corn harvesting equipment works best insuring minimum field losses. And mechanical drying rids the grain of damaging moisture.

Another advantage of artificial drying is that it makes early harvesting possible, which often means a savings in labor and time. Field conditions are usually much better in the early Fall.

There are no hard and fast rules about which type of drying equipment a farmer should use. The sys-

There are three methods for drying a corn crop. There is the natural air method, which uses only a fan. There is the natural air and supplemental heater system. Finally, there is the batch dryer, or high heat system.

tems available include natural air, which uses fans only; natural air supplemented by heat, and the high heat method. The latter involves a circulating dryer of the batch bin type. Generally speaking, the farmer with an average yield of 10,000 bushels of grain or more, can profitably invest in this type of dryer.

Where drying with unheated air or low heat is going to be used, it is best to store the grain in a round steel bin with a perforated floor. Actually, ear corn in cribs or shelled grain in bins without perforated floors may be dried efficiently by using a duct system, properly sized to distribute the air. With the more efficient perforated floor bin, however, it is easier and less expensive to install and operate the drying equipment although the cost of the original bin is greater.

Figure 1 shows a typical installation where unheated air is being used to dry grain in a round bin with a perforated floor. For this type of installation, consider the following example: With a 21-inch, three hp., tube axial fan you can dry a four-foot layer of wheat in a round bin, 18 feet in diameter from 25 per cent moisture down to approximately 13 per cent in eight to nine days if the relative humidity stays at or below 60 per cent and the temperature 70°F. or higher.

Now with this same bin of wheat you can insert the supplemental heater shown in Figure 2 and dry to the same moisture content in about 51 hours even if the relative humidity goes up to 90 or 100 per cent and the temperature drops to as low as 40° to 50°F. This heater has a humidistat control which allows the burner to come on only when temperature and humidity are such as to require the added heat for maximum drying capacity. The drying time involved is one-fourth that required for unheated air drying. Drying in-storage grain with supplemental heat is the most practical method.

Figure 3 shows a typical circulating dryer of the batch bin type. This type of dryer is commonly used by the farmer or elevator with relatively large amounts of grain to dry, 10,000 bushels or more. An efficient method for handling grain is to dry it with high heat drying, using a circulating dryer, and then store it in round bins equipped with aeration ducts which will permit future aeration for safe, extended storage.

One of the essentials in securing an efficient drying system is to ask a competent and reliable dealer who can advise you as to the type of equipment you will need for your particular drying job. The variable factors including the diameters of bins and the depth of grain make it necessary to consider each farmer's drying requirements individually.

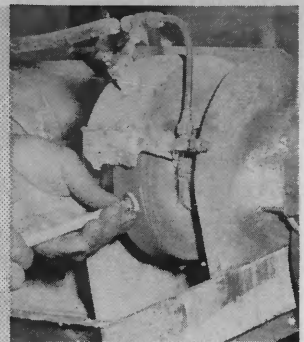
Another important contribution toward properly conditioning stored grain is called aeration. This is becoming a common practice among farmers who have stored grain which has already been dried down to a safe storage level. Aeration is accomplished by forcing a smaller amount of air than needed for drying through the grain to insure that the moisture does not build up in the [Continued on page 11]





Left: George Mille turns stones into attractive jewelry items.

Below: Rocks are cleaned after being tumbled for several days.



Above: Mounted on a dop stick rocks are ground to size.

Below: Brooch was cut from this piece of superior agate.



## Collecting rocks wasn't enough! He had to do something with them

Unlike most rock collectors, young George Mille of near Galva in Henry County, was not merely content to feast his eyes on the numerous specimens that he had uncovered in several years of searching near and wide. He wanted to do something with his rocks. That's how he came to take up the hobby of making costume jewelry.

The 27-year-old Mille, who earns his living as a farmer, fashions attractive rings, pins, earrings, cuff links, bracelets, and necklaces from the rocks he finds during expeditions through the countryside. He sells this jewelry mainly to friends.

A fulltime corn and livestock producer — Mille farms 360 acres in partnership with his father—George spends most of his leisure hours changing agates and semi-precious gems into attractive jewelry. Once a rock is polished, George can turn it into a finished trinket in less than two hours.

Mille learned how to do this work from a fellow-collector. However, he also found out that the equipment used in this transformation process was expensive, costing as much as \$7,000. That's when he decided to make his own.

"I figured I could get started with four simple machines; a diamond blade trim saw, a grinder, a polisher, and a tumbler to smooth the smaller gems. And I believed I could make my own equipment," the soft-spoken farmer, recalls.

For \$26 he purchased a diamond blade which he attached to his eight-inch trim saw. He then fitted up a pump, made from a car windshield washer, and operated by a small motor, to circulate a coolant of kerosene and water over the blade to prevent overheating.

Mille built his polisher from four pulleys salvaged from an old threshing machine, and he covered them

with inner-tubing. Over these tubings he put two sanding belts—a hard and a fine mesh. Cost was less than \$20. "A new machine like it would cost \$200 or better," Mille points out.

"I had a small grinder." That left the tumbler for Mille to make. His is made out of a gear box from a coal-fired stoker which churns a milk can, found in a junkyard. Small stones are put in this contraption, a watery solution of abrasive material is added, and the rocks are continuously rotated by an electric motor until smoothed down.

According to Mille this process of tumbling usually takes five weeks. Then the stones are ready for the finishing process that will convert them from pebbles into attractive gem settings. Mille first selects the mounting he wants to use, then he mounts the small stone on a pencil-sized stick, called a dop stick. "This makes it easy to handle and to hold against the grinder." The stone is rounded into shape, given a final buffing with a tin or chome oxide compound, and mounted.

Larger rocks are cut on the diamond saw, marked with a brass braising rod as to desired shape for mounting and finally cut by a trimming saw. "I finish these larger pieces the same way I do the smaller stones. I mount them on dop sticks and grind them into shape. I usually make these larger pieces into broochs and pins."

Mille finds many of his gem-stones along the shores of the Mississippi River, especially where gravel has been pumped out.

Until he completes his new home, Mille stores his finished settings in a room in his parent's farm house. He plans on converting the basement of his new home into a work room. He is a member of Illinois Valley Electric Co-op.





Colleen Callahan, her champion barrow—Reliable—and her parents, Mr. and Mrs. Francis Callahan, pictured right after little girl's hog won championship.

# HER HOG COMES THROUGH

**Nine-year-old Colleen Callahan's barrow wins top swine prize of International Livestock Show and check for \$4,715**

■ Tears formed in the bright eyes of nine-year-old Colleen Callahan, when the judges proclaimed her 202-pound Hampshire Barrow the grand champion of the International Livestock Exposition, last November in Chicago. All the little girl could say was "Whoopie."

True to his name—Reliable—the barrow had rewarded his mistress with the top prize of the swine class at the nation's largest livestock show.

Colleen, the youngest exhibitor to win a national championship at the International, also received the highest price ever received for a barrow anywhere in the world, when the president of Honeggers'

& Co., paid \$23 a pound for the pig for a total price of \$4,715.

The diminutive brunette showed six pigs at the livestock event and came off with nine ribbons. In addition to the champion barrow, Colleen had from the same litter, two first place ribbons in the lightweight and middleweight classes, third and fifth place ribbons in the heavyweight class of the open show, and second and third place ribbons in the heavyweight class of the quality pork carcass show. These winnings brought her a total of \$350 in prize money.

In capturing the swine championship in her first showing at

the International, Colleen duplicated the feat of her father, Francis, who exhibited the grand champion barrow of the 1945 International, the first time he showed hogs. But, he sold his pig for only \$2,037.

When the award was announced, both youngster and her parents were elated. Mrs. Callahan, wept with happiness. Mr. Callahan, a farmer as well as a field representative with the Union Stockyard and Transit Company, was speechless. Colleen hugged her prize pig, saying over and over, "you're a nice pig—you're a nice pig."

Colleen's winning pigs came from the only Hampshire hog litter on the Callahan's 225-acre farm, near Milford, Iroquois County. The reason: Both Colleen's father and grandfather are breeders of Chester Whites. In fact, the eldest Callahan, Joe, is national president of the Chester White Breeders Association. The Callahans farrow about 350 purebred Chester Whites a year.

The young girl's dad purchased the dam of this Hampshire litter as a gilt, last April. The prize-winning litter was farrowed in June. From then until the show, young Colleen fed and groomed the eight pigs every day.

Colleen kept the two gilts of the litter as well as the mother sow at home. The sow will farrow this month and pigs of this litter will figure in Colleen's first-year 4-H program, since she will be 10 on February 12 and will be eligible. The gilts will farrow in June and young Colleen intends to groom these litters of pigs for next fall's International.

In the meantime, Colleen attends the fourth grade at Stockland Community School, about 10 miles from her farm home. On weekends, she and her mother have been traveling with the champion barrow—now renamed Mr. Pig Popper — to various sites in and around the midwest on a goodwill tour, sponsored by Honeggers.

With three other pigs, Mr. Pig Popper is a part of an educational exhibit designed to focus attention on the progress made in feeding, breeding and management during the past 60 years. Colleen's presence demonstrates that age is no barrier to success.

The Callahans are members of Eastern Illinois Power Co-op, Paxton.

