

*Illinois*

# Rural Electric News

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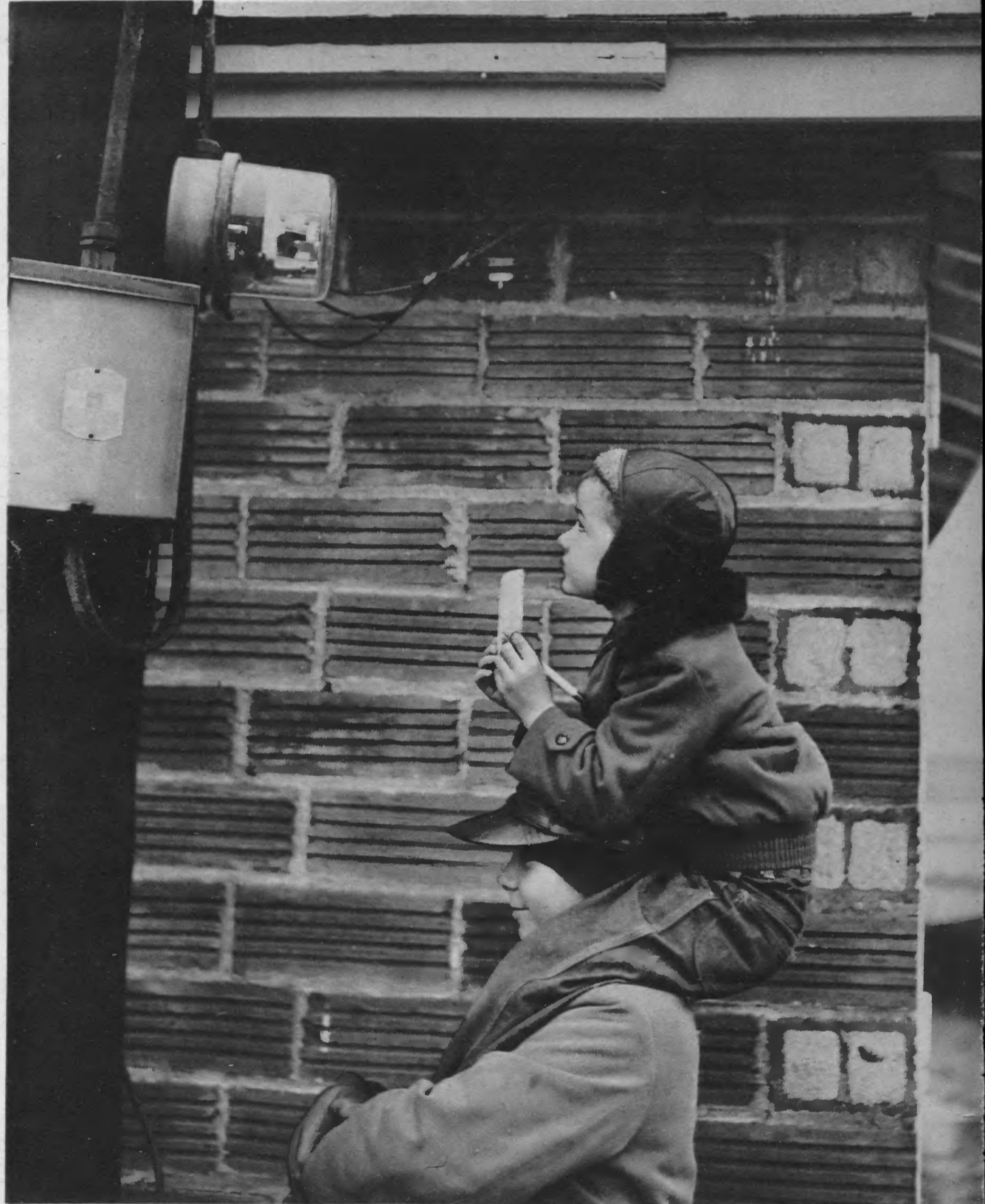
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*Young Cooperators*

 FEBRUARY

1955

*The Voice of 128,000*

J. J. FORMAN COMPANY  
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MONMOUTH ILL

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Illinois

# Rural Electric News

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## Washington Report

By William S. Roberts

**P**RESIDENT Eisenhower's budget message to Congress seems to spell out more clearly than ever before the Administration's basic power policy views.

The only increases or new projects provided in the power budget items are for REA items and Bureau of Reclamation facilities to serve a very limited portion of the rural demand for wholesale power deliveries.

At the other extreme, the Pacific Northwest and the Tennessee Valley areas, where Federal projects are the major power supply sources, were told to seek private "partners" to furnish their future needs.

### Opposed To Major Projects

Between the extremes, Congress is asked to provide funds to continue Federal power projects which were underway when Eisenhower took over the reins as well as \$7-million to launch two new multiple-purpose plans in the Rocky Mountains.

What this shows is that the Eisenhower Administration is willing, under prodding and pressures, to carry forward power programs of a "private enterprise" nature—cooperative as well as utility corporation—but will remain adamantly opposed to major Federal participation in regional power supply buildups, even where urgently called for by groups within the regions.

