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Illinois

# Rural Electric News



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## Our Cover

The facial expressions of these eager, little youngsters show they are much more interested in the traditional Thanksgiving turkey than in the real meaning behind the feast day. It remains for the adults to remind the small fry that the day is also one on which all Americans celebrate by thanking God that they have had the good fortune to live in the greatest country in the world.

Photo by A. Devaney

# Excellent Alternative

The REA program represents one of the most successful examples of cooperation between government and citizens for the benefit of the nation, that can be found anywhere.

The "REA pattern" of a government helping its people to help themselves, would seem to provide a sensible, economically sound method of solving difficult national problems in many other fields besides rural electrification.

## REA pattern is worth copying

In this day and age, when the mere mention of Federal assistance is considered by many as akin to subversion, it is hard to understand why "the cooperative way" of meeting problems of national concern, has not been given wider endorsement.

The 25 years of the rural electrification prove beyond a doubt how a government can assist its citizens without infringing on their liberty and without cost to the taxpayers.

Because private power companies refused to electrify rural America, and because this job had to be done, there were three ways of doing it. One was for the government to build and operate a nationwide electric system; a second way was for the government to make outright gifts of the billions of dollars to the private power companies or to other groups to do the job; the third alternative, and the one selected, was to loan money at interest to groups of farmers and rural people organized as non-profit cooperatives.

It certainly is well within the province of the Federal government to extend credit to its citizens and thereby encourage and aid them in providing themselves with a service as essential as electricity.

Non-profit electric cooperatives are not only rendering a needed service, but they are demonstrating that their government's faith in them as credit risks, was well placed.

As of a year ago, only one REA borrower of the nearly 1,000 throughout the country, was delinquent in its repayments to the government and this in an amount of \$97,000. When you consider that REA had loaned a total of more than \$4-billion as of last December, you can understand that the repayment record of rural electric cooperatives is simply amazing. Few if any financial institution can claim that their borrowers have as good a record.

Moreover, the co-ops had repaid \$154-million ahead of schedule, in addition to \$823-million on principal and \$397-million in interest. Here in Illinois, not one of the 27 borrowers at the time was behind in its loan repayments. In fact, they were nearly \$7-million ahead of themselves in discharging their debt to the government.

Public misconceptions notwithstanding, the non-profit cooperatives which have brought electricity to rural America, operate not as government dominated units, but as entirely independent, local companies owned and controlled by the members who receive the service. The members elect a board of directors which, in turn, controls and supervises the management.

The "REA pattern" gives people a voice in the economy and by so doing could well be the way to avoiding the extremes of either statism or private monopoly.

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# Young Dane's lifelong dream comes true

**Gert Pedersen, 17, of Copenhagen  
Denmark, gets his chance to visit  
America thanks to the students of the  
Nashville Community High School**

Unknown to most Americans, there are some 1,800 foreign students attending schools in communities all over the country. They are here upon invitation under the student exchange program conducted by the American Field Service, a private, non-profit, educational organization whose purpose is the furthering of understanding and good-will among the peoples of the world.

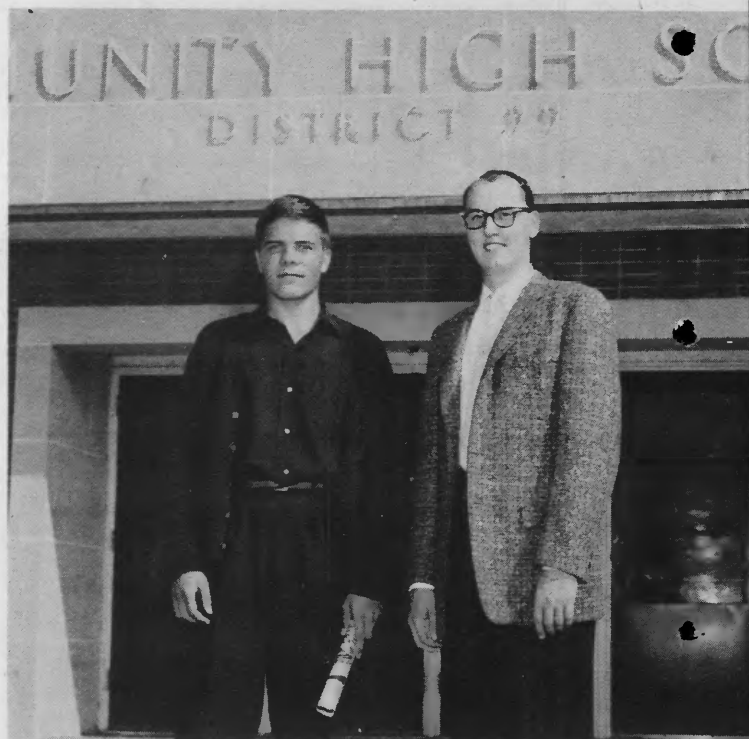
Gert Pedersen, 17, of Copenhagen, Denmark, is one of these students from abroad. He arrived in August and started classes at Nashville Community High School as a senior, in September.

The American Field Service was founded in 1915 as a volunteer ambulance corps and served with the allied forces in both World War I and World War II. The AFS peacetime program of international exchange on the teen-age level was founded in 1947. Students around the world can apply for this exchange program. However, they must meet certain qualifications—for example, they must be able to speak the language of the country, and they must have a sponsor.

Pedersen's sojourn in this country is the culmination of a year-long effort on the part of the student council of Nashville High School to raise the necessary funds to pay the Danish boy's passage and expenses. According to Arthur Schmittler, school band director and student council adviser, "Our biggest problem in getting Gert over here was in getting organized."

What Schmittler means is this: Contact had to be made with the AFS for details of the program. Then the students had to organize a chapter of AFS, which also included townspeople. "The school and our curriculum had to be approved. Then finally we had to get a home for the student."

The actual expenses of such a venture came last. The council raised \$650 through sales of popcorn



Gert Pedersen, (left) and teacher Arthur Schmittler, stand in front of the main entrance of Nashville High School at which Gert is a student.

and refreshments at school sporting events and assemblies. In addition each class made a contribution. The 1960 graduating class donated the entire fund it had saved for its class trip to the project. In addition the council has agreed to purchase Gert's class ring, and the school has accepted responsibility for all of Gert's meals and other school expenses.

The B. K. Collmeyer family, who live in the small rural community of Hoyleton, became Gert's hosts during his year visit to this country. The Collmeyers are members of the Tri-County Electric Cooperative of Mt. Vernon. Michael Collmeyer, who is a junior at Nashville High is looking out for his Danish guest.

The young Dane, who is the second oldest child in a family of five children, says that he has always wanted to see America. He feels the experience will help him learn "to stand on his own two feet." So far, he says he has found the American people he has encountered to be "very kind and generous."

Though he reads and speaks English fluently, Gert admits that he does not understand the slang very well, and particularly the distorted parlance of the teen-age world. He says, "It is not the English which I was taught." He hopes he will catch on to the idiomatic speech so that he can converse more easily with his fellow students.

Because Gert is skipping a whole year by American educational standards, he is still a bit apprehensive over whether he will be able to do the school work well. However, teacher Schmittler says, "Gert is head and shoulders above the average high school student. He will do very well over here." Besides he has had over 10 years of schooling already, and of a type which more than qualifies him for senior standing in any American high school.

Danish children start school when they are seven. They take six, one-hour classes a day, six days a week.



Gert's interests include music. He is learning to play the Sousaphone.



The young Dane takes part in a student council meeting. This group helped to finance Gert's visit to U.S.A.



The Danish youth sprained an ankle while learning to play football. Coach Day bandages.

Summer vacations are only two months. The Danes take five years of elementary schooling, then go on for four more years of advanced schooling. If they expect to go on to a university, they attend three years at a "Gymnasium", which may be compared to our college-prep schools.

If they don't plan on higher education, the young Danes can finish their formal education with a year at "Real" school, where they must take eight subjects, including English, German, Danish, Mathematics, History, Geography, Biology and Physics. Gert has spent one year at the "Gymnasium", and also one year at the "Real" school. Upon return to his homeland, he plans on completing his schooling at the "Gymnasium."

He plans to be either a teacher, like his father, or perhaps a forester. He's always been interested in conservation. Over 10 per cent of his country is forested. But, for the time being, Gert's main interests are doing well at the high school, learning all he can about American life, and of being a credit to his country. After finishing this school year, Gert along with groups of other foreign exchange students will go on a tour of the entire country for three weeks before returning to his native land.

Young Pedersen is five feet, 10 inches tall, and he weighs 165 pounds. His hobbies are sports and music, especially football and track. However, much to the distress of the Nashville High football coach, football as played in Denmark resembles more what Americans know as soccer, than our rough and tumble personal contact sport.

"When Gert told me he had played football and that he was also a 100-meter dash man in track, I thought I had found a fast halfback," Coach Wilson Day says. "Then I discovered that his football was different from ours." Still, Coach Day feels that the Dane can develop into a good American football player, too.

"He still has speed. He is learning the fundamentals, like blocking and tackling. He is a good pupil. He hasn't missed a practice. Before the season is over, I'm sure I will use Gert as an offensive halfback in some of our varsity games."

According to Schmittler, "Gert is a perfectionist.

He is probably overcautious. He would rather follow than lead. He is a good listener and is very receptive to anything that you tell him. He has a good sense of humor, and he is easy to understand. His only problem so far is of our making. Gert says we talk too fast for him."

"Gert is prohibited by the AFS from making comparisons between his country and ours until he has been in this country for at least six months. That's to give him more time to round out his impressions," Schmittler explains. However, from experiences, Schmittler has noted this: "I took him to a baseball game and he witnessed an argument between the managers and umpires. He was impressed. In his country no one argues with the referees who are the final authorities."

High School Principal Robert Ullom says that the school's records show that Gert is a very fine student. "He is fitting in well, though he is probably a little more serious than most of our students."

Mrs. Collmeyer, Gert's foster mother for the year, describes the young Dane as, "A very likeable lad. He's been a good influence on our youngest son. He studies a lot and our boy does the same now. Gert likes our food, though I think he is more of a meat and potatoes eater than anything else. He doesn't eat many vegetables. He loves ice cream but leaves other sweets alone."

And what does Gert say about his new experience? "I've been very impressed with this country. I had never known that there were so many cars, and so big, too. Over in our country most of the people ride bicycles. If they do have a car, it is usually small and seats only four persons."

Gert is also impressed with our food, especially cheeseburgers. "I had never tasted one until I came over here. They are delicious," he says. Gert does, however, miss some of his native food, especially brown bread. "We eat it at every meal. It is made out of rye and is almost black. It is good."