## REA chief David Hamil

**resigns his position; three  
of his top officials  
also slated to leave**

□ David Hamil, administrator of the Rural Electrification Administration, resigned his office, February 3. No successor has been named as yet. In the interval, John A. Baker, director of agricultural credit services, has been named as acting administrator. Secretary of Agriculture Orville Freeman made the announcement. Hamil's resignation followed closely the release of three of his top assistants: Ralph J. Foreman, deputy administrator; Roy G. Zook, assistant administrator for electrification; and Norman H. McFarlin, assistant administrator for telephones.

In announcing his resignation, Hamil stated: "It has been my personal privilege to serve REA as administrator for more than four and one-half years. During that period, nearly a half million rural people were added to the lines of REA-financed electric systems, and hundreds of thousands of others received improved service. In the rural telephone program, loans were made to 299 new borrowers, and more than 300,000 subscribers received service for the first time . . . I return to private life more convinced than ever that the REA programs have done as much—or more—than any other Federal programs to improve the quality of rural life in the United States."

Hamil was appointed to a 10-year term in 1956 to replace Ancher Nelsen who resigned to campaign for the Republican nomination as governor of Minnesota. Hamil is from Atwood, Colo., where he and his brothers operate a cattle ranch. He is a former speaker of the Colorado House of Representatives.

□ Secretary of Agriculture Orville Freeman has issued a nine-point set of principles for REA, one of which said, "we expect to have an administrator in whose judgement we shall have sufficient confidence that he may be delegated authority to evaluate and approve individual loans . . ." That statement apparently means that a new administrator will have a freer hand in carrying out the loan function of REA. One of the criticisms of the last administration was that Secretary of Agriculture Ezra Benson took away much of the REA administrator's loan-making authority.

In setting out the general principles of REA, Freeman promised to support President Kennedy's campaign pledge to "restore REA to its former role of pre-eminence—freeing it from constant concern over political interference, higher rates of interest, budgetary starvation, and enabling that remarkable American institution to get on with its work of providing

low-cost electricity and telephones for every American farm family."

Among the nine points, issued by Freeman, were those which reaffirmed support for generation and transmission loans, as well as continued opposition to any change in the two per cent interest rate on REA loans. Freeman also expressed "strict enforcement of the public preference clause in power marketing for power generated at Federally-financed plants.

□ Rural Electrification Administration will take a substantial cut in loan funds if the budget submitted by the out-going Eisenhower administration is adopted. The Eisenhower budget requests combined with

### Ike's budget request

funds carried over from the current fiscal year would give REA only \$175-million to carry out its rural electrification loan program in the 1962 fiscal year beginning July 1. For the current fiscal year ending June 30, REA has a total of \$308-million. Eisenhower submitted his budget during his final week in the White House.

For the most part, the budget figures and the accompanying message are considered strictly as being for the record and are expected to have little bearing on the actual funds provided. Kennedy, as the new President, will be free to submit a completely new budget to Congress or as an alternative, draft amendments to specific areas of the outgoing administration's figures. Eisenhower figures for rural electrification included \$115-million in new funds plus \$30-million for a reserve or contingency fund. Added to these figures are a \$27.6 million carryover from the current fiscal year and \$2.5 million in funds for loans still subject to possible rescission.

□ The government doesn't owe damages for cancelling the controversial Dixon-Yates contract, the U. S. Supreme Court ruled last month. The six to three decision overturned a lower court ruling that the U. S.

### Dixon-Yates loses appeal

must pay \$2-million damages to Mississippi Valley Generating Company for its expenses prior to the contract's cancellation in 1955. Mississippi Valley was a subsidiary of Middle South Utilities and Southern Company. Edgar Dixon headed Middle South, and Eugene Yates headed Southern—thus the term Dixon-Yates.

Under the contract with Atomic Energy Commission, Mississippi Valley was to supply power to Tennessee Valley Authority, and AEC would buy it from TVA. A congressional inquiry showed AEC would pay more for the power than it would cost TVA to build a steam plant near Memphis and supply the power. In the midst of the inquiry, Senator Estes Kefauver (D. Tenn.) discovered Adolphe Wenzell, a budget bureau adviser and officer of First Boston Corporation, Dixon-Yates' financial adviser.

In his decision, Chief Justice Earl Warren said Wenzell was the "real architect" of the Dixon-Yates contract, and because of his conflict of interest the contract was void. The 1863 conflict of interest law, he said, "is directed at an evil that endangers the very fabric of a democratic [Continued on Page 17]



## Crop Drying

[Continued from page 7] grain. Power and equipment requirements for this operation are considerably less than for drying.

The circulating dryer is usually portable and varies in capacity from 200 to 600 bushel per load. It will dry at a rate of approximately 50 to 200 bushel per hour depending on moisture content. This does not include loading and unloading time. A hot air chamber is located inside the bin. A high capacity fan forces a maximum amount of heated air out through the wet grain in the bin which surrounds the hot air chamber. Usually an elevator is built into the batch bin for the purpose of circulating the grain and for unloading. It is important to make sure that the bin has effective safety controls.

Mechanical drying is now an accepted practice on many farms and its popularity is increasing for it provides insurance against severe losses in the production of grain.

## EARLIEST TOMATO

**JUNG'S WAYHEAD**  
BIG RED FRUITS RIPEN EARLY AS JULY 4th. Regular price 15c per pkt., but to introduce Jung's Quality Seeds we will send you a trial pkt. of Wayhead Tomato and also a pkt. of GIANT HYBRID ZINNIA which bloom from early summer until frost and will rival chrysanthemums in size and beauty. Both pkts. for 10c. Beautiful 54th Year Catalog, in full color, of the newest and best in Seeds, Bulbs, Plants and Shrubs is free. A Premium Coupon in catalog.

**J. W. JUNG SEED CO.**  
Station 102 - Randolph, Wisconsin



FEBRUARY, 1961

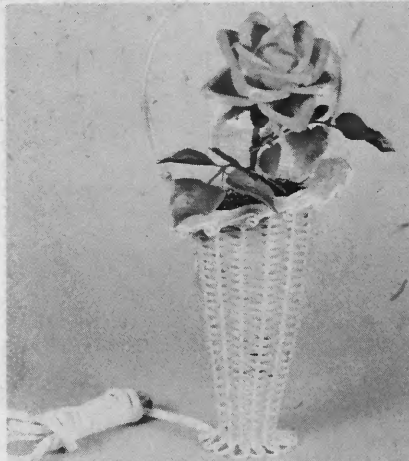
# What's New?

### ● BATHROOM HEATER



Focused warming comfort is obtainable with this new quartzzone bathroom heater. Economical to operate since its infrared rays provide heat only when and where you want it. It is efficient, whether used when stepping out of a shower, or in drying the baby. The heater can also be used in the nursery or basement. The heater measures 24 inches long by five inches wide and six inches high. Available in 120 or 240 volts with 800-watt capacity, the heater is priced at \$27.95. It is made by Electromode, P.O. Box 1052, Rochester 3, New York.

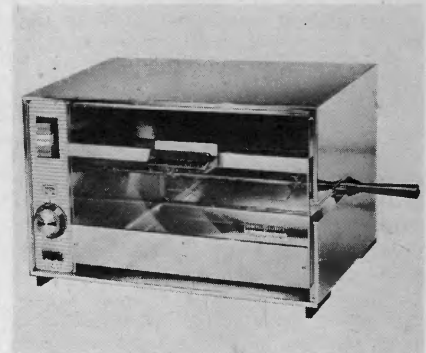
### ● DEODORIZER



This lovely, natural-looking flower is actually a lamp, which when illuminated, deodorizes a room. As the flower is heated, perfume sprayed on it fills the room with its fragrance. Made of patented, non-flammable plastic the flower is safe. It is also washable, and the flower (bulb) is easily changed. Sprayed with insecticide, it can be used to control insects. It can be purchased direct from Fitzgerald Co., 128 Cynthis Dr., Hampton, Va., for \$3.95.

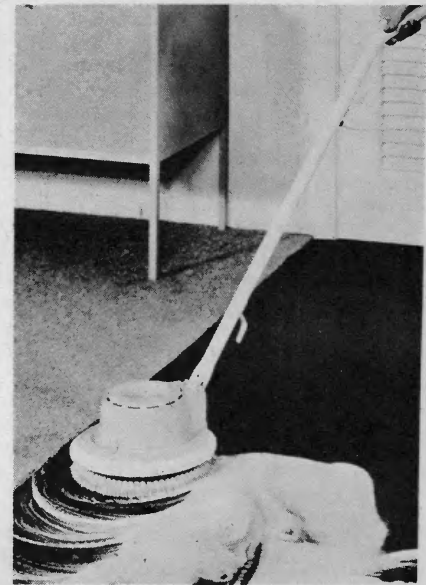
### ● ROTISSERIE-BROILER

This combination rotisserie-broiler is designed for easy cleaning and for fast, true broiling. The open-air design provides a constant flow of fresh air to drive out moist air and to permit meat to cook under direct infra-red heat. The unit also features pushbutton controls, a three-hour timer, and a timed outlet for other appliances. Made by General Electric, the broiler sells for \$54.95, and comes equipped with spit rod, two skewers, broiler pan and rack, broiler pan shelf supports and a removable reflector.