Meantime, the Dixon-Yates contract which provides the basis for a 75 per cent slash in TVA's budget is still hanging in a precarious balance. If it topples, TVA's new chairman has already indicated an alternative to continuing Congressional appropriations for more TVA steam plants will be ready in February.

### Approves REA Funds

The President's message to Congress accompanying the budget bears these general conclusions out.

The Budget Bureau, in effect, put a stamp of approval on increased rural electrification loan funds provided by Congress last summer. In the fiscal '56 budget a \$20-million increase in REA's electric loan programs is anticipated.

Congress boosted the amount asked for electric loans \$70-million above the budget request for the current year. It appears that is an accurate forecast of how much REA will lend above estimates the Administration made on the anticipated electric loan program this year.

Whether the estimated \$20-million increase over the current year for the REA electric loan program is sufficient is difficult to pin down at this stage. Surveys are underway, both by REA and the National Rural Electric Cooperative Association, which represents 93 per cent of REA's borrowers.

### Loan Applications

One index to the loan need is \$210-

million in loan applications pending at REA or being prepared by borrowers throughout the country. Some of these applications will be approved out of current funds this year, but, of course, additional applications will be started and submitted to REA between now and the end of fiscal '56, which is still 17 months away.

One of the most significant parts of the President's budget message was the first mention of one of the two reasons why the need for REA loans continues to be of pressing importance. President Eisenhower gave recognition to the requirement for additional generation and transmission by REA's borrowers as well as the constantly increasing need for system improvements.

Although the budget message didn't cite the reason for a reversing of the trend of cutting down on REA administrative funds, a \$395,000 boost in the amount the Administration wants for carrying on the telephone program is included. In addition, the telephone loan program estimate for fiscal '56 is \$5-million above that of the current year.

### Phone Program Slowing Down

There is concern both in government and in local rural areas over an apparent slowing down of the REA telephone loan program in the last year. Information sources at REA indicate that the additional funds will be used in such a way that local cooperative and independent telephone organizations will be actively encouraged to seek out use of REA telephone loan funds.

The deepest slash in the entire budget was applied to the Tennessee Valley Authority. Funds are provided for completing steam plant construction already underway, but the only other provision for additional TVA power rests upon the fate of the controversial Dixon-Yates contract.

(Continued on page 18)

## Significant Contribution

**T**HE modern headquarters buildings that most of the rural electric cooperatives in the state have erected in the past few years, have caused townfolk to sit up and take notice. Often, the co-op headquarters is the newest and most imposing structure in the towns in which they happen to be located.

For many years, co-ops were hidden away in some tiny dreary store building, which belied both their progressiveness and financial significance. Today, 135,000 members of 27 rural electric co-ops in this state have over \$80-million invested in electric lines and equipment which they use to bring electricity to their farms.

Moreover, these same members have spent between \$320 and \$400-million dollars to wire their homes and to buy refrigerators, ranges, irons, and other appliances. The \$80-million for co-op facilities plus the amount spent for wiring and appliances adds up to between \$400 and \$480-million.

Even in this era of super-high finance, \$400 to \$480-million is a lot of money. And it is money that has gone into the pockets of Main Street businessmen and manufacturers to spur buying power and prosperity in towns all over the state. Had it not been for rural co-op electrification, little of this sum would have been available.

If townfolk haven't realized it before, they should know now that what helps the farmers helps them. That is one good reason that the city folks in Illinois should appreciate the contribution that rural electric co-ops have made to the welfare of the areas in which they serve.

## What Our Readers Say

I read every page, even the want ads. Washington Report and home-makers' pages are favorites. A fine all around rural paper.

Mrs. Elmer Skelton

Loami

\* \* \*

REA is certainly a blessing to us farm people.

Mrs. Ann Humphreys

Elkville

\* \* \*

Enjoy your Illinois Rural Electric News magazine every month.

Mrs. W. A. Payne

Clinton

\* \* \*

I really enjoy this paper and think the crochet patterns are grand also the cooking helps.

Mrs. Carl Israelson

Geneseo

I have just received and read the January issue of Rural Electric News.

This is one of the most attractively prepared and adequately edited Electric News publications that I have had occasion to see.

I want to congratulate you on a fine organization and you as editor for giving to your readers the very highest type of publication.

Robert D. Tisinger

General Counsel

National Rural Electric Cooperative Assoc.

Carrollton, Georgia

\* \* \*

Certainly enjoy Illinois Rural Electric News, from cover to cover.

Alice Staley

Mt. Vernon

\* \* \*

We really enjoy reading the Rural Electric News . . .

Mrs. Leonard S. Kimmel

Murphysboro

### Our Cover

Illinois electric co-ops save thousands of dollars yearly because their members read their meters. Imagine what an expense it would be if the 27 co-ops in Illinois had to employ readers to check the meters of 135,000 members over 40,000 miles of line once a month?

Since the members pay all the expenses, they are saving themselves and their co-ops a lot of money and trouble by performing this simple chore and sending in their checks for the amount of electricity used.

The "young cooperators" are Edgar Austif, (on top), son of George Austif, who is the hired man on the Fred Harms' farm near Auburn. Holding him up is Billy Nicholls, Harms' grandson.