Gert continues: "Denmark is only a little country, a point on the map. To see the differences between Denmark and the United States is an unforgettable experience. The experiences I get over here, I believe, will be of great value to me in my future work as a teacher."



Don Hollaway (right) and son, Robert milk 65 cows now with less work than when they milked 33 cows, thanks to modern, herringbone parlor.

**R**obust Don Hollaway and his 27-year-old red-headed son, Robert, partners in dairying, milk 65 cows now with less work than when they milked 33 cows. How? By using a herringbone pipeline milking system, neatly housed in a 20 by 38-foot white building, designated by a large sign as a "Lactorium." The Hollaways' 400-acre farm is near Sparta.

On an average day one of the Hollaways does all of the milking and related dairy chores with a minimum amount of work. From a small, 10 by six-foot pit in the milk parlor, he can open the doors, let the cows in, feed them, clean them, milk them, and let them out, without moving more than six feet in any direction.

Says cigar-smoking Don: "This system has put me out of work. My son can do all the milking. I used to help when we milked in the old barn. It took the two of us nearly a whole day to do what one of us does in this setup in half the time. Besides that, we have doubled our herd and plan on tripling it. In my opinion this system is a must for dairying.

"I used to think an \$800 monthly milk check was enough to live on. But that's not true today. There are two families on this farm and we need much more income. That's one reason why we decided to modernize our setup. Another was, we wanted to reduce our labor."

In addition to the one-man operation aspect, the new dairying system lessens the feeding chore. The Hollaways used to feed silage and supplement to the cows while the animals were penned in the old 16-stanchion barn. This meant that Don or his son had to climb the silo, throw down the silage, and then haul it to the cows. Supplement was mixed by hand.

"We must have walked four miles a day feeding

# Twice the with half

the cows," the elder Hollaway says. "At least it seemed that far. I figure we carried around a ton of feed a day too. That's a lot of work for two men."

Now silage is stored in a 400-ton trench silo. It is scooped out, loaded on a self-unloading wagon, and emptied into a 200-foot long feed bunker. The Hollaways figure they can feed 100 head of cows in less than an hour's time. "We used to spend twice that long with the old method."

Supplement, conveniently stored in a five-ton bin outside of the milking parlor, is pulled into the parlor by an electric auger and deposited into feed bins above each one of the eight stalls. As the cows enter the milking area Hollaway meters each cow's feed by pulling a cord which releases feed from the overhead bins into troughs.

Both Don and son, Bob, are convinced that the herringbone parlor is the best for handling cows quickly and easily. They point out that putting the cows snugly together at an angle keeps the dairyman within three feet of the cows' udders at all time. "You don't do much walking with this setup." Besides, the cows seem to like this way better. Their close bodily contact with each other stimulates a fast letdown of milk and they milk out faster.

Standing in the 10 by six-foot pit area, which divides the milk parlor into two sections of four stalls each, either Don, or son, Bob, milks the 65 cows in less than two hours. Then they clean up the building and its pipeline milker in another 30 minutes. It used to take one and a half hours to do the cleaning with the old system.

"This method is so easy that it's a joy to do the milking now, instead of a burden," points out the elder Hollaway. "All we have to do to clean the pipeline is to turn a control and the automatic vacuum washer does the rest."

It washes the milk from the line with tepid water and then drains the tank. Next, it makes a long wash with hot water and a detergent. Finally, the automatic washer rinses the milk line. "This washer is not an electrical gadget," Hollaway explains. "There's nothing to get out of order or adjustment."

The washer runs on a vacuum, the same vacuum which runs the milkers and also opens and closes the parlor's doors.

Hollaway's decision to change his dairying is typical of how the southern Illinois dairyman operates. Back, before he became a dairyman, Hollaway had a grocery store in Granite City. But, in 1944, he decided to quit the business, and to buy a farm. He bought a 164-acre eroded and rundown farm and turned it into a successful dairy enterprise in six years.

He started his herd with one Jersey cow which

# production the labor

came with the farm. He increased this herd up to 40 head before he sold the Jerseys and switched to Holsteins for more volume milk production. In 1950, son, Bob, was named the Illinois Star Farmer by the FFA. Later, he attended the University of Illinois, where he majored in dairy management. After a period of service with the Army, Bob returned to farming with his father in 1958.

It was then that Hollaway made plans to change his milking. "I realized that we had too much labor and not enough income." For some time Hollaway visited dairies in Northern Illinois, Wisconsin and Indiana, before settling on the Chore Boy method, which he saw in operation in Indiana.

With this arrangement the Hollaways can milk 30 or 100 cows, it doesn't matter. The investment is the same, the equipment is the same. It just takes a little longer, that's all, Hollaway says. He invested \$7,400 in the building and equipment, which comes prefab from the factory and is installed on the farm. Hollaway has \$3,000 more invested in his 400-gallon bulk tank.

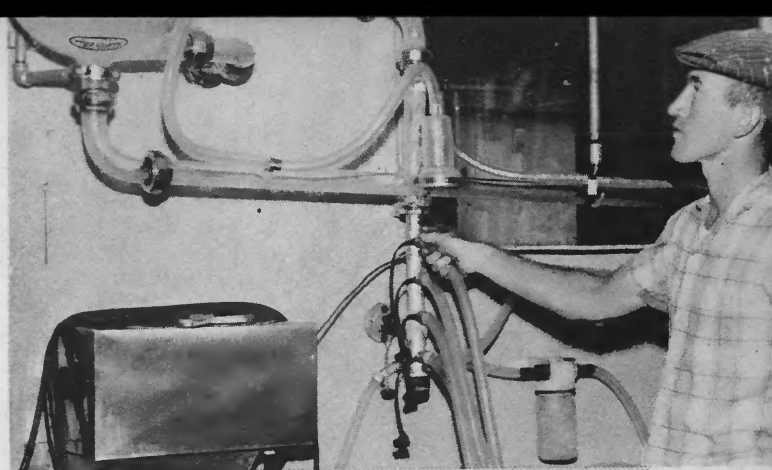
However, by doubling the number of milk cows, Holloway figures he can retire half of his investment the first year. This dairy should pay for itself in two years, he says, and the building will still be here for 25 to 30 years from now. Hollaway's herd is averaging 11,000 pounds of milk per year now. He's aiming for a 14,000 pound average.

The unusual construction of the parlor and milk house combination, called Lactorium, is pleasing to the Hollaways. Unlike other parlors, made of cement blocks which are usually damp and cold and difficult to keep clean, the Lactorium is made of masonite panels, insulated with four inches in side walls and ceiling. It is strong, compact and durable. The inside walls are painted which makes cleaning easy.

Two electric fans provide the ventilation which removes the excessive moisture. Heat from the motor of the large milk cooler is sufficient to warm the milk room during the winter. In summer, it is vented outside. Heating cable, embedded in the concrete floor of the milk pit, warms that area, as well as the milker.

"We intend later to install an air conditioner in the pit to cool us during the summer. And, we plan on putting a television set in too. We will have all the comforts of home here," Hollaway says. And, since the building is close to the farm house, on high ground, Hollaway expects to work in it all winter without wearing boots.

The Hollaways are members of Egyptian Electric Cooperative, Steeleville.



Robert turns a control and the entire washing operation of milkers and pipeline is handled automatically without any more attention.



Guesswork is eliminated with this metering device which accurately weighs the milk production of each cow automatically.



The Hollaways expect to warm the milk room of the new dairy building in winter with heat generated from the compressor of the bulk tank.



A simple tug on these cords releases a flow of ground feed into the hoppers in front of the cows in each stall in the ultra-modern milk parlor.



Mrs. Gaillard Parker collects cups of all shapes and sizes. The Edgar Electric Co-op member is pictured with her largest and smallest cups.

Mrs. William Spencer makes plaster of paris-planters, cookie jars and lamps out of discarded coffee cans. Clay Electric serves her farm home.



## Hobbies Are Stimulating

These two farm women find an outside interest is the antidote for becoming bored with routine housework

■ A spare time interest is good for the mind as well as the body. Most women need hobbies to keep them active and to keep them from getting down-in-the-dumps."

At least that's the belief of these two farm women: Mrs. William Spencer, of near Clay City, Clay County, and Mrs. Gaillard Parker, of near Hindsboro, Douglas County. Each has an interesting hobby. Mrs. Spencer makes attractive planters, cookie jars and lamps out of discarded coffee cans and plaster-of-paris. Mrs. Parker collects cups of all shapes and sizes.

Mrs. Spencer, president of the county home bureau unit, is very active in project work. She says, "It takes my mind off of other things. It's a good form of relaxation after I have finished cleaning the house."

The rural homemaker has had many hobbies since becoming a member of the home bureau. For example, she has made gloves, done some textile painting, and fashioned lamp shades before she

undertook her latest, and probably most fascinating work.

Starting with an old coffee can, Mrs. Spencer proceeds to turn the apparently useless item into an attractive planter, cookie jar, or lamp base, all of which resemble cut logs when finished.

Around the can Mrs. Spencer places hardware cloth. She then takes the mixture of plaster and molds it over the cloth, spreading it much like one does cake icing. She works fast in putting on a half-inch layer of the plaster.

Left to harden, the molded plaster is then covered with a thin finishing coat. Before this last application dries, Mrs. Spencer scores it with a fork which provides a log effect. Dark varnish, or liquid brown shoe polish is applied to give the object the log coloring.