### ● SCRUBBER-POLISHER

So simple in design and operation is this Westinghouse scrubber-polisher. The large single brush gives it an orbital action which leaves no swirl marks from wax or polish. The polisher comes with a brush for scrubbing, another for waxing, and a full set of disposable buffing pads. The scrubber's action is even and gentle. There is little vibration. The appliance lists at \$49.95.



11

Damon Williams, Manager

## OUTAGE CALLS

Office hours: 8 a.m. to 5 p.m., Monday through Friday. Closed on Saturday. Telephone 404—Newton.

To report an outage after Office Hours call Mrs. Wilma Bever, Newton; Joe Ware, John Tabb, or Gene French, at Newton; Francis Smith at Claremont, or Cloyce Johnson at Lawrenceville.

Have you seen any robins around yet this year? Or bluebirds? Maybe you haven't noticed any or haven't even given it a thought.

There was a time, and some of us can well remember—say 40 years ago, when everyone watched for the return of the birds or any other early signs of the coming of spring. It seemed important then when farming was a long and slow way of earning a living. Better get the oats out in late February or March if possible or you might start running so far behind with your farming that some land would have to lay idle.

How times have changed! We doubt if there is a single farmer on our lines who gets up at 4 o'clock every morning, heats water on an old wood stove to thaw out the pump so he can pump water for his livestock, and milks a dozen or 15 cows by hand before breakfast.

Now almost every farmer who milks cows, does so with an electric milking machine, pumps his water with an electric motor and keeps his water pipes from freezing in cold weather by using heat lamps or heating tape. While he is pushing buttons and closing switches here and there his electricity is doing most of the work. Meanwhile, his wife quickly prepares breakfast on an electric range.

We understand that there are still a few gas ranges in use and we certainly do not want to be too critical of them. After all, in consideration of the present day prices of almost everything we buy, very few people can afford to throw away a perfectly good gas range in order to buy a more modern type.

Also, why worry anymore about not getting your oats sown in February or March? Who needs to raise oats anyway. There are no farm horses left to feed them to, and no way has yet been found to economically convert them into tractor fuel. With a television set, a radio, or both, in every home we can easily find something else to worry about if we are so inclined. The world situation, for example, Laos, the Congo, or Cuba.

Maybe we don't even need the birds to return in the spring. Weather reports tell us every day exactly what kind of weather to expect tomorrow. Whenever the weatherman misses with his prediction he can later tell us why he missed and guess again. While waiting for the next weather forecast we might even tune in on a good western show (if there is such a thing as a good one.) Then we can relax, forget our worries, and enjoy the best.

Who was talking about the "Good Old Days" anyway? In spite of all the

trials, trouble, and tribulations of today, we can't seem to find anyone who would really like to go back to living in the days before the advent of the automobile, the farm tractor, and electricity.

## Convenience

To most members the objective of your electric cooperative is quite clear but some younger members who have had the privilege of "growing up" with electricity, may not appreciate the significance of their electric cooperative.



Ralph White  
Manager

Prior to 1935, the birthdate of REA, only about one out of 10 farms and rural establishments had electric power available. REA, a lending agency, made funds available for rural electrification. The farmers took advantage of this and built their own electric systems. Rural electric cooperatives were formed all over the country. The co-ops hired a manager, who could help organize the business, but policy making was formulated by the directors and still is. The directors are elected by the members at the annual meeting.

In the beginning, the object of the cooperative was to "get lights." Now the job of rural electrification is taking on the second phase of operation. America is virtually 100 per cent electrified and the job of getting lights, as originally stated, is not the goal. That goal has been reached.

### Present Objective

After electric power is made available, the objective of "giving the best possible service at the lowest possible cost" is more important to the members. Your manager and board of directors are constantly striving to give you improved service and to hold the line on costs.

As you know, but may not realize, electric power is about the only commodity that the cost per unit (kilowatt-hour) is actually less now than at any time. Increased use of electric power has made this possible, and it is up to you, to make sure that your cooperative, something that many of you have inherited, continues to thrive and function as a cooperative. It is your responsibility to elect the board members, to take an active interest in your cooperative and to continue to patronize to the fullest your electric cooperative.

### Essay Contest

There is still time for you to enter your electric cooperative's essay contest. Two young people are going to win an all-expense paid trip to Washington, D. C. To be eligible, the writer must be a sophomore or junior in a high school substantially serving the same area as Rural Electric Convenience Cooperative.

Write an essay of 1000 words or less on "The Electric Cooperative's Contribution to My Community." The closing date is March 31.

Inquire at your cooperative office for further information.

### Member Meetings

Your cooperative has just completed a series of nine informal group meetings. The response in participation in these meetings has been gratifying. The purpose is to give members an opportunity to learn more about their cooperative and to give their ideas and to ask questions about their cooperative.

Details of these meetings will be published in your *Rural HiLights*.

## Corn Belt

When you read this your annual member meeting may be history. The date is February 22. Members have received an annual report and we hope you have read it whether you come to the meeting or not. Questions and suggestions from members are welcomed by your directors and management.



T. H. Hafer  
Manager

**Bus Trip**  
All sophomores and juniors in high school in our area are eligible to win a free trip to Washington, D. C., in a bus with other winners from Illinois co-ops. This co-op will award trips to two students and other prizes through 10th place in an essay contest. The essay will be written on the subject "The Rural Electric Co-ops Contribution to My Community."

Write or call your co-op office or any director or booster committee member for details and helpful information. Essays must be in by March 31. Members should encourage students to enter.

### Joint Memberships

Co-op members are again reminded that husband and wife may have a joint membership which gives full privilege to either survivor and allows either one to vote at meetings but you must apply for joint membership if you did not both sign the original application. Ask or drop a card to the office if you have questions or want to be sure yours is joint.

### Death Ends Membership

When a member dies his membership ceases unless it is joint with spouse in which case spouse may continue it. The estate of the member still owns property rights in the co-op but any person using service must be a member in good standing. Service must be discontinued by the co-op at any place where we find bills being mailed to a deceased person.



# YOUR CO-OP

## Illinois Rural

In our constant endeavor to improve the continuity of our service, we carry on a continuous line patrol and preventive maintenance program to find and correct conditions which may cause a line outage or service interruption.



S. R. Faris  
Manager

One of the major items of potential trouble that we find all over our system is insulators which have been broken by rifle shot. Our maintenance crews change out hundreds of these insulators annually, the cost of which runs into thousands of dollars. In spite of our vigilance in trying to keep these insulators changed out as fast as they are damaged, we still experience an average of two major line outages a month from broken insulators, which results in a service interruption to an average of 50 consumer-members per month. Almost without exception these insulators causing the trouble have been hit with rifle shot, not once, but usually two or three times.

What can we do to stop this unnecessary damage, resulting in line outages and inconvenience to our consumers, and which is also costing us many thousands of dollars annually? We believe that the most effective way we can stop it is to have every member-consumer aware of the trouble that broken insulators cause and pledge to see to it that the practice of using insulators on our lines for targets is stopped. If there is a young man in the family who has a rifle, explain to him the serious trouble he can cause by shooting an insulator and get a pledge from him that he won't use insulators on any line for targets.

We can hardly believe that any adult would willfully destroy property by shooting insulators, but it is also hard to believe that any boy old enough to have a rifle wouldn't know better. We don't think that it's all boys, but regardless of who the people are who are doing it, we can improve our service and reduce operating costs by stopping them.

We urge that all our members keep their eyes open and report to the local sheriff if they observe anyone shooting insulators, or get their name and address and report to our office.

The Illinois Rural Electric Co. will pay a \$100 reward for information leading to the arrest and conviction of anyone shooting or damaging insulators on the cooperative's lines.

### Electric Home Heating

By the end of August 1960 more than 700,000 American homes were heated electrically, according to *Electric Heat and Air Conditioning* magazine. Also in Illinois, a Farm Electrification Council survey indicates that more than 6,036 Illinois homes were heated electrically.

This survey did not include the municipally-owned systems in Illinois, however, and it is estimated that another 1,000 would be added to this number if those served by municipally owned systems were included.

The Illinois Rural Electric Co. as of this date has 84 homes heated electrically, having added 22 electrically heated homes to its system in 1959.

## M.J.M. Electric

On January 17, a community meeting was held by your cooperative at the A.T.A. Hall, North of Bunker Hill. This was the first of a series of meetings to be held by the cooperative. Others will follow.



Ora Snider  
Manager

Mr. and Mrs. Gary Bauer acted as hosts for the meeting. A crowd of about 90 members viewed a 30 minute movie telling the rural electric story. A discussion followed and the members attending had an opportunity to ask questions about the operations of the cooperative.

All members present received an attendance award, and doughnuts and coffee were served as refreshments.

On Thursday of the same week, Mr. and Mrs. Orville Breitweiser served as hosts for the meeting at the Delhi School. Due to the real cold weather only about 45 people were there. The same type of program was conducted and a good discussion followed on the affairs of the cooperative.

We hope that our members will make every effort to attend a community meeting, when one is scheduled in a local area.

We wish to express our appreciation to the people east of Carlinville and the Barnett region for their patience during the construction of the new line serving that area. Due to weather conditions, the line was finished later than had been planned, but now that the line is completed, we believe that everyone in this section will be rewarded with better service.