## Here's What

# Rural Homemakers Think About Home Freezers



**FRESH PEACHES**, frozen in quart jars, help Mrs. Verl Shutt add that little something "extra" to winter menus. This rural homemaker believes a freezer is convenient and handy to have, saving needless trips to town.



**PIES, LIKE** this are prepared ahead of time and stored in Mrs. Alice Florey's home freezer. This rural homemaker keeps her freezer stocked full, always ready for unexpected company.



**THERE ARE** three freezers in Mrs. Albert Buhr's home near Woodworth. She has an eight and also a six cubic foot box in the basement, and this four-foot cubic drawer in her refrigerator.

**MRS. RAYMOND** Lorange's freezer is somewhat different from the conventional models. She has a second-hand ice cream freezer. Her daughter-in-law is pictured opening one of the five compartments.



**A**DVERTISEMENTS describe in glowing terms the numerous advantages of owning a home freezer. But, the most reliable test of the value of this electric appliance is to ask the woman who owns one.

That is what your Illinois Rural Electric News set out to do. However, instead of asking only one owner, five were questioned. Here is what they had to say:

"A freezer is convenient," said Mrs. Verl Shutt of Shelbyville, after she had given the question a little thought. "I can plan better meals and I can plan them ahead of time. I'm always ready for unexpected company."

### Saves Trips

Besides, added Mrs. Shutt, "when you have a freezer you don't have to run to town as often. I used to make two or three trips to town every week."

That alone would have been enough to convince Mrs. Shutt her freezer is one of the best appliances she has. But, there are other advantages. "No matter what time of the year it is, winter or summer, you can have that little something extra that makes a meal," she remarked.

She took us out to her enclosed porch where the freezer stood. Opening the lid, Mrs. Shutt reached in and got out a jar of delicious looking peaches. "This," she explained, "is that little extra."

Upon closer examination we discovered the freezer was practically full of peaches, cherries, berries, and many other dessert dishes, most of which are out of season now. The Shutt's are members of the Shelby Electric Cooperative of Shelbyville.

### Doesn't Save Money

Our next stop took us in the next county north, Macon, where Mrs. Alice Florey of Argenta, met us at the back door. "I'll answer any questions you want to ask about our freezer," she commented.

"But, there's one thing I want you to know first. A freezer is nice to have, but I certainly wouldn't claim it saves you any money, like they advertise. Actually we eat more now and better." That's because the freezer is so handy, she clarified.

The Floreys' 19 cubic-foot freezer, located in the corner of the kitchen was full of steaks, pies, ice-cream, fruits and vegetables. "The neighbors call me the 'Super Market,'" Mrs. Florey joked. "But, it's nice to have the freezer full."

"The kids are always bringing someone home," she explains. But instead of being ruffled, Mrs. Florey said she can have a full course dinner ready in an hour.

The Floreys' are members of the Corn Belt Electric Cooperative of Bloomington.

### Always Prepared

And, if Mrs. Florey thinks she's a "Super Market", Mrs. Albert Buhr of Woodworth, does her one better. She's prepared for a small convention. There are three home freezers in the Buhr home. There is an eight and also a six cubic foot box in the basement. She has a four cubic foot freezer in the bottom of the refrigerator in the kitchen.

This Iroquois county homemaker, matter-of-factly stated, "We usually have a lot of extra help around harvest time, and they get pretty hungry." Three freezers, stocked full, help to handle this problem fairly well.

But that's not the only reason for the three freezers, Mrs. Buhr explained a little later in the conversation. "They're sort of an insurance. In case we have trouble with one, we can move the food to the other two and avoid spoilage."

The lines of the Eastern Illinois Power Cooperative of Paxton serve the Buhr farm.

### Uses Ice-Cream Box

There are two types of freezers, chest and upright, we thought, until we called upon Mrs. Raymond Lorange of Opydke. After we explained our visit, she hesitated a second, then invited us in.

"My freezer is a little different from what you are probably looking for." Then, she took us to the basement to show us. Sure enough the freezer was different. It was an ice cream box.

"I bought the unit second hand," she explained. The five-compartment box holds a whole beef. It also has a quick freezing unit. Very much sold on this type of freezer, Mrs. Lorange said, "I can get what I want without opening the whole freezer."

She told us she packs the compartments according to how she expects to use the food. The steaks, roasts and choice cuts are put in one section. Cakes, pies and pastries in another, and so on, until the box is full.

"I believe it freezes the meat harder and keeps it longer." The service of the Tri-County Electric Cooperative of Mt. Vernon serves the Lorange home.