Mrs. Spencer says: "I can make one of these log items in an hour if I really try. These planters make wonderful gifts. And, I have had the satisfaction of creating them myself." Mrs. Spencer's husband

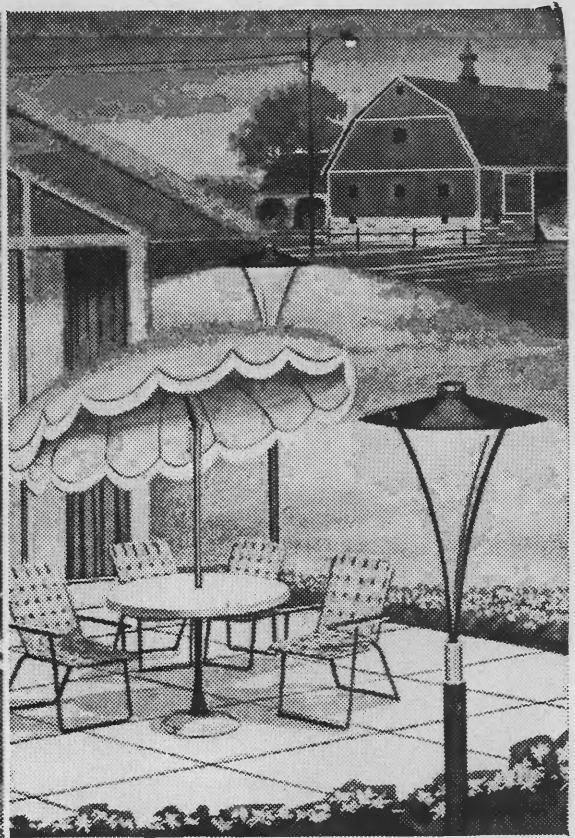
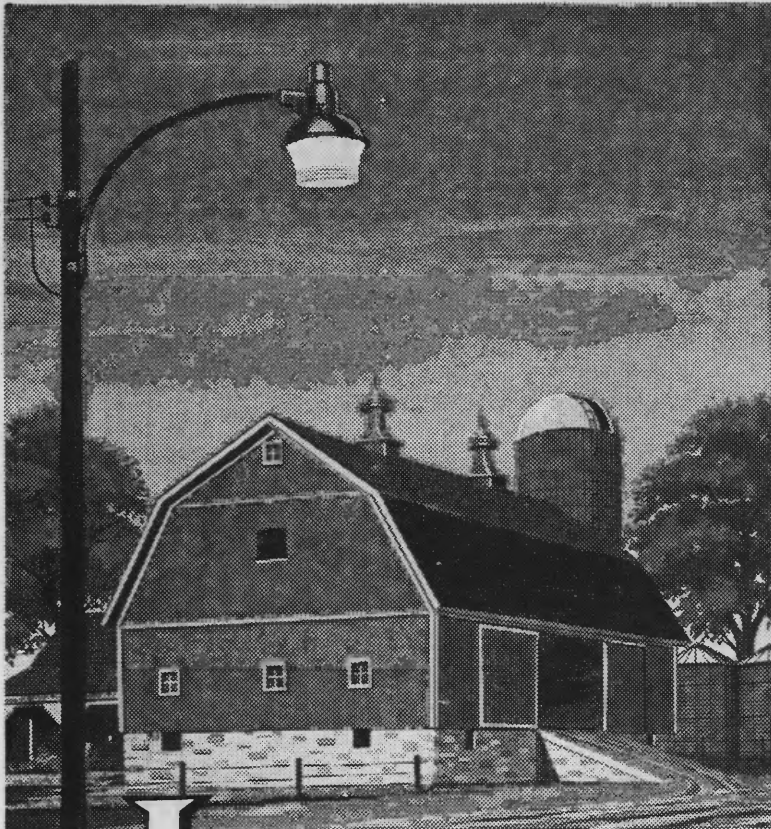
farms 300 acres. They are members of Clay Electric Co-op, Florida.

Mrs. Parker's hobby, collecting cups, though not as creative as Mrs. Spencer's, does, however, provide the rural homemaker with an outside interest. Since Mrs. Parker started collecting the cups 20 years ago, she says, "I have come across cups of all sizes and shapes and descriptions. I found out that a cup, like anything else, can be made different and attractive."

In her collection Mrs. Parker has cups ranging in size from 3/8ths inch in diameter up to four inches. She also has several mustache cups, cups with legs, friendship cups and a cup that is over 100 years old.

Some of these pottery items are hand painted and hand molded by craftsmen of a bygone era. Mrs. Parker displays her unusual collection on the mantel of the fireplace in her modern rural farm home. Her husband farms 200 acres. They are members of Edgar Electric Co-op of Paris.





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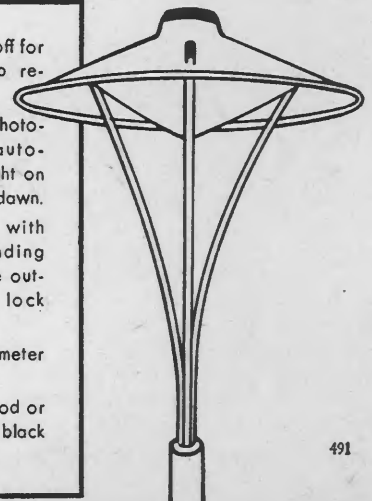
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# Soil Conservation Pays



JOHN D. BAYLOR RECLAIMED SOME BOTTOM LAND BY WIDENING AND STRAIGHTENING OUT A CREEK BED.

■ GI John D. Baylor looked about him as he fought with the U.S. Army across Europe during World War II. He noticed that the soil was rich and fertile and that it had not eroded even though the land had been farmed for centuries. There had to be a reason, concluded Baylor, a farmer in civilian life.

What was the secret? "Soil conservation. It was as simple as that," the ex-soldier explains. "I found out that the Europeans protected their soil. They cultivated it as much, if not more, than their crops. They realized that once it washed away, it couldn't be replaced.

"We, here in America, have always thought that our top soil was unlimited. Most of our fields were virgin land only a 100 years ago. We sapped the land without building it up. Soil conservation is one way of insuring ourselves of good farm land, today and tomorrow."

Baylor practices what he preaches too. Returning from the war, he purchased a badly depleted, 96-acre farm, south of Fairfield, Wayne County. Gullies criss-crossed the fields. Brush had taken over some of the land. The topsoil lay in the ditches, carried there by heavy rains.

Crop production was low. A 10-acre field, north of the two-story farm house, yielded only 12 bushels of wheat to the acre. Corn yields weren't much higher—around 35 bushels to the acre. Water stood in the good bottom land, flooding out crops.

As a first step in rebuilding the farm, Baylor terraced the 10-acre field to rid it of gullies. He added a grass waterway to take care of the runoff. He supplied the needed fertilizers, and seeded the field in clover. By 1950 the improved field yielded 50 bushels of wheat an acre, a 38-bushel increase.

"Soil conservation pays," John D. Baylor says. "I know." Next, Baylor tackled the hilly land on his farm. It was badly eroded by the constant planting of soybeans and cow peas, both of which had helped erosion. Baylor terraced the hillsides, planted pasture crops, and later, seeded it in wheat. "Wheat makes a good cover crop," he explains. "It holds the topsoil."

Baylor later purchased another 80 acres of bottom

land and proceeded to install a drainage system on it. He cut open ditches through the acreage, allowing the water to run off into a creek. He reclaimed some land by straightening the creek bed. Today the bottom land produces a good corn crop, averaging better than 70 bushels an acre.

During the past 10 years, Baylor completely renovated 60 acres of pasture to help with his livestock program. In addition he built a concrete erosion control dam to stop a gully that was working back off of a ditch.

Last year, he completed construction of a one-acre pond, which he figures will be sufficient to handle all of his livestock water needs. Baylor, a sportsman as well as farmer, says the pond will be stocked with bass for fishing. "Soil conservation can be fun, too," he quips.

With an eye to good hunting, Baylor planted multi-flora rose around his creek, and seeded *Sericea Lespedeza* along the ditch banks and the pond. Both perennials provide good cover for wild birds and game.

*Sericea*, in particular, is unusual in that it not only provides good soil erosion control but is also fine for wildlife cover and bird food. The seed of the plant continues to hang on the stalks late in the season. Birds can find and eat it despite high snows.

According to Baylor, hunting has improved on his farm. There are plenty of quail and rabbits. Also, Baylor's interest in soil conservation is not confined to his own farm. He's a member of the Wayne County Soil District board of directors. He's always encouraging other farmers to practice soil conservation.

As he puts it: "Soil conservation doesn't cost, it pays. And, it isn't as expensive as some farmers may think. After all it doesn't cost much to change farming habits and crop rotations. And, that's a part of the program, too."

Baylor points out that farmers can get help from government soil conservation people if they are interested in preserving the rich top soil. Baylor is a member of Wayne-White Counties Electric Co-op.

## Administration policies scored by NRECA head

"Most of our progress (in rural electrification) has been made despite the Administration, not because of its policies," declared Clyde T. Ellis, general manager of the National Rural Electric Cooperative Association, to the more than 550 delegates to the Region V meeting, held October 27 and 28 in Springfield. Region V is made up of 113 rural electric co-ops in the states of Wisconsin, Iowa and Illinois.

In his talk, Ellis said that "the willingness of the Administration in Washington to be used by the giant investor-owned power monopoly to weaken or destroy the rural electrification program has helped to create a climate of opinion in which the power companies could more easily increase their wholesale rates to us, add restrictions in our use of the power they sell us, and more easily pirate away from us our larger users. This trend is alarming."

Ellis called upon the co-op leaders to "not forget that our territory is not secure—with the power companies 'claim jumping' our better users in many areas. Let us not forget that the Administration has hurt us badly in the climate of public opinion with its attacks upon the interest rate provisions of the REA law."

The NRECA head termed the Administration's "No new starts" policy in regard to multipurpose dams and other resource developments as another example of how the Administration has hindered rural electrification. Ellis also noted that the Administration asked Congress to pass legislation to send co-ops to Wall Street—to the open market—for loan funds.

"The Administration's record is such that another eight years of it would be the biggest blow yet to American agriculture and to the towns and cities in the rural areas," Ellis commented.

David Hamil, Rural Electrification Administrator, also spoke to the delegates. He pointed out that "no one person, no one party, no one Administration can take credit for the achievements of rural electrification." The REA head made mention of the fact that the REA Act had bi-partisan support, that both parties have voted appropriations for it, and that REA-financed cooperatives have been organized by rural people of both parties.

Hamil said that more generation and transmission loans have been made in the last 7½ years during President Eisenhower's term than were signed in the preceding 17½ years of REA. "Since January 1953 the agency has approved [Continued on Page 17]

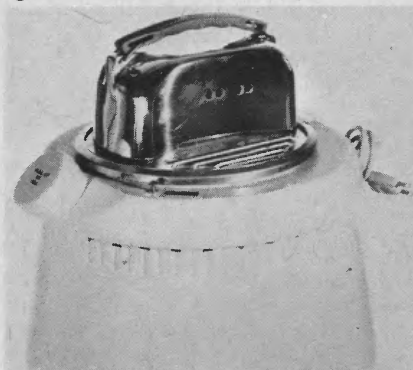
# What's New?

## ● CEILING HEATER



Here's an electric heating panel, which mounts directly to the surface of the ceiling, and can be used as supplementary heat for bedrooms, kitchens, bathrooms, dens, etc. It can be connected to the existing light fixture outlet and used either with a thermostat or with an ordinary wall switch. A single heater will take care of rooms up to 175 square feet in area. It has a 500-watt capacity and may be obtained in either 120 or 240-volt ratings. Approved by UL, the heater lists at \$54.95. It is made by Sun-Tron Corp., 7433 W. Wilson Ave., Chicago 31, Illinois.