Many of our consumers, who own cottages or cabins, have expressed the desire to pay for their electric service on an annual basis. Therefore, beginning this year, we are making available a prepayment plan based on last year's usage. The meter will be read annually by our linemen and adjustments made accordingly. However, the members, who wish to make monthly payments on seasonal usage, may continue to do so. The annual prepayment basis is optional.

John Allen, who recently retired from his duties after 15 years of faithful service to this cooperative, left for Arizona, where he will visit in Tucson and Phoe-

nix, and from there he will go to Los Angeles to visit his children.

We all wish Mr. Allen a pleasant retirement, and, we know that he will now be able to do the many things that he was unable to do while working full time, among them his interest in community affairs and his church activities.

## Shelby

One year ago in the Illinois "Rural Electric News" your Shelby Electric Cooperative had a two-page spread of interesting things which were taking place along the lines. For those of you who do not keep the news for a year, here are some topics we discussed:

Mr. Aaron Small and his new all modern, electric farrowing house; electric heat going in a new home near Neoga, and Knobs Church adds a Sunday School class room and included electric baseboard for heat. Last but not least Kenneth Waddell, seven months, son of Mr. and Mrs. Wm. E. Waddell, makes his first appearance in the news.

This all happened a year ago. Today with the price of hogs we could still talk of the new farrowing houses and finishing buildings going up over the area. Then electric heat requests and completed jobs have doubled since last year. To be progressive, we can not stand still.

### Area Meetings

Again this year there will be area membership meetings held in each of the eight substation districts. The present plans are for the last three weeks of March. And please, don't let it snow as it did last March.

There will be several very important matters to be discussed at these area meetings. Topics which you will not want to miss will be presented. There will be committees appointed from these meetings to plan the annual meeting of your cooperative. Also, there will be a nominating committee chosen by you, the members.

Your board of directors and management urge every one to attend his area meeting.

As the time grows nearer you will receive letters giving meeting place, date and time. Let us all get together, talk, ask questions and visit with old friends.

### Wire Sale

At the present time your cooperative has several hundred pounds of number six, weatherproof, copper wire to offer to its members. This is a good grade of used wire in good condition and in various lengths. If you need to expand and want to use copper it is available at the office at a greatly reduced price. Don't make us have to sell this wire to the junk dealer. Come to the office and get as much as you want. First come first served on a cash basis.



W. L. Walker  
Manager

# Smile Awhile

## AT LAST—VICTORY

An old Indian stood on top of a hill with his son, looking over the beautiful valley below them. Said the old Indian, "Some day, my son, all this land will belong to the Indians again. Paleface all go to the moon."

## COME CLEAN

On the rifle range one morning the sergeant said to the corporal: "I wonder what Private Boyett did before he got drafted."

"Why?" the corporal asked.

"Because every time he fires a shot at the target," the sergeant replied, "he takes out his handkerchief and wipes his fingerprints off the gun."

## A DULL TRIP

Scientist to returning spaceman: "Tell me, is there any life on Mars?"

"Well," answered the spaceman, "There's a little on Saturday night, but it's awfully dead the rest of the week."

## JUST TESTING

At a zoo a man meditated by the camel. He picked up a straw, placed it on the camel's back and waited. Nothing happened.

"Wrong straw," he muttered as he crept away.

## SILENCE IS GOLDEN

Once upon a time a lion ate a bull. He felt so good that he roared and roared. A hunter heard him and killed him with one shot.

Moral: When you are full of bull, keep your mouth shut.

## SAMPLES

A minister who was very fond of pure, hot horseradish always kept a bottle of it on his dining table. He offered some to a dinner guest, who took a big mouthful.

When the guest was finally able to



speak, he said reproachfully, "I've heard many who preached hell fire, but you're the first one I've met who passed out samples of it."

# LAND BANK LOANS ARE FIRST CHOICE OF FARMERS IN ILLINOIS

## Because they provide credit on the MOST FAVORABLE TERMS AVAILABLE

Farmers today are good businessmen. One way or another they know a land-bank loan means better service, less cost, and more net income. Member-borrowers know that a land-bank loan helps their farm earn more money.

Land-bank member-borrowers have invested 40 million dollars in the capital structure of the Federal Land Bank of St. Louis, and another 7½ million dollars in their associations. This tremendous capital provides the opportunity to develop loans with terms best suited to the needs of farmers, at the lowest possible cost. When you get a land-bank loan you get these benefits immediately.

The use of these capital funds is guided by directors who are successful farmers. Their decisions are always based on what is good for farmers.

Land-bank loans have helped them and their neighbors farm more successfully. It will pay you to get the facts from the Manager of the Federal Land Bank Association in your area.



*A land-bank loan assures friendly service  
and will put more money in your wallet.*

## FEDERAL LAND BANK

AMBOY  
BELLEVILLE  
BLOOMINGTON  
CARLINVILLE  
CARROLTON  
CHAMPAIGN  
CHARLESTON  
DANVILLE  
DECATUR

DEKALB  
EFFINGHAM  
EUREKA  
FREEPORT  
GALESBURG  
HARRISBURG  
HILLSBORO  
JOLIET



"A farmer-owned cooperative"

## ASSOCIATIONS IN ILLINOIS

KEWANEE  
LINCOLN  
MACOMB  
MONMOUTH  
MORRISON  
MT. VERNON  
OREGON

OTTAWA  
PITTSFIELD  
PRINCETON  
QUINCY  
SPRINGFIELD  
WATSEKA  
WOODSTOCK



A phone  
call turns  
on your  
appliances



Engineers have devised a system for turning electrical appliances on by merely dialing home phone number.

■ To "telephone your oven—or for that matter, virtually any electric appliance — may appear a fantastic dream, but it is not.

In fact, engineers of Westinghouse Electric Company have now made this possible.

The company has developed a method of operating electrical household appliances, cooling and heating equipment, and other electric household devices by dial telephone from any location in the United States.

For example, if sometime in the future, you are about to take a jet flight from Los Angeles or New York to your home, you step into a telephone booth—make a call—and in a matter of seconds the air conditioners you turned off last week will be turned on, and your house will be cool upon arrival a few hours later.

A Westinghouse exhibit of future products for the home now touring the United States shows a dial control system presently embodied experimentally in an electric range.

Basic to the system, which operates with simplicity, is a relay box. Its size and number of relays determine the number (and kinds of things the remote control telephone will do.

The system is explained as follows:

When the owner of the equipment leaves his home, he turns the appliances to automatic. Then from any dial telephone in the country he can call his home number. Next, he dials the code connecting him to the relay box.

Another code number connects him to a specific appliance or device he wants to control. One more number selects the point at which the setting is to be made, like operating the oven, turning off a light, turning on an air conditioner, or defrosting a refrigerator.

In the exhibit now traveling throughout the United States, there are six operating positions—four for oven temperature selections, a fifth to activate the oven broil unit, and a

sixth for turning the appliance off.

Although the equipment is commercially available through telephone companies, at present, company engineers have no plans for carrying the project beyond the experimental stage until a check is made of the customer potential for such apparatus.

## New Early Tomato

An extremely early tomato, often ripening big red tomatoes by July 4th, has been developed at the Jung Farms in Wisconsin. You can obtain a trial packet of this tomato by sending 10c to the Jung Seed Co., Box 30, Randolph, Wis. They will not only send you this tomato seed but also a packet of the glorious Giant Hybrid Zinnias and a copy of their 54th catalog, America's most colorful 1961 seed catalog.

# BLACKOUT!

GET POWER BACK FAST WITH A  
WINPOWER TRACTOR-DRIVEN GENERATOR

NOW You Can RENT or LEASE A Winpower Tractor-Driven Generator. Cheaper Than Insurance; Fully Tax-Deductible.

Protect your farm and family against power failure NOW with a dependable Winpower Tractor-Driven Generator, PTO or belt-driven. Supplies FULL power for lights, radio, tv, motors, heating system, water pump, milker, brooder, milk cooler, automatic feeders, etc. Lowest in cost. 20 year warranty.

Write For Free Folder  
Winpower, Dept. IL2, Newton, Iowa

# Zero<sup>®</sup>

## FIRST CHOICE of PROGRESSIVE DAIRYMEN



WASHES, RINSES  
AND SANITIZES  
ITSELF!

features ROUND DESIGN  
and VACUUM

—THE SIMPLE, MODERN WAY  
TO AUTOMATION

### DON'T GET CAUGHT WITH AN OLD-FASHIONED TANK!

Some farm bulk milk coolers can be as obsolete the day they are installed as your car cooler! Here are three, sure ways to tell an old-fashioned tank — so you won't get stuck with one:

(1) An old-fashioned tank, usually rectangular-shaped, requires water and ice to meet the cooling code, practically doubling your cooling expense. (2) When cleaning equipment is installed and used in an old-fashioned tank — the large, loose, awkward lids leak water all over your floor; and the corners are practically impossible to clean properly. (3) When you go pipeline with an old-fashioned tank — you have to shell out a lot of cash for an expensive, hard-to-clean releaser or pump.

### SEND FOR FREE BOOKLET

—about the truly-modern, round-shaped ZERO T-20 Vacuum Automatic Bulk Milk Cooler, that cleans itself, today!