### Sums Up Advantages

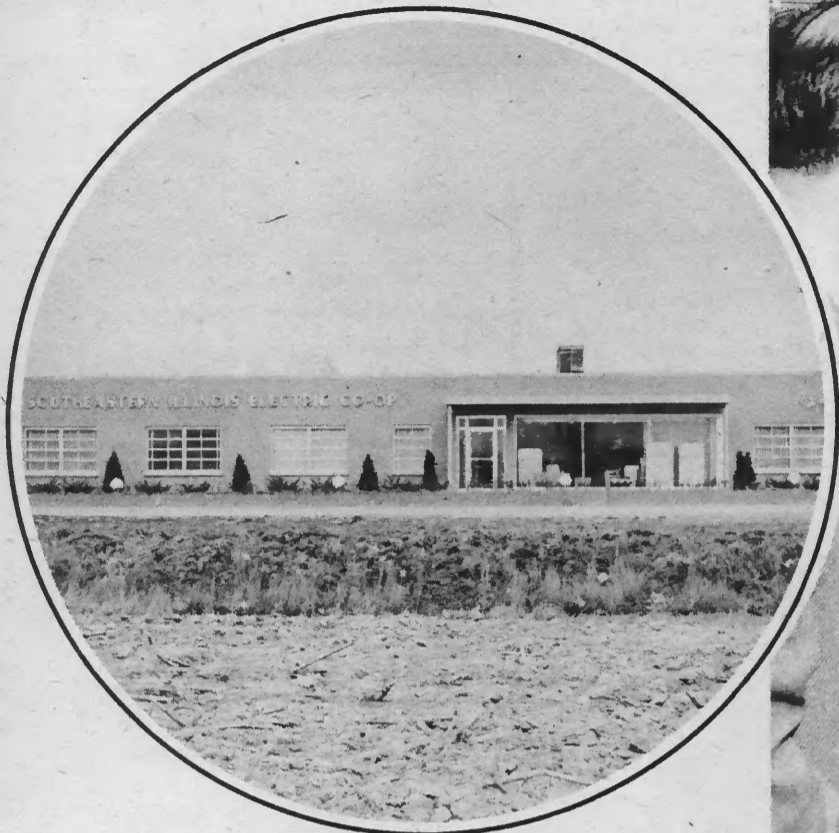
At our last stop, Mrs. Victor Earnest, a member of the Norris Electric Cooperative of Newton, probably summed up all the advantages of a home freezer, when she told us, "You can keep it stocked with everything you need to make good family meals."

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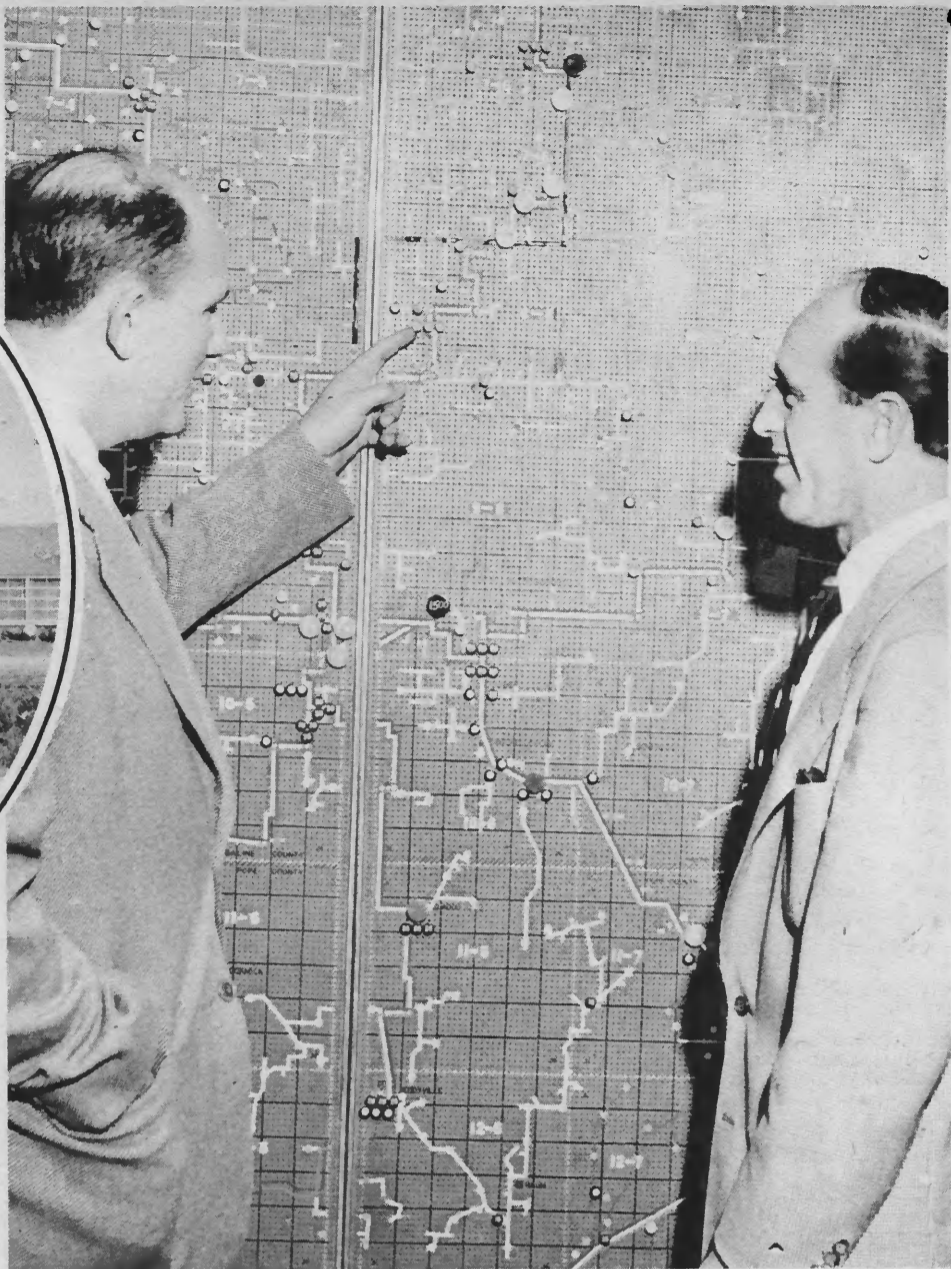