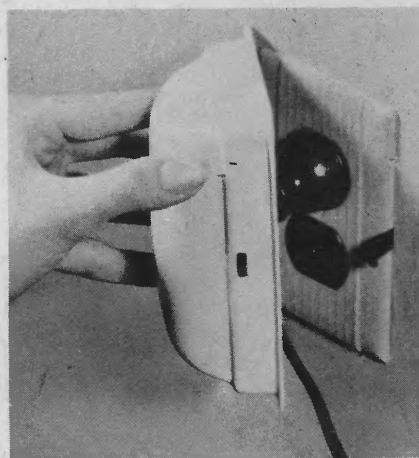
## ● PORTABLE HUMIDIFIER



This room humidifier is lightweight, is automatic, is easy to fill, and is guaranteed for one year against defective materials and workmanship. It improves family health, lowers fuel costs and protects home furnishings. UL-tested, the humidifier introduces steam into a room at room temperature. Made by Rotherm Engineering Company, Inc., 7280 West Devon Ave., Chicago 31, Ill., the humidifier retails at \$69.95.

## ● SAFETY COVER

A protection for children against serious burns or electrical shocks. This safety outlet cover is tamper-proof. The cover fits all standard outlets. It is simple to install, snaps into position. This protector also eliminates the possibility of plugs being pulled out accidentally causing loss of food, in the case of refrigerators and home freezers. Priced at two for \$1, the outlet protectors can be obtained from Paulmar Products Co., 13 David Road, Framingham, Mass.



## ● BUILT-IN IRONER

Step-Sav Ironer is one of the newest of built-in appliances. It is a combination ironing board and mirror door cabinet. The unit is pre-wired, self-fused and designed for any type of wall construction. The cabinet is made of steel. There is an electric timer for iron shut-off. Made by the Cadiz Electric Corp., 221 W. Walton St., Chicago 10, Ill., the unit is priced at \$109.50.



# Tri-County

TELEPHONE NUMBERS TO USE  
IN CASE OF OUTAGES

## Jefferson County

Office—Mt. Vernon CH 4-1451 and CH 4-1452

If no answer call—Leroy Reu, Mt. Vernon CH 2-5446

If no answer call—Francis Wittenbrink, Mt. Vernon CH 2-5418

If no answer call—Max McCarty, Mt. Vernon CH 2-1836

## Marion County

Office—Salem 74

If no answer call—Robert Worley, Odin, Prescott 5-3982

If no answer call—Paul Poole, Salem 942-W4

## Washington County

Call Charlie Swain—Nashville 7-8494

If no answer call—Amos Weeke, Nashville 7-3772

As you read this (and we hope you do) the election shouting, name calling, and all other devices candidates use to influence your voting thoughts are things of the past. How much better it would be to be aware that we are being influenced and weigh every remark in that light. We would be much calmer citizens.



**H. G. Downey**  
Manager

Actually, have we ever elected a President that completely ruined this country? It is true, all have had their shortcomings and have made mistakes, but not to the extent the country has failed. So let's be calm when we discuss the candidates and our party and let's get behind our new President. He has a terrific job ahead!

We are becoming uncomfortable as we realize what is going on in Cuba. We see another dictator rise in our generation and it will take blood to make him fall. It is amazing how helpless we citizens become. Most of us want to live, and opposition means death! When and where will the battle take place that decides whether we remain free or become wards of a communistic government?

We have often thought a candidate for President could get several votes by campaigning on a platform of elimination of many unnecessary government programs, extensive foreign aid for example. Ask yourself, were you ever able to retain things given you? Certainly you did not appreciate them unless you earned them.

How about a campaign contract?: "If I am elected I promise to reduce the following and to install no replacement programs and if I have not achieved this goal within 90 days I will resign as President!" Would that get your vote as a taxpayer? We believe it would if someone had the nerve to campaign in that direction.

Could we adjust to elimination of some services? Yes, we have the ingenuity to do many things.

That's enough philosophy! Let's get down to earth and talk about our organization. It's been a great year for getting things done, that is, the latter half has, after a cold snowy March. Many service improvements

are now in effect for you members.

There are more substations, better service, increased capacity, and the same low rates. Let's use electricity for everything! We're so confident, that we are going to make you members who are tired of using gas a very special offer! Be watching for it in your mail!

## Jo-Carroll

Charles C. Youtzy, manager, Elizabeth, phone 35.

Office hours: 7:30 a.m. to 4 p.m., Monday to Friday, Saturday 8 a.m. to 12 noon.

Outage calls after office hours, Sundays and Holidays:

Harry Ehler, Elizabeth, Phone 168  
James Riley, Galena, Phone 198  
Robert Wand, Mt. Carroll, Phone 7442

Our 21st annual meeting will be held in the gymnasium of the Savanna Community Township High School on December 3. It will start at 10 a.m. The Jacobstown Community Club will serve a box lunch at noon. Plans are being made to make this meeting the largest in the history of the cooperative.



**C. C. Youtzy**  
Manager

There will be entertainment and the awarding of attendance mark December 3, on your calendar and plan now to attend the 21st annual meeting of your electric cooperative.

### Will Serve Resort

We have finished the work on the line extension which brings electric service to 17 new members of Island 239 in the Mississippi River, near Galena.

Our construction crew is now working in Rice Township converting a single phase line to a three-phase line. This is being done that we may have service available to the large ski slide and resort area which is being built in that area and which will be in operation around the latter part of this month.

This new consumer of our electric power will be known as the "Chestnut Hills Resort Area" and will be the largest one of its type in this part of the country.

### Short Comments

Charles Louis Klotz, power use adviser for your co-op has accepted employment with the Eagle Pitcher Mining Company of Galena. We all miss Chuck and wish him luck in his new position.

Everett R. Read, director of the co-op and also a delegate to the Dairyland Power Co-op's Board of Directors, and Manager Charles Youtzy and Charles D. McClave, attended the monthly meeting of the Dairyland Co-op in La Crosse, Wis., on October 21.

## M.J.M. Electric

On Thursday, October 20, a meeting was held at the cooperative office with wiring contractors from the three-county area, which we serve. This meeting was held so that plans



**Ora Snider**  
Manager

could be formulated to provide electric heating for our members, who are building new homes, or, are considering changes in existing heating plants.

Henry Scherer of the Mt. Vernon Electric Company was guest speaker for the evening. He explained, to the group assembled, the proper methods of selling electric heating to a member, on the basis of its benefits rather than on the basis of facts and figures on costs and operation, which, he stated, also, compare favorably with the costs of heating with primitive fuels.

Following a short question and answer period ways were discussed in which the cooperative and the contractors working together could provide the members with a complete service to help the members in obtaining and installing electric heating.

Those in attendance, representing the various areas, were: Gary Bauer of Dorchester; Frank Heigert and Bob Whitby of Carlinville; George Fravala of Hillsboro; and Mr. Ford of Jerseyville; as well as lineman from each of the areas.

### Construction Work

At the present time, our construction crews are working full speed, with not much let-up in sight. The major project now under way is the construction of a line, joint use, along Route 108 into Carlinville. This involves about 11 miles of new construction.

Also, in the immediate plans, is the upgrading of the Staunton Substation from 1000 to 1500 KVA.

We have recently added a second circuit north out of this station and have a circuit south staked and ready for construction. These improvements will not only increase our capacity at the Staunton Substation but will add needed reliability to members now being served out of this substation.

Since the mailing of the new meter books it may be noted that there was an error in the printing—the dates that the gross rates apply show, on the envelopes, the net date as the 10th. This is in error, it should read the same as on the front of the book. The date to save by paying net is the 15th of the month.

**Damon W. OUTAGE**  
Office hours: 8 a.m. through Friday  
Telephone 404—  
To report an outage call Mrs. Wilma Ware, on Taunton Newton, Francis Cloyce Johnson

Now that winter is on us, farm animals be shut up in houses most of is the ventilation on your farm?

It is common to proper ventilate which is very who must work ing. Animals and gish and drowsy noticeable loss in body weight. All teriorate more r excessive amount cannot escape.

The most deplorable a building is with an electric outside air is be some type of intake exhausted. Move be continuous du the animals are h the animals are h stops.

A much greater needed for ventil cr than is needed weather in order from getting too can best be done fan system with volume control, system.

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For more information dealer or our el

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# YOUR CO-OP

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following day without having shaved his head slick and clean.

Next morning the results were that neither man had lost his \$10. Both had cut their hair off with only a few razor nicks scattered over their scalps as further evidence as to just how it had happened.

Some people are funny and you sometimes wonder what is going on in the other fellow's mind. Another person, we know, has spent dollars and dollars to try to make his hair grow only to find it slipping a little farther back each year. Now he tells us that if his hair weren't so short (non-existent) on top it would be curly.

There was some talk for awhile that these three were going to form some sort of a club and might even ask a few others to join them. At least they had their pictures taken together and the curly headed one points to it with pride and says, "See, I'm the one that has all the hair." And you can almost see that he is right, too.

## Clay Electric

Telephone Numbers  
Office 8 A.M. to 12 Noon—1 P.M. to 5 P.M. NO 2-6126 Homes (Nights or Week-end)  
NO 2-6289 NO 2-5825 NO 2-3434  
NO 2-3363 NO 2-7281 NO 2-8271

You probably all heard of Ford Town U.S.A. Your cooperative had a small part in it. The aerial basket was used by the photographers in making pictures (both still and movie) of the field where the cars were stored. We also set up on East North Avenue where pictures were taken of the down-town area full of white Fords.

**Billing**  
Our new two-year billing books are now being prepared. They will be mailed to you after the first of January. You will have them in time for your January 15 billing. The big change to look for is the change in our numbering system. All line numbers are being dropped and map numbers are being used.

Each six-mile square is given one number, then the section number is used and your house is given a number, as 10-18-5. This number is important. When you call us about something, be sure and tell us what your map number is. This can sometimes save time.

**Heat Cable**  
The cooperative now stocks electric heat cable. If you would like to know more about the installation and operation of electric heat, either stop one of our maintenance trucks or come to

the office. You will be under no obligation to buy. We only want you to have the facts. Twenty cooperative members are now using electric heat for their heating comfort.

\* \* \*

Now is the time to shop for small electrical appliances for your Christmas gifts. They will really be appreciated by all those receiving them. Be sure to roast your Thanksgiving turkey electrically.