**Zero<sup>®</sup> T-20**  
VACUUM  
AUTOMATIC  
**BULK MILK COOLER**  
—with BUILT-IN SPATTER-SPRAY  
AUTOMATIC WASHER

MAIL COUPON FOR FREE BOOKLET  
ABOUT A TRULY MODERN TANK!

ZERO Corporation  
757-N Duncan Ave.; Washington, Mo.

Please send me your FREE Booklet about the ZERO T-20 Vacuum Automatic Bulk Milk Cooler—the truly-modern tank—and name of my nearest ZERO Dealer.

NAME.....

ADDRESS.....

CITY.....STATE.....



# PEN PALS

Hi Pen Pals,

With the arrival of so much snow, sleds have been flying, skis and skates have been busy. Have you had any bad falls or smushups? Sure hope not. Along with all the winter's fun, don't forget to keep in contact with your Pen Pals and also gain some new ones. Address any letters for publication to: Judy Parker, Jr. Rural Electric News, Box 1180, Springfield, Ill.

\* \* \*

## AUGUST BIRTHDAY

I am nine years old. My birthday is August 8. I have blonde hair and blue eyes. I am in the fourth grade at Morrisonville Grade School. I would like to hear from kids between the ages of nine and 11. I would like to have a picture, if possible. I promise to answer any letter that I receive. —



Karen Sue Wagehoft, R. R. No. 2, Morrisonville, Ill.

\* \* \*

## PLAYS CORNET

I am 12 years old. My birthday is July 27. I am in the seventh grade at San Jose Grade School. I have dark brown hair, dark brown eyes and I am four feet, four and one-half inches tall. My hobbies are collecting toy horses, horse pictures, rocks, dancing and playing my cornet. I have neither brothers nor sisters. I would like to hear from boys and girls between the ages of 11 and 15.—Larry Hoffman, Box 137, San Jose, Ill.

## LIKES ROCK 'N' ROLL

I am 11 years old and my birthday is October 23. I am four feet, five inches tall. I have blue eyes and brown hair. I am in the seventh grade. My hobbies are playing Rock 'N' Roll music, dancing and skating. I am also a girl scout. I have a brother and a sister. I go to Central City School. I have a dog, cat, bird and two rabbits.—Sherry Helpingstine, R. R. No. 2, Centralia, Ill.

## WANTS PEN PALS

I am nine years old and have hazel eyes and brown hair. My birthday is August 3. Do I have a twin? My hobby is reading. I will be in the fourth grade next year. I go to the Bend Consolidated School. I would like to hear from boys and girls of all ages. — Beth Neeley, c/o Norman Neeley, R. R. No. 1, Oblong, Ill.



## RIDES TRACTOR

I am 11 years old and my birthday is January 1. I have brown hair and black eyes. I am five feet tall and weigh 100 pounds. My hobbies are riding the tractor and playing ball. I also like skating, and bowling. I collect keys. I have three sisters. My favorite singer is Elvis Presley. I would like to hear from boys and girls between the ages of 10 and 15.—Marilyn Ammann, R. R. No. 4, Greenville, Ill.

## CATCHES SNAKES

I am 11 years old. My birthday is August 24. I am four feet and two inches tall and I weigh 75 pounds. I live on a 240-acre farm about three miles out of Johnston City. I have nine sisters and three brothers. My hobby is catching snakes. I would like to hear from boys and girls of all ages. Send pictures, if possible. — Bobby Dixon, R. R. No. 1, Johnston City, Ill.

## LIKES TO SKATE

I am 13 years old and I have blue eyes, and brown hair. My hobbies are skating and playing Badminton. I also like TV and popular music. My birthday is October 25. I would like to hear from girls and boys between 13 and 15.—Mary Kathryn Goldstein, Trill, Ill.

\* \* \*

## LIKES TO BOAT RIDE

I am 11 years old. My birthday is December 13. I am in the sixth grade. I have blonde hair and blue eyes. I am four feet, six inches tall. I weigh 70 lbs. My hobbies are watching TV, boat riding and skiing. I spend almost every weekend at the lake. I live in Noble. I have a pet kitten to play with. I would like to hear from boys and girls between the ages of 10 and 14.—Carol Ann Miller, Box 118, Noble, Ill.



\* \* \*

## PLAYS SOFTBALL

I am 12 years old. I have brown hair and light blue eyes. I am in the seventh grade at Newton Community Grade School. My hobbies are collecting shells and pictures. I like playing softball and baseball at school. I would like to hear from boys and girls between the ages of 11 and 13. I will answer all letters, if possible.—Marilyn Maxwell, R. R. No. 4, Newton, Ill.

\* \* \*

## LIKES PICNICS

I am 12 years old and my birthday is November 6. I enjoy going on picnics. I weigh 135 pounds and I am five feet tall. I like to watch TV and I also like to ride horses. I like Elvis Presley and Rickey Nelson. I will try to answer all letters I receive.—Charlotte Hendrix, R. R. No. 1, New Haven, Ill.

\* \* \*

## LIKES SPORTS

I am 15 years old. My birthday is August 31. I have brown hair and brown eyes. I am five feet, nine inches tall. I like track and basketball. I would like to hear from boys and girls between the ages of 15 and 17. My hobbies are swimming and hunting. I promise to answer all letters I receive. I am going to Jerseyville High School.—Billy Kranshaar, R. R. No. 2, Fieldon, Ill.

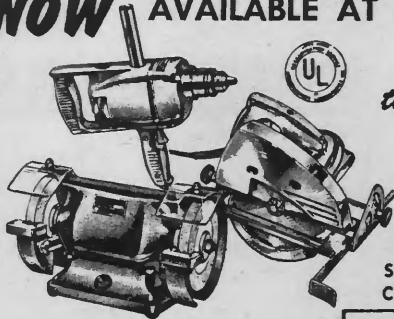


\* \* \*

## ENJOYS SEWING

I am 13 years old and my birthday is in January. I have brown hair and green eyes. I am in the eighth grade. My hobbies are swimming, sewing and writing letters. I belong to a 4-H club. I would like to hear from boys and girls between the ages of 12 and 16. I promise to answer every letter I receive. — Melba Meyer, R. R. No. 2, Coulterville, Ill.

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## Washington Roundup

[Continued from Page 10] society. For a democracy is effective only if people have faith in those who govern, and that faith is bound to be shattered when high officials and their appointees engage in activities that arouse suspicions of malfeasance and corruption."

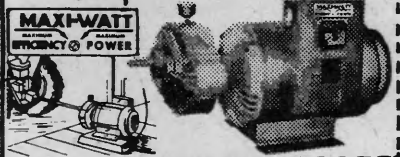
The evidence showed, Warren said, that Wenzell's "primary allegiance was to First Boston and that his loyalty to the government was fleeting." The Supreme Court's decision was hailed by Congressional supporters of TVA. Senator Wayne Morse of Oregon said the court has now written the final chapter in the case of a "political payoff" that came home to roost.

Senator Kefauver, who first exposed the Dixon-Yates affair, too, hailed the decision, but warned that the private power combines might now try to raise its rates to compensate for loss of the \$1.8-million in damages.



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Subsidiary of Zenith Radio Corp.  
SIOUX CITY 2, IOWA

## 'Your Co-op, One of the Best' Monroe President Declares

Members of Monroe Electric Co-operative were told: "You have one of the best electric cooperatives in Illinois," by Co-op President William H. Niebruegge, at the co-op's annual meeting, held February 4, in Waterloo.

Niebruegge said that the co-op may not be the largest in the state, but it is one of the best operated cooperatives. And, said the president, "We have, if not the fewest, close to the fewest number of outages or interruptions of service of any co-op."

The rural electric co-op president pointed out that last year the co-op had a net margin in excess of \$45,000, which in his opinion heralded a most successful financial year. "If we can, in the years ahead, continue to operate with our present rate and have a margin as much as this year's or even less, I personally believe it will be a successful operation," Niebruegge declared.

It was pointed out to the members that during the last year, Monroe Electric started construc-

tion on a three-phase line out of the Waterloo substation. Work is continuing on this line which will reach the vicinity of Coxeyville. This three-phase replaces a two-phase line, which has been outmoded by increased membership consumption.

Niebruegge mentioned that a power use program was started and that Morris Deul is in charge of it. The president also called attention to the Illinois Rural Electric News, published by the Association of Illinois Electric Co-ops. "We have subscribed to this magazine for one year and it will be sent to every member. We hope you read and like it."

Three directors were re-elected for three-year terms. They included: Peter F. Zoeller, Rodney H. Peter, and Herman H. Rosenberg. Manager/C. M. Douglas welcomed the members to the half-day meeting. Following the reports of the officers, there was entertainment. Attendance awards were presented at the close of the meeting.

## Kennedy Stresses Need For An Electrical Co-op Power Pool

Natural resource development and aid to depressed areas—both of vital importance to the nation's rural electrics—got a big boost in President Kennedy's first economic message to Congress. Kennedy told Congress that the nation must constantly develop new resource supplies, "if growth is not to be inhibited."

The President said it was also essential to economic growth to have long-range energy resource development and accelerated programs for economical production of energy from nuclear resources including nuclear fusion.

Of particular interest was one paragraph of Kennedy's statement which said, "we must begin now also to plan for regional cooperative pooling of electrical power." Both efficiency and growth goals," the message said, "will be served if we interconnect our hydroelectric and thermal resource plants."