**FROZEN FRUITS**, and vegetables retain their fresh flavor, said Mrs. Victor Earnest of Newton.





**SOUTHEASTERN ILL. ELECTRIC** has been a "shot-in-the-arm" to the economically sick town of Eldorado. Manager Tom Clevenger shows Professor Poston system map on which co-op's 2,500 miles of line are charted. Poston is one of guiding forces behind community's attempt to pull itself up by the "bootstraps."



## *What A Rural Electric Cooperative Means To A Community*

**F**OUR hundred years ago Spanish explorers searched in vain for El Dorado, a legendary country where riches were to be found in great abundance.

To the casual observer who knows the legend of El Dorado, the little Southern Illinois town in Saline County bearing that name, appears to be a bold presumption.

The natives, however, disclaim any association with the Spanish pointing out that their town was named "Elderado" after two families, the Elders and the Reeds, who settled there nearly a hundred years ago. They blame the misspelling on the railroad which painted "Eldorado" on the station sign.

### **More Prosperous Days**

Nevertheless, there was a day not too long ago, when the Spanish title would not have seemed inappropriate. Then, "black gold" dug from the many coal mines in the vicinity, kept a steady flow of money piling into cash registers. A huge banner across main street, proudly proclaimed for all to see that Eldorado coal

mines produced a \$250,000 payroll every two weeks.

Finally a year and a half ago the last coal mine closed down. Long before, however, the specter of depression had reared its ugly head and the town's economy wobbled feebly. Citizens had to search elsewhere for employment. Some of them were forced to travel 150 miles a day to earn a living. Many others just moved away.

The more aggressive and foresighted citizens tried, with varying degrees of success, to solve the economic problem brought on by the dying coal industry. A packing company was induced to build a stockyard. This brought more farmers into town and meant more business. A few years later a grain elevator was built. This helped too. But it wasn't until a little over a year ago, that the entire community organized to make an all-out effort to restore their town's former prosperity.

### **Much Good Accomplished**

The idea was to attract new industries which would give employment to the people. Though it is much too early to judge the success of this community's battle against depression, evidences

of the good that has been wrought are everywhere to be found. The townspeople are rediscovering basic values of community life which many of them had never realized existed.

While they look to the future with great hope, they are also reappraising the institutions and industries that have been available to the town for some time. It is little wonder that the people of Eldorado are extremely articulate in their expression of their feeling towards a newcomer in their midst, the Southeastern Illinois Electric Cooperative.

The co-op moved to Eldorado from Harrisburg, seven miles away, nearly two-years ago. Southeastern constructed a modern, \$200,000 headquarters building on the edge of town. Ninety-five people are employed by the rural electric system which provides a payroll of about \$32,000 a month. Eldorado citizens look upon the co-op as a partial realization of their endeavors to improve the plight of their community.

And unlike most other towns where rural electric cooperatives have chosen to locate, Eldorado does not hide its deep sense of appreciation for the co-op's contributions to the community.

Typical of what some of the citizens of Eldorado think about Southeastern Illinois Electric Cooperative is the feeling expressed by Ernie Tate who is a partner in the Burnett Lumber Company and active in community affairs.

"The rural electric cooperative is a big thing in this town," Tate emphasized. "It brings a lot of people to town and that means more business for the merchants.

"We've been trying to build up our town for a long time. We've tried for years to attract industries which would give our people jobs. It helped the morale of our community a great deal when the Southeastern Illinois Electric agreed to move over here from Harrisburg two years ago."

#### Depend On Agriculture

Like other citizens, Tate pointed out that the basis of Eldorado's economy is agriculture. "Anything that helps the farmers in the area helps the town," he added. "We're proud of the co-op and of what it has meant to the farmers in the way of giving them a chance to have a modern life."

Another enthusiastic supporter of the co-op is Bob Wettaw of the Nuway Mercantile Company. Wettaw is manager of the grocery division.

"The co-op means an awful lot to us. It has a membership of about 12,000. Probably each one of these members comes to Eldorado at least once during the year and a lot of them more often. When they come to town usually they buy something," Wettaw said.

#### A Farming Community

"We're essentially a farming community. Because the co-op benefits the farmers it also benefits us. If it weren't for the co-op our merchants wouldn't have any market for electric appliances," he pointed out.

"That new building of theirs is something every citizen of Eldorado is proud of. When officials of industries come to look over our town, the co-op building is one of the first things we show them. It's mighty impressive," he added.

K. R. Trigg, editor and publisher of the Eldorado Daily Journal, had this to say about the co-op:

"The cooperative is a big asset to Eldorado. Townspeople didn't realize what the co-op really was until the annual meeting last summer. Nearly 5,000 people came to town. Everyone pitched in to make the co-op's meeting a success. Now we're planning to combine our town's fall festival with the co-op's annual meeting.