## Corn Belt

We wonder if any director or an electric co-op can beat the attendance record of W. B. Ellis. He was one of the spark plugs who started this co-op in 1938. At the time he was living on

his farm between Le-Roy and Downs. Director Ellis, an incorporator of this co-op, had not missed a monthly board meeting until September when he was confined in the hospital. That is a record of 22 years with a perfect attendance.

These meetings are held in the day time and Ellis has been known to tie his corn planter team to the fence, come to board meeting, and then go back to planting corn. Is there any co-op director who can beat this record?

### Christmas Lamps

Your directors have again authorized mailing a modern lamp bulb to members, wishing you a Merry Christmas. We hope these will be mailed early, ahead of the rush, and that they will help you have a well-lighted, happy Christmas season. If your bulb does not arrive in good shape be sure to notify co-op office so we can replace it.

### Praise For Firemen

Electric co-op personnel usually get called when our members have a fire. We are glad to de-energize lines for safety and reconnect wires when practical to give members service they need after the fire is out.

We give a bouquet to those volunteer firemen who respond to calls on a moments' notice at any time of day or night. Our men know what it means because we give the same 24-hour service.

Our line superintendent has met with the McLean County Firemen's Association and discussed how they can safely handle electric wires at fires. We will be glad to be of assistance if any other associations would like to have it.

## Wayne-White

In May of 1935, an important event for rural people took place, an event that was to change the entire outlook on life for all of us. The Rural Electrification Act was passed by Congress, making it possible for farmers to build their own electric lines to provide light and power for farm people. It was something they had not otherwise been able to obtain.



Owen J. Chaney  
Manager

This year marks the 25th anniversary of our rural electrification program, something all of us should be thankful for in this month of Thanksgiving. Let each of us pause a moment and give thanks for what electricity is doing for us. Give thanks to those who had the courage and foresight to originate the program. And give thanks to those who worked long and hard in the formation of our own rural electric cooperative.

This year marks 25 years of progress, made possible by member cooperation. What will the next 25 years bring? Future cooperative member support will insure future success and progress.

### Meter Reading

It seems to be continually necessary to remind some of our members to read their meters promptly and to send the readings in with their monthly remittances. Prompt, accurate meter reading insures accurate billing. A late reading does not represent a true picture of electricity used during the preceding month.

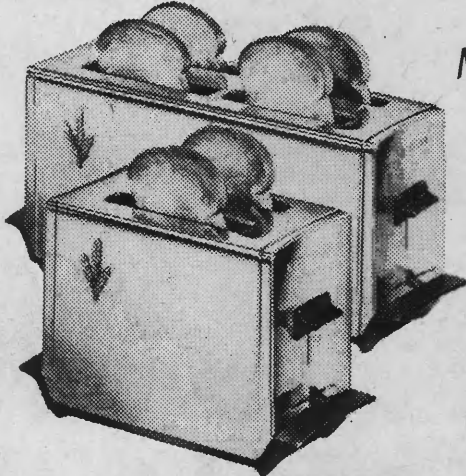
If we do not receive a reading, or if it comes in too late in the month, the kilowatt-hour consumption is estimated. An estimate is based on previous monthly consumption and is never exactly right. So again, we remind you to read the meter promptly.





# "sunny sendoff"

with an automatic breakfast

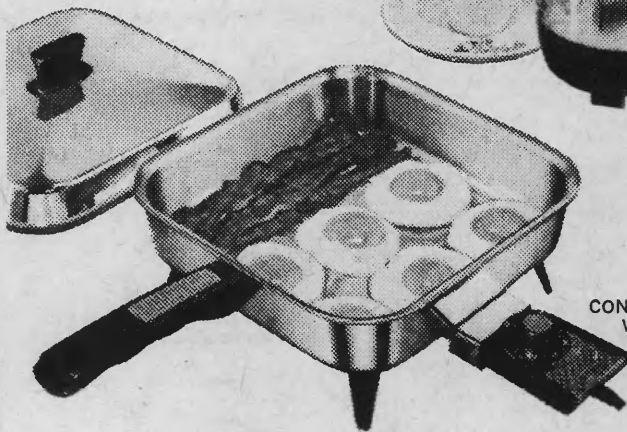


**NEW**  
2 SLICE and 4 SLICE  
AUTOMATIC TOASTERS

Choose your favorite shade of toast, set the Selectone control, then watch perfectly browned toast pop up automatically. With a West Bend toaster, the new radiant heat control assures "just right" toast every time. You'll enjoy the compact beauty of a West Bend toaster too... modern slim-line design in lustrous chrome. 4 slice model \$24.95, 2 slice model \$17.95



*quick 'n easy automatic appliances*



CONGRATULATIONS  
Willie Wirehand

West Bend salutes the Rural Electric Systems of America on their Silver Jubilee.

**AUTOMATIC IMMERSIBLE SKILLET**

Bacon and eggs retain their "country-fresh" flavor when prepared in this 11" x 11", deep-sided appliance because perfectly controlled heat makes sure they're always done "just right." Immersible. With automatic heat control, \$23.95

**6-8 CUP IMMERSIBLE COFFEE MAKER**

Hearty, full-flavored coffee is always welcome at breakfast. This modern, polished aluminum coffee maker brews 6 to 8 cups of perfectly-perked coffee. Completely immersible. Automatic "Mini-Wink" heat control, \$15.95

Dept. 74B

WEST BEND ALUMINUM CO., West Bend, Wis.

## Private Utilities Reap Millions in 'Phantom Taxes'

The Federal Power Commission has permitted electric and gas utilities to charge "phantom taxes" as operating expenses. So said Dr. Robert Eisner of Northwestern University, an authority in this field.

Dr. Eisner pointed out that taxes are legitimate business expenses, and utilities thus include in their rates an amount for payment of taxes. However, because of special provisions in the 1954 Internal Revenue Code, utilities are permitted to charge consumers for normal taxes—but then they pay lower taxes to the state and federal governments.

What happens to the remainder of this overcharged tax money, asked Dr. Eisner? It is retained by the electric and gas utilities—with the blessing of the FPC, the professor answered. Thus utilities, which are really tax collectors, not taxpayers, have accumulated vast amounts of money which they have collected from their customers supposedly for tax payments.

As a result, FPC figures show that as of Dec. 31, 1959, electric utility companies had a total of \$1,157,690,309 in "accumulated income tax deferrals" under Sections 167 and 168 of the tax code. That is tax money collected from consumers but not turned over to the government. The figure grows each year, a continuing subsidy for private power companies.

**STATEMENT OF OWNERSHIP**

Statement required by the Act of August 24, 1912, as amended by the Acts of March 3, 1933, July 2, 1946 and June 11, 1960 (74 Stat. 208) showing the ownership, management and circulation of ILLINOIS RURAL ELECTRIC NEWS, published monthly at Waterloo, Wisconsin, for October, 1960.

1. The name and addresses of the publisher, editor, managing editor, and business manager are:

Publisher: Association of Ill. Elec. Co-ops, 416 S. 7th, Springfield, Ill.

Editor: William E. Murray, 416 S. 7th, Springfield, Ill.

Managing Editor: William E. Murray, 416 S. 7th, Springfield, Ill.

Business Manager: William E. Murray, 416 S. 7th, Springfield, Ill.

2. The owner is: Association of Ill. Elec. Co-ops, 416 S. 7th, Springfield, Ill.

3. The known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities are: None.

5. The average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the 12 months preceding the date shown above was: 105,189.

(Signed) WILLIAM E. MURRAY,  
Editor

Sworn to and subscribed before me this 28th day of September, 1960.

(SEAL)

(Signed) JUDITH J. PARKER,  
Notary Public

(My commission expires June 26, 1961.)

ILLINOIS RURAL ELECTRIC NEWS

# Smile Awhile

## WRONG QUESTION

Tex and Slim, riding into a Texas town, gawked at the first sign along the street. "What's a 'Crematorium?'" Tex asked. "Well," Slim replied, "why don't you go in and find out?" Moments later Tex came flying out into the street. "What did you find out?" Slim asked. Picking himself up, Tex replied, "Not much. There was quite a crowd in there, and all I had a chance to ask was, 'What's cooking?'"

## BE PREPARED

Two alcoholics were discussing the future of the world.

"I was reading in the newspaper," the first one said, "that there's going to be a water shortage in 20 years. There won't be enough water for the population to quench its thirst."

"Drink up," the second alcoholic shuddered as he stretched for the bourbon. "the competition is going to be dreadful!"

## A WAY OUT?

The father was warning a prospective son-in-law: "Are you sure, young man, that you can support a family? Think carefully. There are seven of us."

## NOT GUILTY

Three small boys were brought before the judge for questioning. The first said that his offense was throwing peanuts in the lake. The second little boy said he also was guilty of throwing peanuts in the lake. The third little boy merely said: "I'm Peanuts."



Ma! Pa! I caught the chicken thief!

IT PAYS TO FROST-PROOF YOUR WATER LINES  
with safe, dependable

# LINE-O-HEAT<sup>®</sup>

Largest-Selling Heating  
Tape in the World!

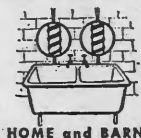
12 extra eggs  
per hen . . .

### AUTOMATIC 50° F. WATER WARMER



Will maintain water in 3 to 5-gal pan at 50° F. Increases egg production up to 12 more eggs per hen. Costs less than an egg a day to operate. \$6.95.

The best heating tape to prevent freezing of pipes, pumps, etc., in coldest weather. Easy to apply, no tools needed. Costs as little as a penny a day to operate. Both regular and Automatic Line-O-Heat with built-in thermostat will give dependable, safe service for years because LINE-O-HEAT IS BUILT UP TO A STANDARD, not down to a price. Line-O-Heat is available in 10 lengths from 4' to 80'; regular from \$2.40 to \$12.95; automatic from \$6.20 to \$16.95.



THE SMITH-GATES CORP. FARMINGTON, CONN.

# FARMING

is America's Biggest Business

## The FEDERAL LAND BANK

is a dependable source of credit to finance



Today's Farm  
Needs

"A FARMER OWNED  
COOPERATIVE"

SEE OR WRITE YOUR NEAREST FEDERAL  
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AMBOY  
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EFFINGHAM

EUREKA  
FREEPORT  
GALESBURG  
HARRISBURG  
HILLSBORO  
JOLIET  
KEWANEE  
LINCOLN  
MACOMB  
MONMOUTH

MORRISON  
MT. VERNON  
OREGON  
OTTAWA  
PITTSFIELD  
PRINCETON  
QUINCY  
SPRINGFIELD  
WATSEKA  
WOODSTOCK





Heart of the heating and cooling system is mounted next to the ceiling in the basement fruit room out of the way of everyday traffic.