The message did not spell out what form this development will

take in the new administration. Presumably the details will be forthcoming in later messages from the President or Secretary of the Interior Stewart Udall.

In what could signal the end of the high interest tight money policy, President Kennedy announced that he was ordering an immediate reduction in interest rates on loans of the Federal Housing Administration. This move is expected to have a strong influence in bringing down interest charges in other areas of government and private financing.

## TOMATO FROM SEED—70 DAYS

A new, extra early tomato that actually produced ripe fruit in 70 days from seed sown outside. This year grow your tomatoes from seed. Send 10c for trial pkt. to Jung Seed Co., Box 30-T Randolph, Wis. the developer. You will also receive pkt. of Giant Hybrid Zinnias and Jung's 54th full color catalog. Try Jung's this year for best in seeds, bulbs, shrubs, trees at a saving.

By Judy Parker

# 7

# RECIPES

## SALMON CHOWDER

- ½ cup sliced onion
- 3 tablespoons butter or margarine
- 2 cups diced raw potatoes
- 1 cup diced celery
- ½ cup diced carrots
- ¾ teaspoon salt
- ¼ teaspoon pepper
- 4 cups water
- 1 (pound) can salmon
- 4 cups milk

Saute onion in butter until transparent but not browned. Add vegetables, salt, pepper and water, bring to a boil and simmer for about 20 minutes, or until vegetables are tender. Add flaked salmon and milk and heat to steaming hot. Serves six.

## SALMON OMELET SOUFFLE

- 4 egg yolks
- 2 tablespoons milk
- ¼ teaspoon salt
- 1 can (7-¾ oz.) salmon, flaked
- 2 tablespoons chopped parsley
- 4 egg whites, stiffly beaten

Beat egg yolks with milk and salt until thick and pale in color. Stir in salmon and parsley. Fold in stiffly beaten egg whites. Pour mixture into generously buttered frying pan or two individual frying pans and bake at 450 degrees for 10 minutes. Must serve immediately like any souffle. This serves two.

## SALMON MUFFINS

- 2 cups sifted flour
- 3 teaspoons baking powder
- 1 teaspoon salt
- 2 teaspoons sugar
- ¼ cup shortening

- 1 cup milk
- 1 egg
- 1 can (7-¾ oz.) salmon, drained

In mixing bowl combine flour, baking powder, salt and sugar. With pastry blender or fork tines cut in shortening until it is broken into fine particles. Mix milk and egg, add to flour mixture and stir gently until dry ingredients are moistened to make lumpy batter. Do not beat. Fold in flaked salmon. Fill greased muffin tins ¾ full and bake at 400 degrees for 20 minutes. Makes 12.

## SHRIMP A LA KING

6-8 Servings

- ¼ cup butter or margarine
- 1 cup chopped green pepper
- ¾ cup minced onion
- 1 4-oz. can sliced mushrooms
- 3 tablespoons flour
- ¾ teaspoon salt
- ¼ teaspoon pepper
- 2 cups milk
- 1 egg, beaten
- 1 teaspoon Worcestershire
- 3 tablespoons chopped pimiento
- 1 tablespoon chopped parsley
- 2 cups cooked shrimp, halved

Melt butter in saucepan, saute green pepper, onion and mushrooms. Blend in flour, salt and pepper, slowly add milk, mixing well. Cook until slightly thickened, stirring constantly. Add the hot mixture to egg and mix, then return to pan. Add Worcestershire, pimiento, parsley and shrimp. Cook five minutes, stirring gently. Pour into serving dish, garnish with three-fourths cup shredded Cheddar cheese if you wish

(frankly, you might like dish better without this), parsley and pimiento rings. Serve on buttered toasted bread cups or slices of toast.

## SPINACH ITALIA

6-8 Servings

- 2 pkgs. frozen chopped spinach or 2½ lb. fresh spinach
- 2 eggs
- 2 cups milk
- 1 teaspoon salt
- ¾ cup soft bread crumbs
- 1½ cups shredded Provolone Cheese
- Paprika

Beat eggs slightly. Add milk and salt. Stir in drained spinach, cooked according to direction, then bread crumbs. Add half of cheese and mix together thoroughly. Pour into baking dish. Sprinkle remaining cheese around outside edge; top with paprika. Bake 30-35 minutes.

## TROUT MARGUERY

- 2-3 lb. tenderloin of trout
- 5 tablespoons cooking oil
- 1 cup water
- Salt and pepper to taste

Place fish in shallow pan with oil and water, season with salt and pepper. Bake at 375 degrees for 30 minutes or until done. Serve with following sauce:

- 2 egg yolks, beaten
- 1 cup butter
- Juice of 1 lemon
- Salt and pepper to taste
- 12 sliced shrimp
- 1 can (2 oz.) sliced mushrooms
- Cayenne pepper

Add beaten egg yolks to melted butter.

Shrimp a la king is an elegant dish when served in toast cups

Make this with fresh or frozen spinach—it's year-round good





# FOR LENT

Stir over low heat until thick, season with lemon juice, salt, pepper, and pinch of cayenne. Add shrimps and mushrooms. Dress fish on platter and pour sauce over. Serves six.

## FISH-FILLET ROLI-POLIES

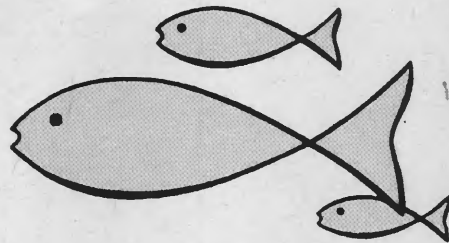
- 1 pkg. frozen or 4 fresh fish fillets
- 1 cup pkgd. bread stuffing
- 1 cup coarse cracker crumbs
- 4 tablespoons chopped parsley
- ¼ cup finely minced onion
- ¼ finely minced celery
- ¼ teaspoon salt
- ½ teaspoon pepper
- 1 tablespoon lemon juice
- 4 tablespoons melted butter or margarine
- Boiling water

Thaw fish, if frozen. Place each fillet in center of a square of aluminum foil. Combine crumbs with all other ingredients, adding just enough boiling water to moisten stuffing. Spoon onto center of each fillet and roll up. Tie each roll with soft string. Brush rolled fillets with additional butter and sprinkle with lemon juice, salt and pepper. Bring opposite ends of foil over each roll and overlap. Place on shallow pan and bake 35-40 minutes in 400 degree oven. To serve, turn back foil and pour over Mornay sauce: Melt two tablespoons butter or margarine, add one and one-half tablespoons flour. Stir and cook two minutes; then add one cup milk, one-half teaspoon salt, dash of black pepper, paprika and cayenne. Stir and cook until smooth. Add one-fourth cup grated American cheese and two table-  
spoons lemon juice and blend. Serves four.



A trio of delightfully flavored salmon dishes you'll want to serve now and later

## Fish-Fillet Roli-Polies

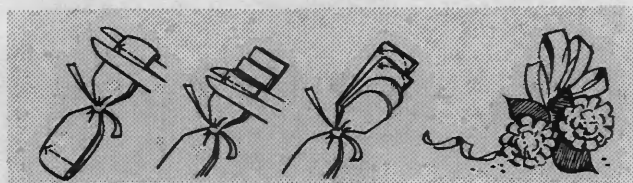






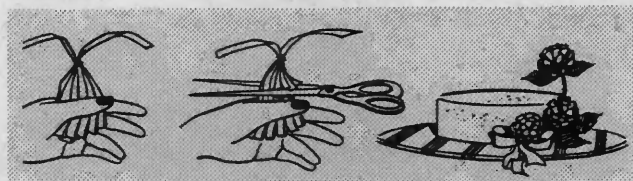
A basket of colorful flowers need not come from the garden. This young lady made her blooms from petal-shiny ribbon in a variety almost as bountiful as nature's.

■ Not everyone has a green thumb but anyone can make lovely flowers from gift wrap ribbons with just a snip of the scissors. What hostess hasn't wished she had a fresh table decoration, a new idea for a gift wrap or a new center piece. On these occasions a small amount of know-how, a pair of scissors and a roll of shiny ribbon can come to the rescue with perky blossoms guaranteed to brighten the occasion. All of the blooms shown here originate from the simple-to-make, pre-fab Magic Bow, and once you see how easy it is to alter your finished flowers by varying the amount of scissor work you do on the pre-fab, you will be able to approximate most any flower. The Magic Bow is made by winding a six-foot length of ribbon in a circle with a diameter of about five inches. Next, the opposing sides of the ribbon circle are brought together to resemble a bow-tie shape. At the junction, the two sides of the ribbon are notched, and a strip of ribbon is used to tie the pre-fab at the notched place. This is the pre-fab Magic Bow.