#### Brought High Caliber Men

And the editor added, "The co-op has brought to the community men of high caliber." Here he referred to the personnel of the co-op and to its board of directors for whom he had the highest praise.

The president of the Chamber of Commerce, Gil Montgomery, who is also manager of the mining division of the Minerva Oil Company, expressed unreserved enthusiasm for Southeastern Illinois Electric.

"Southeastern Illinois Electric Cooperative is by far the most forward-looking organization in Saline County. The rural electric program has brought modern living to our farms. Our efforts to improve our town would be very difficult if it weren't for the co-op because the co-op has already accomplished a great deal.

"We depend on the farmers. Now they have a life as good as the city folks and this has gone a long way toward breaking down former jealousies and bad feelings that used to divide farm and city people."

"Our biggest potential resource is agriculture," Montgomery pointed out. "We hope that if and when we can get industries to come to Eldorado that they will be industries that depend on agricultural products. In that way it will help the agriculture situation which, in turn will help everybody in this area."

Richard W. Poston, head of the Department of Community Development at Southern Illinois University, Carbondale, who has furnished much of the guidance and inspiration in Eldo-



ELDORADO Daily Journal Editor Trigg, says rural electrification "is the greatest thing that ever happened to American agriculture."

rado's attempt to "pull itself up by the bootstraps" is just as unrestrained in his praise of Southeastern Illinois Electric Cooperative as are the natives of Eldorado.

#### Much Deeper Appreciation

"Before the town squarely faced the problem of trying to do something about its economic

plight, there was little understanding of the value of such an organization to a community," Poston said.

"Today in Eldorado there is a much deeper appreciation and understanding of the tremendous contribution that rural electrical cooperatives generally have made.

"The existence of rural electric cooperatives such as Southeastern Illinois Electric has made Eldorado's job of trying to restore some of its former prosperity much easier. Without the rural electrification program it might be impossible for Eldorado to do much."

#### Makes Program Simpler

"The farmers feel that they own a part of the cooperative and they identify themselves with REA membership. As a result it makes a re-development program such as Eldorado and other towns are undertaking, much simpler.

"Eldorado and so many other towns in this state depend primarily on agriculture for their prosperity. The surrounding farm areas are vital to a community's existence. If it hadn't been for the co-op bringing these farm people together, a program such as we are trying in Eldorado would have no impact on farm groups," Poston declared.

In this atmosphere of good feeling and mutual assistance, the Southeastern Illinois Electric Cooperative is very much aware of the prestige it enjoys in the community and as Manager T. C. Clevenger put it, "hopes to continue to earn the respect of the citizens of Eldorado."

#### Proud of Co-op

Clevenger pointed out that, "We who are associated with rural electric cooperatives have always been proud of what the cooperatives have achieved in bringing a better life to rural people. And we think that our members are proud of their cooperative too. But it was not until recently that we realized what an important place our organization has in the community where its headquarters are located."

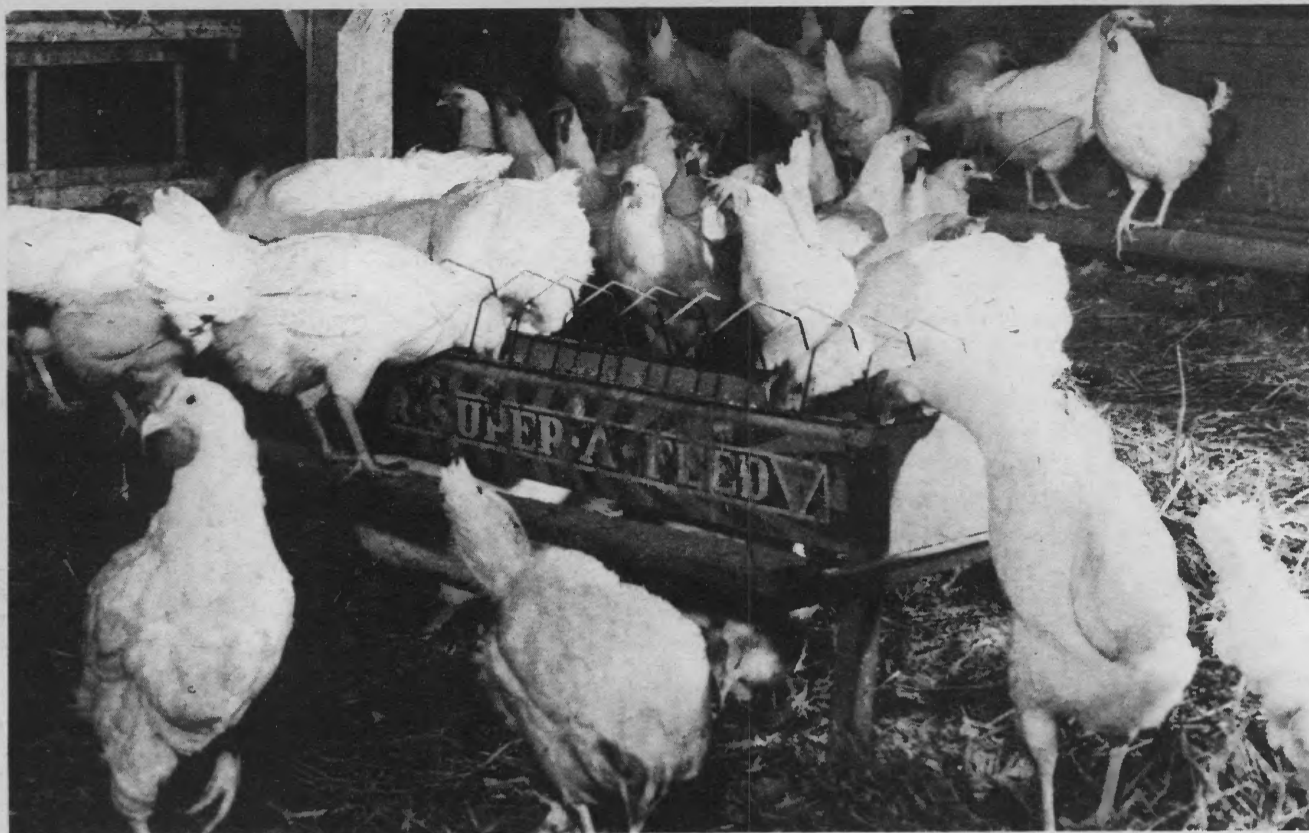
The manager said that the co-op identifies