The Melvin Addens, Mt. Olive, heat and cool their modern, story-and-a-half farm home with an electric heat pump. They are members of M.J.M. Electric Cooperative of Carlinville.

## Comfort the year around with an electric heat pump

■ Winter or summer, Mr. and Mrs. Melvin Adden of near Mt. Olive, endure little, if any, discomfort because of changes in the outside temperature. The Addens have air-conditioned their new six-room, story-and-a-half home with an electric heat pump, which warms the home in winter and cools it in summer.

Explains Mrs. Adden: "There's nothing quite like electric heat. There are no hot or cold spots in our home. The temperature is the same all over the house." Besides, Mrs. Adden says electric heat is clean, too. The air is filtered. As a result, the rural homemaker has little dusting to do now.

The Addens used to live in an old story-and-a-half L-shaped farm house, a section of which was at least 125 years old. The old home was made of brick and wood. Its seven rooms were heated by one coal stove and two oil heaters, located in the dining, living and downstairs bedrooms.

The upstairs was left unheated except for the little heat which filtered up through the floor ventilators. Mrs. Adden says that on cold, windy nights, there was probably not much more than 10 degrees difference in temperature between the inside and outside

of the house in the upstairs rooms. "We had to sleep under heavy blankets and quilts to keep warm."

Downstairs, the Addens weren't much warmer. "If we got farther than 10 feet away from the coal stove, our feet would get cold." When the Addens decided to build a new home three years ago, they made up their minds to heat it electrically.

"My brother-in-law had it in his home and he was very satisfied with it." With help from their supplier, M.J.M. Electric Co-op, the Addens planned their present heating and cooling system. The whole house was insulated with six inches in the ceiling, four inches in the outside walls and two inches beneath the floors.

The three-ton heat pump was installed from the ceiling of the basement fruit room, well out of the way. The heat exchange coils were located outside. Two thermostats control the unit, one is inside the house, the other outside. The latter is set 10 degrees lower than the inside thermostat.

The Addens keep the temperature inside their modern home at 74 degrees during the day, and 68 degrees at night. "We moved into the house two years ago on a cold night. Without thinking we all put the heavy covers over us when we went to bed. But, we had kicked them off before the night was over. I think that one experience convinced us more than anything else of the value of electric heat," says Mrs. Adden.

As for cost, Mrs. Adden says the heat pump was only \$300 higher than a comparative gas furnace with an air conditioning unit. "With electric heat we don't have a flame to worry about or a fuel problem either." Compared to the old stove heaters, Mrs. Adden says, electric heat is cheaper.

"It used to cost us about 50 cents a day for oil for the stoves, and around 65 cents for wood and coal. We heated our whole home last winter for less than a \$1 a day. We figured it only cost us between \$120 and \$140 to run the heat pump. We don't think electric heat can be beat."



## Administration

[Continued from Page 11] \$511-million for generation and transmission—53 per cent of the total of \$964-million approved since the program began."

In resolutions passed, the delegates:

- Reaffirmed their long-standing support of the two per cent REA interest rate.

- Vigorously opposed any measures or activities designed to curtail or limit the established policies of Congress and REA with respect to loan funds to finance the construction of generation and transmission facilities.

- Urged continual development of our natural resources, especially hydro power development.

Harold Huey of Plymouth was re-elected Illinois director on the NRECA board.

### KILL POWER FAILURE



with your  
**TRACTOR!**

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  
TODAY!

**WINPOWER**  
NEWTON, IOWA

Clip Cows Regularly With

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## MAKE YOURS A LIGHT WINTER

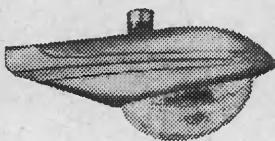
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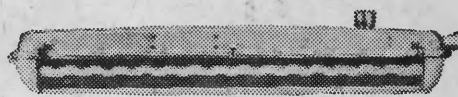


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**GENERAL**  **ELECTRIC**

# for the homemakers

By Judy Parker



Though holly, mistletoe and poinsettia have a well-deserved place in the Christmas decorating scheme, there are many delightful (and delicious) decorations—in keeping with the best Old World traditions—which come from home ovens to celebrate the season. Nothing is gayer and more festive than cookies and gingerbread figures which decorate the mantel or dangle in the greenery of the Christmas tree. No special cutting devices are needed. A pair of scissors, cardboard, a trimming knife and a random imagination are sufficient for turning out these fascinating ornaments. Here are special recipes for doughs easy to handle, easy to roll out, easy to cut. They will bake to perfection.

### Christmas Gingerbread Cookies

- |                              |                                  |
|------------------------------|----------------------------------|
| $\frac{2}{3}$ cup sugar      | 1 teaspoon cinnamon              |
| $\frac{1}{2}$ cup shortening | $\frac{1}{2}$ teaspoon cloves    |
| $\frac{2}{3}$ cup molasses   | $3\frac{1}{4}$ cups sifted flour |
| 1 egg                        | 1 teaspoon baking soda           |
| 1 teaspoon ginger            |                                  |

Blend sugar, shortening, molasses and egg. Stir in spices mixed with flour and soda. Knead dough until smooth. Roll out one-eighth-inch thick on lightly floured board. Cut with cookie cutters or cardboard cutouts in Santa, tree, star, stockings, hearts, diamonds, animal shapes. Place on greased baking sheet and bake at 350 degrees eight minutes. Decorate with colored decorator's icing.

### Decorator's Icing

Blend one cup confectioners' sugar with one-fourth teaspoon salt and one-half teaspoon vanilla and enough milk or water to make smooth paste. Tint icing with food coloring.

### Cooky Sled

Trace cooky sled from cardboard. Cut two sides of sled from gingerbread dough, transfer to greased baking sheet with large spatulas. It's easier to cut curved front runners separately from sides of sled and stick in place when assembling pieces. You will need a back and front for sled. The back should be as high as the side back and about four inches wide. The front should be as high as the front of sled and same width as back. Bake all cutouts at 350 degrees about 10 minutes. Cool, decorate with icing. Assemble sled by sticking the various parts

together with a paste made by mixing confectioners' sugar with unbeaten egg white.

Equally charming and perhaps a touch more imaginative than gingerbread ornaments are Christmas Cooky Trees. These gay bits of whimsy are especially attractive when used as edible centerpieces for the holiday table.

### Sugar Cooky Trees (2 trees, 8 inches tall)

- |                              |  |
|------------------------------|--|
| $\frac{1}{2}$ cup shortening | $2\frac{3}{4}$ cups sifted flour       |
| 1 cup sugar                  | $\frac{1}{2}$ teaspoon cream of tartar |
| 1 egg                        | $\frac{1}{2}$ teaspoon soda            |
| $\frac{1}{4}$ cup milk       | $\frac{1}{4}$ teaspoon salt            |
| 1 teaspoon vanilla           |  |

Blend shortening, sugar, egg, milk and vanilla. Stir in combined dry ingredients. Roll dough one-eighth inch thick on floured board and cut in star shapes. The stars should range from  $5\frac{1}{2}$  to 6 inches in width at the base to  $1\frac{1}{4}$  inches in width at top. If graduated cooky cutters are not available, cut star shapes from cardboard, place pattern on dough, cut around with sharp knife. In addition to stars, cut as many round cookies as stars—each  $1\frac{1}{4}$  inches in diameter. Place on cooky sheets and with unsharpened pencil press round hold in center of each. Sprinkle cookies with granulated sugar, bake at 400 degrees 5 to 7 minutes. Remove from sheet, cool, decorate points of star with silver candy shot stuck with a paste made of unbeaten egg whites and  $1\frac{1}{2}$  cups confectioners' sugar. Insert one end of wooden stick or long pencil in modeling clay and arrange cookies on rod, alternating stars with round cookies. Arrange cooky trees on table and surround with Christmas greens. Insert small candle in the hole in top of star cooky.

This Jolly Snowman Cake will brighten any meal with his happy countenance and delicious flavor.

### Jolly Snowman Cake

- |                              |                        |
|------------------------------|------------------------|
| $\frac{1}{2}$ cup shortening | 1 teaspoon salt        |
| 3 cups sifted cake flour     | $\frac{3}{4}$ cup milk |
| $1\frac{1}{2}$ cups sugar    | 2 eggs                 |
| 3 teaspoon baking powder     | 1 teaspoon vanilla     |

Grease, then flour round glass oven-proof mixing bowl and three ( $\frac{3}{4}$  cup) custard cups. Measure first five ingredients with one-half cup milk into mixing bowl, beat at medium speed two



# Merry Christmas styles for your table

minutes, scrape bowl. Add remaining milk, eggs and vanilla, beat two minutes longer. Fill custard cups half full and turn rest of batter into prepared bowl. Bake cups 30 minutes and bowl 65 minutes at 350 degrees. Cool in container 15 minutes then loosen sides, turn out. Let cool with rounded side up. Place on plate or foil-covered cardboard. Frost thickly with fluffy white frosting. Set on cupcake, rounded side up, on top of large cake and frost. The other two cakes are extras and no part of snowman. Use chocolate pieces for eyes, cinnamon candy for nose and a long red gumdrop for mouth. Use black gumdrops for ears and raisins for buttons down front. The top hat is made of foil.

*Here's a cooky cottage the boys can help build. Make the cottage as a centerpiece for a holiday table, as a gift to a kindergarten class or for a small fry holiday fry. Make it as a Christmas project for the Cub Scouts delegating a special job for each scout. Make it for the neighborhood gang, make it for the fun of making it.*

#### How To Make A Cooky Cottage

Here's what you will need: Recipe of chocolate cake for building blocks, recipe cooky dough for roof, door and trees; recipe fluffy white frosting for roof snow and mortar; recipe marshmallow for snow around house (optional); two tablespoons each corn starch and confectioners' sugar for new fallen snow.

**Prepare the materials:** (1) Prepare chocolate cake and bake as directed in a 10x16x1-inch pan. Turn out of pan, uncut, on large cake rack. (2) Prepare cooky dough. For roof support, cut out 8-inch square of cardboard, crease in center and bend so ends will form triangles 4x4x6½ inches. Fasten plastic tape to sides to hold cardboard in shape. Cover cardboard with 8-inch square of waxed paper. Roll out ⅓ of dough on lightly floured board to ⅛-inch thick. Cut out an 8-inch square and a 3x2 inch rectangle. Place the 8-inch square of dough on the waxed paper covered roof. Set on baking sheet. Also place rectangle on baking sheet and bake. Remove sheet, cool. Roll out remaining dough and cut with tree-shaped cutter. Bake on baking sheet. (3) Place cooled chocolate cake on flat surface. Cut a strip ¾ inch wide from

end of cake, then cut the strip into 1-inch pieces. Cut eight strips 1-inch wide and then cut each strip into 1½ inch pieces. You should have 48 large blocks (1x1½ inches) and 10 small blocks (1 x ¾ inches). For chimney, cut two additional large blocks. (4) Prepare frosting to use as roof snow and mortar in building the house.