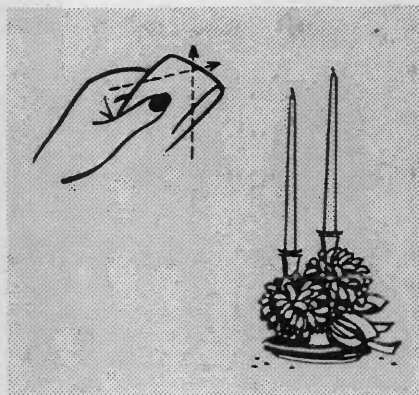


The charming camellia. Tie a pre-fab Magic Bow. Cut through the upper half of loops one-half inch from ends. Trim one-fourth inch off half of top length in each group. Round off corners of each group. Repeat at opposite end of pre-fab. Pull out lower petals first, from left to right, twisting shiny sides up. No twisting needed for center petals. To make camellia corsage, cut several leaf shapes from three-inch length of green ribbon; tape to back of camellia bow for corsage or favor.

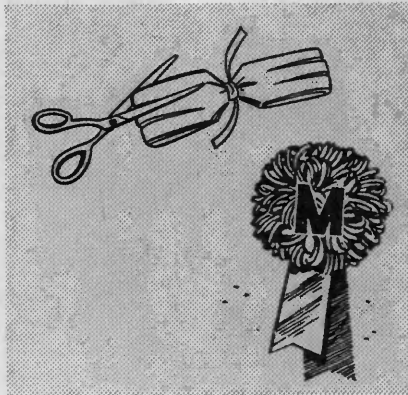
# Flowers anyone can fashion



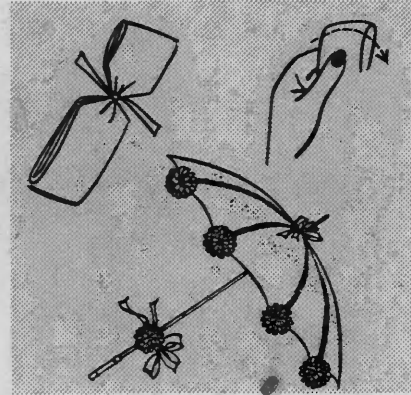
To make the crisp carnation, complete a Magic Bow. Then (this may take courage) crush together bow loops with left hand. Then, cut off bow about one and one-half inches from knot. To make the hats-off gift box, tape base of round paper-covered box on larger round cardboard disc. Decorate with crisp carnations and ribbon leaves.



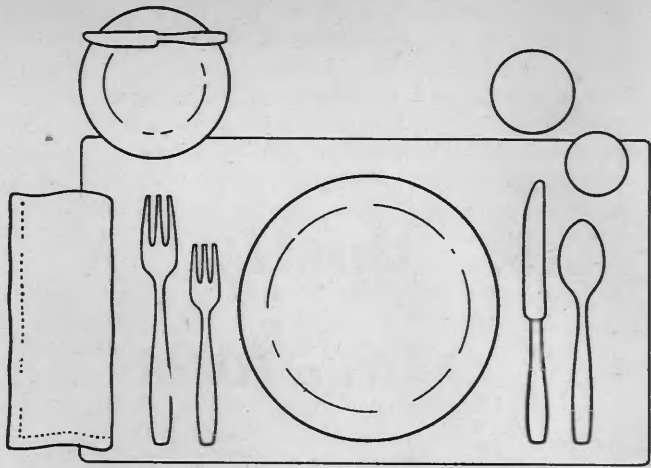
The delightful dahlia. A fresh-as-picked favorite. Complete a Magic Bow. Then press together the end of each loop and trim as indicated. The delightful dahlia is a centerpiece charmer—any-season idea. On dinner table, arrange dahlia bows around low candle holders, or tape directly to candelabra.



The mammoth mum is fall's favorite bloom. Start with the pre-fab Magic Bow. Next make two or three parallel cuts into each end of pre-fab as shown. Pull out loops as in Magic Bow. Lovely in golds and copper. For a football corsage make the mum bow and add ribbon pennant shapes in school colors. Letters can be cut from ribbon, too.



The pretty peony is created by making an off center cut in the pre-fab Magic Bow. Pull out shorter loops first, left to right. Pull out longer loops and arrange around center loops. Then press together the end of each loop and trim in a rounded shape. For a bridal shower showpiece tape ribbon streamers to ribs of pastel-colored umbrella. Add peony bows at edge.



Proper placement of tableware, glassware and silver for a seated meal. Silver is always placed in order of use, working in toward the plate, knife blade facing plate itself. Water goblets are placed above



the tip of knife, and if other beverage is served in a glass, it is placed to the right of water. Use your own imagination in placement of napkins but you'll never go wrong placing them at left of forks.

## Things To Remember When Setting the Table

*Coordinate the table setting with the menu. Select dinnerware, tableware, glassware and linens which complement each other. Make certain that all table setting appointments are sparkling clean.*

*Plan the centerpiece to emphasize the occasion but not dominate the table. Be sure that its size is proportioned to the size of the table, and that it is low enough for guests to be able to see each other above it.*

*Use candles that are tall enough for their flames to be above eye level.*

*Always arrange a table setting so that it is neat and uncluttered in appearance.*

This buffet table shows logical sequence for guest movement from left of table to right. Plates, napkins and silver are picked up first, then foods, beginning with main course or meat dish. There are many

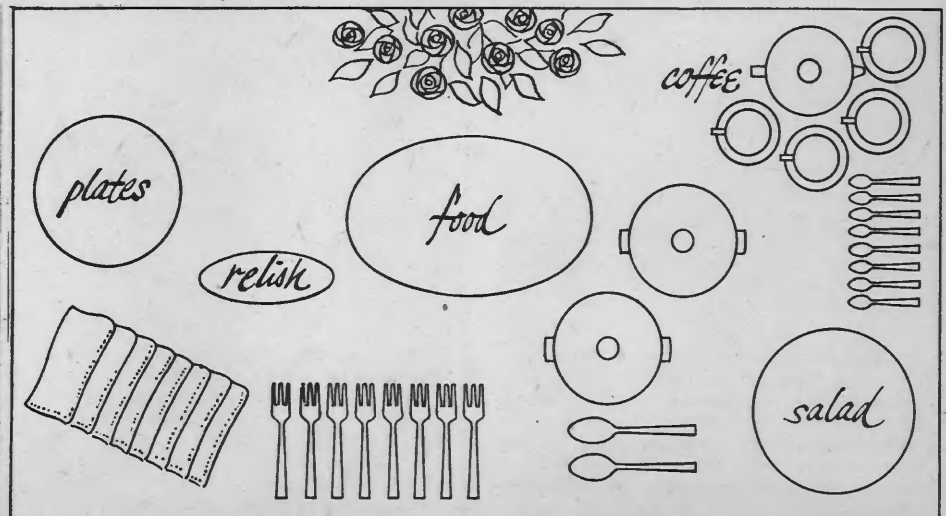
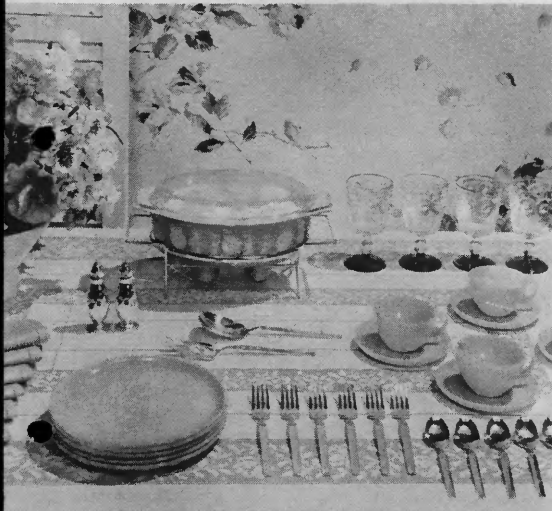
*Set a buffet table with traffic control in mind. Place plates handy to main course dishes, cups next to coffee service, glasses near the water pitcher, tableware conveniently near table edge.*

*For a sit-down meal allow at least 20 inches to a guest.*

*Place knives and spoons to right; forks to left; water glasses at tip of knife, bread-and-butter plate at tip of fork, with butter spreader parallel to table edge. Place cup and saucer at right with handle parallel to table edge, teaspoon on saucer parallel to cup handle. Lay napkin at left of forks or on place plate.*

*Keep all appointments neatly parallel to table edge. Arrange silver in order of use.*

acceptable variations of buffet serving, as long as comfort and convenience of guests is kept in mind. Of course, it goes without saying, you can serve a large group easiest buffet style.





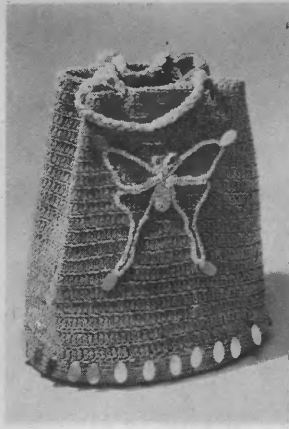
*Mostly  
fashions  
to  
perk  
up  
the  
wardrobe*



1. Baby set crocheted peaked riding hood with slipper-stitched neckband, cape collar, mittens and booties to match.



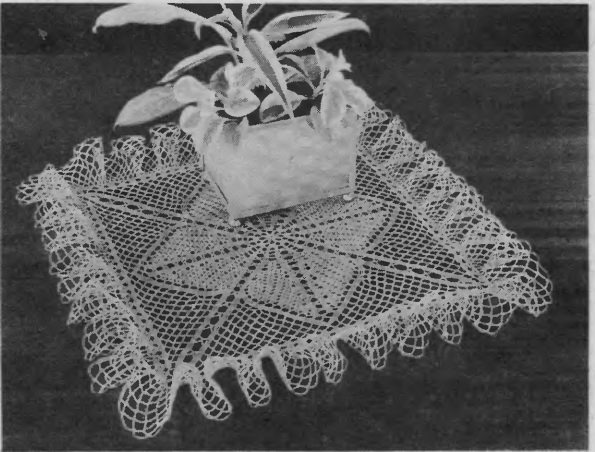
2. Cozy convertible, it's a scarf, it's a hood by way of clever back snaps. Crochet in red, white, black.