(Continued on page 19)



PROMINENT ELDORADO merchant, Bob Wettaw, is unreserved in his enthusiastic praise of Southeastern Ill. Electric. "What helps the farmers, helps our town," he declares.





# Making Poultry Pay

*You Can Make Money From a Laying Flock if You Follow*

*Proven Practices and Sell Graded Eggs*

ILLINOISANS with small farms of low fertility must increase the value of their farm grains by profitably feeding them to livestock. The fertilizer produced helps to build up the soil while livestock sales supplement farm income.

If a good market (graded) outlet for eggs is available in your area, a laying flock offers you a means of increasing the farm income with only a small investment and quick turnover. Small investments and the quick turn-over of money are especially important to those who already carry heavy debts against their farms.

Let's discuss some ideas for making the typical farm flock a better-paying enterprise. First, let's recognize that the only way to make money from producing eggs is to stay in the business year after year.

Farmers who fill their empty houses with pullets following a year of good egg prices usually find that too many of the neighbors did the same thing. As a result, the following year is one of over-production and low prices. This "in-and-out" sequence is bad for the whole poultry industry of Illinois.

**KEEP INFORMED:** There are some basic poultry practices that have not changed through the years. But one need only compare the semi-monitor house with the design of present-day houses to see one basic change that has occurred.

The average hen lays over 180 eggs a year today (at a rate of 50 per cent on a year round basis) com-

pared to 120 eggs only 20 years ago. Compare today's feed formulas with those of 20 years ago.

Today the wise use of electric lights on laying hens keeps them in production over longer periods, especially in fall and winter months when egg prices are usually higher.

One means of "keeping posted" is to subscribe to a few poultry publications. Many of them cost as little as 50 cents a year and are a means of profiting from reading of the experiences of others.

**CUT COSTS:** New poultry housing or remodeling need not be expensive or complicated. In fact, much of the work can be done by the farmer himself. Many old houses have sound frames but need to be revamped for better ventilation and more convenience. Barns have been converted into poultry houses at a reasonable cost by many farmers. Cheap native lumber, available in many sections of Illinois, can be used to cut building costs.

Portable waterers reduce labor needed to supply water when growing pullets are moved out to clean, disease-free ranges. Less original investment is needed than when water is piped to the range. A quick trip to the range with the farm tractor will deliver enough water to supply a small flock for several days.

Range shelters provide plenty of fresh air for growing pullets and protect them from dogs and other wild life at night. They may be constructed of crude lumber, but skids should be made of lumber that has been pressure creosoted for long life.

Feed costs can be greatly reduced by making maximum use of farm-grown grain. But strong pullets and high production result only when supplements containing vitamins, minerals and protein are fed. If you have plenty of home-grown grain available, the best buy is usually the supplement which lets you use the most grain in proportion to supplement.

**WISE DECISIONS:** But sometimes the cheapest way is not always the best way. Bargain-price chicks may be diseased or from such poor stock that they could not possibly pay out no matter how well you might care for them. Know the source of the chicks you buy.

Mid-winter brooding may take more work and some more fuel but the growing chicks make better use of lush spring and early summer ranges. And they'll be older and require less work during the rush season. But above all, they'll be producing big eggs by late summer and early fall when there is a good market for them. That is, if you have a market outlet that will pay you on a quality (graded) basis.

When old hens sell for so little and pullet chicks cost so much to buy and raise, it is often tempting to keep over the old hens. On extreme cases it may be almost justifiable, but yearling hens are usually out of production when egg prices are the highest.

It requires lots of feed to carry old hens through a molt. They are more likely to develop tuberculosis, "go light", than pullets. They will

By D. J. Bray

Poultry Extension Specialist,

University of Illinois



lay about 20 per cent fewer eggs than pullets. For these and other reasons, it is usually better to sell off the old hens and completely replace them with pullets. It is never wise to keep adding a few pullets each year to the house of old hens.