**Frost and Decorate:** (1) Stick together with frosting two blocks for chimney. Cut out an inverted V to fit roof line, frost onto roof. (2) Swirl some frosting over roof and chimney to resemble drifted snow. (3) On the 3x2 inch cooky, which is the door, frost on a door knob and any other desired trim.

**Build the Cooky Cottage:** (1) The base of the cottage is three rows of blocks high with extra rows in peaks on front and back. Working on baking sheets or tray, build cottage one row at a time beginning with front of cottage and working around left to right, block by block. Working with small spatula, use frosting to stick blocks together. For bottom row, frost together two large blocks to make front. To this attach at outside end the side blocks using 1 small and 4 large blocks. Attach 2 large blocks for back. Complete the rectangle with second side of cottage made with 1 small and 4 large blocks. Frost middle row to bottom row. For the front and back use two large blocks as before. For the sides use 4 large blocks first, then 1 small block. The sides will have a staggered effect. Frost the top row to the middle row. Use 2 large blocks for the front and back and 1 small and 4 large for the sides, again creating a staggered effect. (2) Prepare two peaks for the cottage, laying blocks on a flat surface. For each peak, frost together 2 large blocks then centered over the 3 blocks, frost on 2 large blocks. Cut off sides leaving triangle with peak at center of two upper blocks. Stand peaks on to front and back of cottage. Frost into place. Let stand until firm. (3) Cut tapes holding cardboard roof together and place the roof on cottage. Attach door to cottage with frosting.

**Landscape the Grounds, if Desired:** Prepare Marshmallow. Swirl it around house, making mounds at each side of front door. Join two cooky trees back to back with frosting and place a tree in each mound. Make snow man. Mix corn starch and sugar and dust through sieve or strainer over all.

# Candles to light your holiday spirits

**C**andles make a pretty sight in a home and what a happy thought for Christmas giving. Candles are easy to make and can be trimmed as elaborately or severely as fancy dictates. Best of all, the needed materials are astonishingly simple and inexpensive.

Make a candle to match the household color scheme. Make several gay with Christmas spirit. Make a special one to compliment a friend's hobby. Have the children make little ones for relatives. You can even make a glamorous Christmas tree for a table centerpiece!

Most of the supplies can be found in an average home. The trimmings may be almost anything from colored yarn to sequins to sea shells. The single most important ingredient is you and your imagination.

To start you will need household paraffin, all purpose dye in the colors of your choice, ordinary string for the wicks, adhesive or cellophane tape, a pencil or other small stick, glue, scissors, and whatever you wish for the trim. You will also need something to melt the paraffin in. A clean empty coffee can in a larger pot of water works well and has the advantage of being disposable once the candle making is finished. A regular double boiler can be used however. In either case, follow the directions for melting paraffin and use care that the water container does not boil dry. Never melt paraffin over direct heat.

One pound of paraffin fills three concentrated frozen fruit juice cans, and one pound and one-half fills a quart milk carton. A centerpiece Christmas tree takes about two pounds. Each pound of paraffin requires one or two teaspoons of the dry dye. Other molds to think of using are muffin tins, soup cans, paper cups, paper freezer cartons, fancy molds and flower pots. Some very pretty candles are made and left in glass brandy snifters, sherbet glasses, or shell shapes. A caution when using glass containers: warm the glass first and have the melted paraffin barely pourable to avoid cracking the glass. The actual technique is to melt the paraffin as directed, stir in the proper amount of dye, remove from heat and stir thoroughly three to five minutes for good color dispersion. Let stand a few minutes while preparing the mold.

All purpose dye is primarily water soluble and will not entirely dissolve, but the residue will settle to the bottom of the wax and does no harm anyway. Because of the density of wax, you will find the lighter shades of dye produce brighter color as it solidifies. The following are recommended for happiest results: light green, scarlet, evening blue, turquoise, coral, yellow, chartreuse, orchid and all the pinks.

When wax has cooled slightly, pour

into chosen mold very slowly and carefully. Then let stand until solid. Milk carton candles, for instance, take eight to ten hours to harden completely.

To prepare molds, punch small hole in bottom center of can or carton. Run string down through hole, extending it about three inches, secure the bottom end with tape and dribble some wax over it to completely seal the hole. Draw string to top of carton and tie it tautly around a pencil or stick braced across the top. For muffin tins, and other molds you do not wish to punch a hole in, cut string in lengths at least an inch longer than the depth of the mold. Dip these into the hot, colored paraffin and set aside to harden for later use. They can be pushed into place when the candle begins to harden. Unmolding is easy, too. Paper molds, of course can be stripped from the candle. Metal or glass molds should be dipped quickly in very hot water to loosen, then the candle can be gently shaken out.

One lovely special effect is to have glitter throughout the candle. For this, wait until most of the wax has hardened, then sprinkle the top slowly and lightly with glitter, which will drift gently down in suspension. If the glitter is put in too soon, it will fall to the bottom and the effect will be lost.

The snow effect is done by allowing wax to cool slightly until a film forms on its top. Whip it gently with a fork until thick and the consistency of frosting. Then apply quickly to candle.

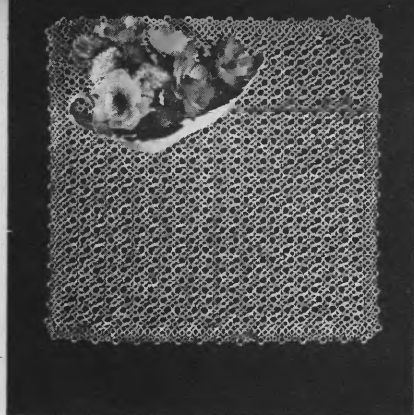
For holly trim, tint extra paraffin with light green. Pour a small amount on wax paper and let cool until firm but not really hard. Cut out holly leaf shapes with a sharp knife. Lift from paper and warm over a flame, working with just one leaf at a time. Curl the edges for a truly naturalistic look and stick the leaves to the candle in groups of three.

Holly berries can be made of Coral tinted paraffin. Glitter and other decorations should be applied with household cement or, for some things, round-headed straight pins.

To use poster paint on candles (for painting the lines of bricks, for instance), add liquid detergent to the paint or rub the wet brush on a bar of soap before dipping it in the paint. This makes the paint stick to the wax. Useful to know for writing names or messages on the candles, too.

Yes, indeed. Candles have come a long way from the time when they were only a source of light. Their warmth and beauty are now primarily a message of friendship and symbol of the Star of Bethlehem—at no time so important to use as during the Christmas season.





1. Tatted Doily—What a rare occasion to discover that perfect something for a bride. We've found it in our tatted doily which combines modern design with lacy frivolity.



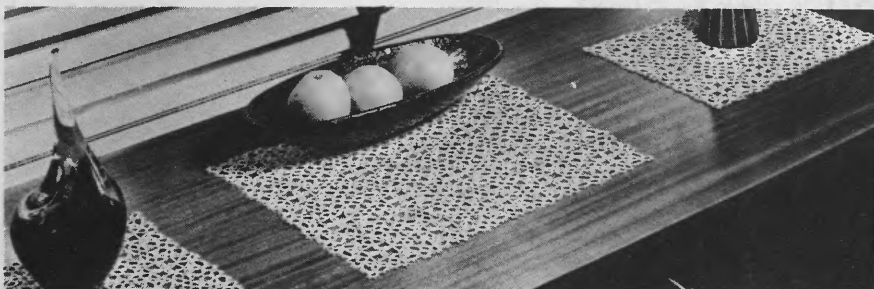
2. Lace Blouse—Make this suit accessory easily, using double crochet, chain loop and picot stitches. Just a minimum of shaping is required—perfect touch in wardrobe.



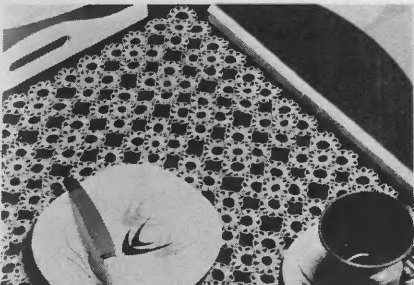
3. Tablecloth—Add charm to table settings with this cloth crocheted in pretty floral motifs. It measures 36 inches square and it is prettiest done in white, cream or ecru.

## FREE PATTERNS

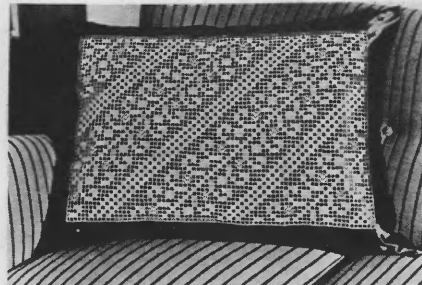
# BRIGHT IDEAS



5. Buffet Set—For the many women who like to tat, there's a very special beauty in this three piece set because it combines delicacy of workmanship along with simplicity of design.



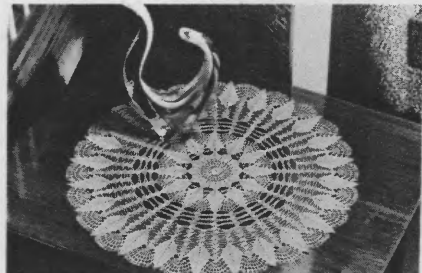
6. Tray Cloth—New idea in crochet, an intricate looking openwork pattern. Crochet each square separately, then crochet the squares together.



7. Pillow Cover—A pretty pillow can dress up a room. So, here's a beautiful filet crochet design which will add an elegant note of quiet charm to your decorating scheme.



8. Motif Edging—This beautiful needlework border is made in motifs which are then joined together around linen. Here's a project to carry around in handbag to work on.



9. Doily—Eighteen inches in diameter, this crocheted accessory is fashioned of delicate shells, with solid, double crochet forming the leaves. So stunning yet simple to make.



4. Beret—Despite its elegant airs, this crocheted charmer requires only an easy-to-do puff stitch, with single crochet forming the band. And it looks unmistakably French.