3. Tote bag—stay ahead of weather, crochet for summer but have it ready before. Try it in aqua with yellow trim.



4. A filet chair set in a pretty floral pattern. Just simple stitches are required to fashion these elegant pieces.

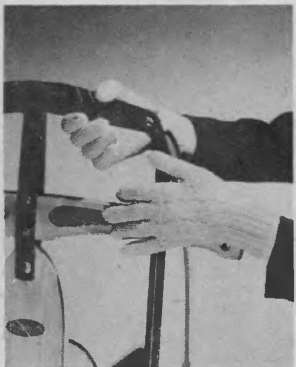


5. This doily pattern is called Lucky Clover and lucky is the homemaker who receives it. There are so many spots in any home where it could be shown off to real advantage. Before the ruffle is added, this doily measures 14½ inches square.

6. Raglan jacket he'll be proud of with zipper closing done in simple pattern stitch, slash pockets, ribbed collar and cuffs. Comes in men's sizes too, make one for Dad. This one is done in periwinkle blue.



6. Raglan Jacket



7. Gloves

7. He'll have style in these handsome cable-trimmed gloves. Three rows of cables decorate back of hand and move up into deeply ribbed wristband. They come in boy's sizes 4-14 and are simple, fast to make.

8. This patterned cardigan is equally wonderful in combinations of Oxford and Pearl or Beige and Chocolate. Sizes come 38 through 48. He'll show it off proudly as the gift you cared enough to make.



8. Cardigan



9. Fair Isle Sweater

9. Guaranteed to stop traffic is the beautiful Fair Isle sweater with star-studded yolk and set-in sleeves. Striking when done in black with white and red accents. Softly rolled turtle neck for extra warmth.

ILLINOIS RURAL ELECTRIC NEWS

Judy Parker  
Box 1180  
Springfield, Illinois

Please send me without charge the pattern leaflets which I have checked below. I am enclosing a STAMPED, SELF-ADDRESSED envelope for every THREE patterns requested. (If possible, the envelope which MUST accompany all pattern orders, should be of the larger size):

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- 3.....Tote Bag
- 4.....Chair Set
- 5.....Dolly
- 6.....Raglan Jacket
- 7.....Gloves
- 8.....Cardigan
- 9.....Fair Isle Sweater

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Address .....

Comment (if any) .....

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Red Bush Honeysuckle, 1 to 2 ft.....	.30 ea.
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Persian Lilac, Purple Flowers, 1 to 2 ft.....	.20 ea.
Hydrangea P.G., 1 to 2 ft.....	.15 ea.
Mock Orange, 1 to 2 ft.....	.12 ea.
Sweet Shrub, 1 to 2 ft.....	.15 ea.
Rose Sharon, Mixed Colors, 1 to 2 ft.....	.10 ea.
Althea Double Red, 1 to 2 ft.....	.15 ea.
Jap. Snowball, 1 to 2 ft.....	.59 ea.
Mallow Marvel, Mixed Colors.....	.15 ea.
Red Oler Dogwood, 1 to 2 ft.....	.10 ea.
Old Fashion Lilac, 1 to 2 ft.....	.59 ea.
Althea Double Purple, 1 to 2 ft.....	.15 ea.
Red Leaf Barberry, 1 ft.....	.35 ea.
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Vitex Purple, 1 to 2 ft.....	.19 ea.
Russian Olive, 1 to 2 ft.....	.19 ea.
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Pink Azalea, Native Collected, 1 to 2 ft.....	.39 ea.
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Althea, Pink, 1 to 2 ft.....	.19 ea.
Deutzia, White, 1 to 2 ft.....	.12 ea.

### EVERGREENS

Glossy Abelia, ½ to 1 ft.....	.25 ea.
Short Leaf Pine, Native Collected, 1 to 2 ft.....	.19 ea.
American Holly, ½ to 1 ft.....	.29 ea.
Cherry Laurel, ½ to 1 ft.....	.29 ea.
Mountain Laurel, Native Collected, 1 ft.....	.29 ea.

### FLOWERING TREES

Dwarf Red Buckeye, ½ to 1 ft.....	.69 ea.
Magnolia Grandiflora, 1 to 2 ft.....	.69 ea.
Magnolia Grandiflora, 3 to 4 ft.....	1.49 ea.
Mimosa, Pink, 2 to 3 ft.....	.15 ea.
Mimosa, Pink, 3½ to 5 ft.....	.25 ea.
Tree of Heaven, Ailanthus, 2 to 3 ft.....	.59 ea.
American Red Bud, 2 to 3 ft.....	.25 ea.
Chinese Red Bud, 1 to 2 ft.....	.49 ea.
Golden Chain Tree, 1 to 2 ft.....	.98 ea.
White Dogwood, 2 to 3 ft.....	.19 ea.
White Dogwood, 3 to 5 ft.....	.39 ea.
Pink Flowering Dogwood, 2 ft.....	1.20 ea.
Pink Flowering Dogwood, 3 to 5 ft.....	2.95 ea.
Golden Rain Tree, 1 to 2 ft.....	.49 ea.
Purple Leaf Plum, 2 to 3 ft.....	.49 ea.
Red Flowering Peach, 2 to 3 ft.....	.45 ea.
Red Flowering Crab, 2 to 3 ft.....	.69 ea.
Tulip Poplar, Native Collected, 2 to 3 ft.....	.49 ea.
Norway Maple, 2 to 3 ft.....	1.49 ea.
Pin Oak, 2 to 3 ft.....	.98 ea.
Sycamore, 2 to 3 ft.....	.98 ea.

### SHADE TREES

Catalpa Fish Bait Tree, 2 to 3 ft.....	.19 ea.
Chinese Elm, 2 to 3 ft.....	.19 ea.
Weeping Willow, 2 to 3 ft.....	.19 ea.
Silver Maple, 2 to 3 ft.....	.15 ea.
Ginkgo Tree, 1 to 2 ft.....	.49 ea.
Lombardy Poplar, 2 to 3 ft.....	.12 ea.
Lombardy Poplar, 3½ to 5 ft.....	.20 ea.

### FRUIT TREES

Elberta Peach, 2 to 3 ft.....	.39 ea.
Belle Gae Peach, 2 to 3 ft.....	.39 ea.
J. H. Hale Peach, 2 to 3 ft.....	.39 ea.
Yellow Delicious Apple, 2½ to 3 ft.....	.49 ea.
Red Delicious Apple, 2½ to 3 ft.....	.49 ea.
Stayman Winesap Apple, 2½ to 3 ft.....	.49 ea.
Montmorency Cherry, 2½ to 3 ft.....	.38 ea.
Keiffer Pear, 2 to 3 ft.....	.98 ea.
Burbank Plum, 2 to 3 ft.....	.49 ea.
Red June Plum, 2 to 3 ft.....	.49 ea.
Damson Plum, 2 to 3 ft.....	.49 ea.
Bruce Plum, 2 to 3 ft.....	.49 ea.
Apriort Tree, 2 to 3 ft.....	.49 ea.

### VINES

Bitter Sweet.....	.15 ea.
Red Scarlet Honeysuckle.....	.25 ea.
Concord Grape Vine.....	.29 ea.
Wisteria Purple.....	.29 ea.

### NUT TREES

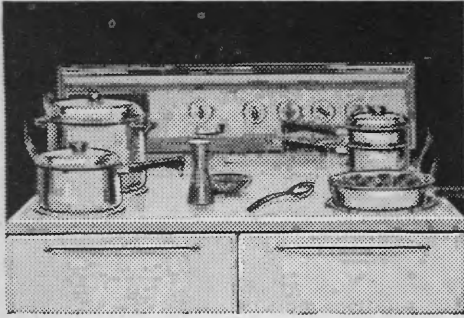
Hardy Pecan Seedlings, 2 to 3 ft.....	1.69 ea.
Butter Nut, 1 to 2 ft.....	.39 ea.
Black Walnut, 1 to 2 ft.....	.39 ea.
Chinese Chestnut, 1 to 2 ft.....	.89 ea.

### HEDGE PLANTS

Evergreen South Privet, 1 to 2 ft.....	.02 ea.
California Privet, 1 to 2 ft.....	.06 ea.
North Privet, 1 to 2 ft.....	.07 ea.
Multiflora Rose, 1 to 2 ft.....	.10 ea.
Satisfaction guaranteed on arrival or we will either replace or refund your money. You may order as many plants or as few as you wish. Orders under \$3.00 send 30 cents extra for postage and packing. Orders over \$3.00 Postpaid. NOTICE: FREE—orders in the amount of \$3.00 you get 2 flowering shrubs free our choice, orders \$5.00 or more you get 4 flowering shrubs free our choice. Rush your order today. Say when you want shipment.	

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