## FOR CROCHET

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Judy Parker

Box 1180

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- 2 ..... Lace Blouse
- 3 ..... Tablecloth
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- 5 ..... Buffet Set
- 6 ..... Tray Cloth
- 7 ..... Pillow Cover
- 8 ..... Motif Edging
- 9 ..... Doily

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# PEN PALS

Hi Pen Pals,

Geet time sure is sailing by. Christmas is just around the corner. Have you been thinking about what you are going to buy Mom and Dad for Christmas? Better be giving it a thought and also saving up your money. And what about that best friend of yours, going to include him on your list? If you are running short of ideas as to what gifts to buy, how about checking with your Pen Pals and swaping ideas? Here is another page of Pen Pals waiting to hear from you. Address any letters for publication to: Judy Parker, Jr. Rural Electric News, Box 1180, Springfield, Illinois.

## MARCH BIRTHDAY

I am 15 years old and my birthday is March 29. I weigh 116 pounds. I am five feet, four inches tall. I have brown hair and also brown eyes. My hobbies are writing letters, cooking and different kinds of sports. I am a Sophomore in the Louisville High School. I would like to hear from boys and girls between the ages of 15 and 20. —Lois Harrington, R.R. No. 3, Box 131, Louisville, Ill.



## PLAYS CLARINET

I am 13 years of age and my birthday is April 28. I go to Crescent City Grade School. I am in the eighth grade. I am four feet, one inch tall. I weigh 105 pounds. I have brown hair and eyes. I play a clarinet in the band. I like to swim in the summer.—Beverly Chandoin, R.R. No. 2, Watseka, Ill.

## LIKES TO WRITE LETTERS

I am 14 years old and my birthday is May 12. I have light brown hair and blue eyes. I am five feet, six inches tall, and weigh 125 pounds. My hobbies are going to movies, watching TV and writing letters. I would like to receive letters, and pictures if possible from boys and girls of all ages.—Albert Lee Horney, R.R. No. 4, Golconda, Ill.

## APRIL BIRTHDAY

I am 12 years old. My birthday is April 6. My hobbies are writing letters, skating, bowling and swimming. I live in town. I haven't any pets except a few cats. I have an older brother, two younger brothers and three younger sisters. —Judith Ann Cave, Tallula, Ill.

## HAS TWIN SISTER

I am 11 years old. My birthday is July 31. I would like to hear from boys and girls of all ages. I have a dog named Susie. She is two years old. I have a twin sister named Cheryl Sue Robinson. I promise to answer all letters. I like popular music. —Carole Robinson, R. R. No. 1, Tallula, Ill.

## LIKES HORSES

I am 13 years old and my birthday is June 11. I have light brown hair and greenish-blue eyes. I am five feet, four and one-half inches tall. I weigh 117 lbs. My hobbies are riding horses and cooking. I would like to hear from boys and girls of all ages. I will answer all letters. My picture is the one in front. The other one is Doris Gwartney.—Judy Houchins, Rockport, Ill.



## ELVIS PRESLEY FAN

I am 12 years old and in the sixth grade. I have yellowish brown hair and brown eyes. My birthday is June 9. I weigh 101 pounds. I'm five feet, one inch tall. I would like to hear from kids that like Elvis Presley and Rock 'n Roll music. I like to hear from girls and boys from 10 to 14.—Wanda West, R.R. No 1, c/o Glen Sutherland, Salem, Ill.

## WANTS A PEN PAL

I am four feet, three inches tall. I weigh 64 pounds. My birthday is February 12, I am 11 years old. I go to Yale School. Next Fall I will be in the sixth grade. I would like to hear from girls between the ages of 10 and 13.—Linda Hall, R.R. No. 1, Yale, Ill.

## LIKES TO ROCK 'N ROLL

I am 13 years old. I have brown hair and gray eyes. I am in the seventh grade. I am five feet, three inches tall. I weigh 100 pounds. My hobbies are writing letters, collecting pictures from kids I write to, dancing and listening to Rock 'n Roll music. I would like to hear from boys and girls between the ages of 12 and 15. Would like to have pictures too. Shirley Grammer, R.R. No. 4, Carbondale, Ill.

## COLLECTS PICTURES OF SINGERS

I am 13 years old. I am five feet tall. I am in the eighth grade. I have brown eyes and ash blonde hair. My hobbies are collecting pictures of singers and stars, baking and sewing. My favorite sports are skating, volley ball and swimming. I would like to hear from boys and girls from the ages of 13 through 15. Will answer letters promptly. — Arlyne Brenden, Box 53, Opdyke, Ill.

## RICKY NELSON FAN

I am 12 years old. My birthday is June 5. I am in the sixth grade at Lincoln School. I have red hair and brown eyes. I weigh 100 pounds. I am a Ricky Nelson fan and also an Elvis Presley fan. I would like to hear from boys and girls between the ages of 12 and 14.—Linda June Essary, Route 1, Box 77, Thompsonville, Ill.

## JANUARY BIRTHDAY

I am 13 years old. I have blue eyes and light brown hair. I am five feet tall and weigh 90 pounds. My birthday is January 24. I will be in the eighth grade. I wear glasses. My hobbies are cooking and sewing and also listening to Rock 'n Roll music. I would like to hear from boys and girls of the ages of 13 to 16. I would like pictures, if possible. — Daisy Harrington, R.R. No. 3, Box 131, Louisville, Ill.



## ENJOYS SWIMMING

I am 11 years old. My birthday is August 19. I have blonde hair and blue eyes. I weigh 80 pounds and I am four feet, eight inches tall. My hobbies are swimming, dancing, and listening to Rock 'n Roll music. I would like to hear from boys and girls of all ages. I will promise to answer all letters.—Bonnie Lou Greenwalt, R.R. No. 1, Keenes, Ill.

## HAS FAN CLUB

I am 15 years of age with long blonde hair and gray blue eyes. I would like to hear from girls and boys of all ages. I have a fan club going for Don and Phil Everly. They are my top singers. I also like Jimmie Clanton, Bobby Darin, Jack Scott and Darlene Gillespie. Please fill my mailbox.—Roberta Ann Wendt, 820 East 90th Place, Chicago 19, Ill.

## LIKES MUSIC

I am 12 years old and have brown hair and blue eyes. I weigh 110 pounds. I will be in the seventh grade next Fall. I like music and am learning to play the clarinet. I also like to cook and go fishing. Would like to hear from girls and boys between 12 and 14 years of age. Please send pictures, if you have any.—Eunice Greene, R.R. No. 5, Fairfield, Ill.



## SEWS AND COOKS

I would like to have a Pen Pal. I am 13 and my birthday is May 28. I have dark brown hair and brown eyes. My height is four feet, seven inches and I weigh 98½ pounds. My hobbies are sewing, cooking and skating. I go to the Payson Junior High School. I would like to hear from boys and girls of all ages. I promise to answer all letters.—Sandra Minnick, Star Route, Quincy, Ill.

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**SEPTIC TANK & Cesspool Cleaner**—Saves Money Pumping; Reduces Sludge; Eliminates Odors; Unclogs Pipes; Aids Drainfields; Harmless and Non-Poisonous; Guaranteed—\$3.95—"Bio-Enzyme," Box 425-AH, Nanuet, New York.

## ● Of Interest to Women

**FREE CATALOG:** Unusual Items for home and Personal use. Satisfaction guaranteed. Myco Enterprises, Dept. REN, Runnemed, New Jersey.

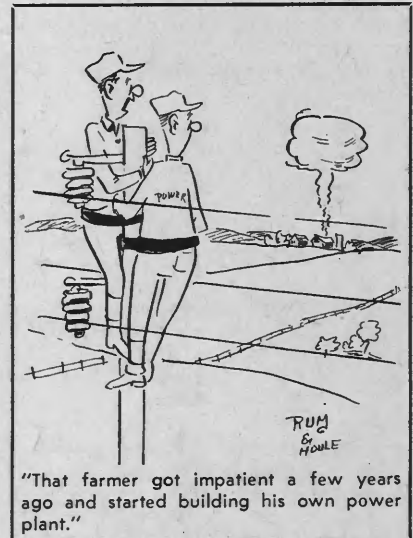
**HOME TYPING:** \$65 week possible! Details, \$1. Treasury, 709 Webster, New Rochelle RE-1, New York.

**SEW APRONS** at home for stores. No charge for material to fill orders. In our fifth successful year. Write: Adco Mfg. Co., Bastrop 15, Louisiana.

**\$2.00 HOURLY POSSIBLE** sewing our ready cut aprons at home. Spare or full time. Experience unnecessary. Write Hanky Apron Company, Caldwell 13, Arkansas.

## ● Pets

**RAISE RABBITS** and Fishworms on \$500 month plan. Sure-fire method. Plenty markets. Free details. White's Rabbitry, Mt. Vernon 37, Ohio.



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# FREE Mirro Cookware with PHILCO Tilt-Top Ranges

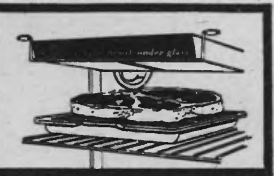
Wonderful \$22.50 value—15-piece set!



1. Exclusive Tilt-Top construction lets you clean all spill-overs quickly! Just tilt up top and sponge clean.



2. Exclusive Quick-Chef second oven slides out, washes, at the sink!



3. Patented "Broll-Under-Glass" unit eliminates annoying smoke and splatter!



4. Exclusive! Now you can clean under entire range without ever moving it!



5. Lift-off oven door and rounded corners let you clean the entire oven easily.

## EXCLUSIVE NEW PHILCO TILT-TOP RANGES ARE 5 WAYS EASIER TO CLEAN!

Yes, you get this 15-piece set of practical Mirro Ware *absolutely free* of extra cost with your purchase of *any new* Philco Tilt-Top Electric Range at participating Dealers! It won't chip, peel or tarnish! See it today!

Only Philco Electric Ranges give you new Tilt-Top construction! The entire top tilts up. Spill-overs are cleaned instantly — just sponge the underpanel!

Deluxe two-oven models feature exclusive radiant Quick-Chef oven that cooks 7 out of 10 meals — even bakes while it broils — perfect for snacks. Stretches power, saves 1/3 the time! See these wonderfully practical Philco Tilt-Top Ranges today at your dealer's.

**FREE**  
MIRRO COOKWARE

set includes:

- 2½-qt. covered saucepan
- 10" covered fry pan
- 6-qt. covered pot
- 3-qt. combination pot with trivet, 3 egg pans
- Salt and pepper shakers

# PHILCO

Famous for Quality the World Over