These are only a few of the many decisions a flock-owner must make. He should get all the facts and allow himself enough time to think the matter through before deciding what to do. There are very few cases where "flipping-a-coin" is necessary if the farmer digs out all the facts.

**FOLLOW A PROGRAM:** Any successful business has a definite program. Things are done on a schedule and the basic requirements for success are given careful consideration. Here is a basic program that many poultrymen are following in order to organize their poultry enterprises.

1. Improved Stock: Look for freedom from disease, rapid growth, early maturity, high liveability, and high egg production when buying chicks. Find out how a strain performs under practical conditions on various farms before deciding to buy it.

2. Adequate housing and equipment: Houses should be cool in summer and warm enough in winter to permit some ventilation. Equipment should be plentiful to prevent crowding and designed to reduce feed waste and water spillage.

3. Balanced feeding: Balance farm grains with a commercial or home-mixed supplement. Different types of rations are needed for starting, growing and laying periods.

4. Proven management: The use of dropping pits, deep litter, winter lights and early brooding, among other things, are proven practices.

5. Healthy flocks: Vaccination against Newcastle disease and fowl pox are proven practices. Isolation of the flock, clean ranges, complete clean-up of the houses and equipment each year will control or prevent most diseases and parasite infestations.

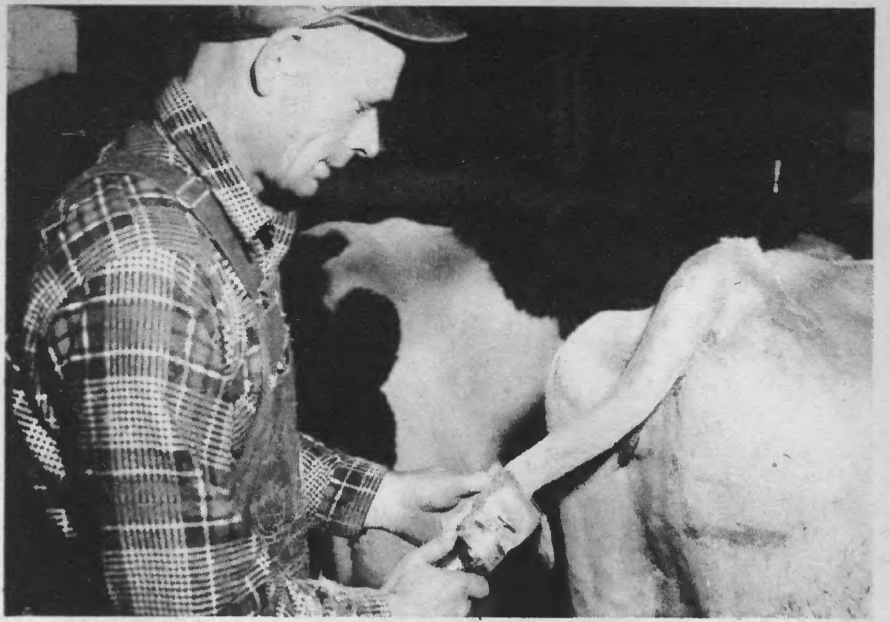
6. Efficient marketing: Simply seek out a good market that will pay you on a quality (graded) basis. Then follow those practices which will place most of your eggs in the top grades. It's time well spent.

A good program results when you are willing to read, observe, think, plan and then act. Remember, there is still no substitute for some hard work and punctual routine care if your flock is going to pay off.

# Clipped Cows

## Produce

## Cleaner Milk



**FIRST STEP:** Clipping the tail and bobbing the switch.



**SECOND STEP:** Clipping the entire surface of the udder.



**THIRD STEP:** Clipping belly as far forward as the navel.

## Properly Trimmed Cows Don't Accumulate Dirt and Sediment in Their Hair

A properly clipped cow does not accumulate filth and sediment that would otherwise lodge in her hair, if she is kept in the barn throughout the winter. Left alone and not clipped, milk production may suffer, say University of Illinois experts.

According to them, a systematic clipping program will improve the quality of milk produced by lowering the bacterial count, reducing sediment in the milk, improving the flavor and increasing the keeping quality.

And the farmer who has an electric clipper can do this job in a short time after the herd is brought into the barn for winter. Such a farmer is Edward Hard of Wyandot, who has a 16-cow milking herd.

### Follows Five Steps

Hard, a member of the Illinois Valley Electric Cooperative of Princeton, follows the University's recommendations of clipping the cow in five steps:

First, he clips the tail and bobs the switch so that it clears the ground

about four inches. The tail head and the area around the base of the tail should be clipped.

Then, he clips the entire surface of the udder. However, clipping is not a substitute for washing the cow's udder before milking. It should still be washed carefully before putting on the milking machine.

### Makes Mark Line

The third step is to clip the belly and hocks. A mark line is made from the navel to the thurl on both sides. This is done by holding the clippers on edge with the bottom blade toward the cow's head.

Clipping the flanks and thighs is the fourth step. This is done by running the clippers from the hocks up to the mark line.

The fifth and finishing step is the clipping along the backbone. This helps control lice. Now bossy is looking nice and producing clean milk.

Hard figures he can clip a cow in less than 10 minutes with an electric clipper. "I wouldn't try it with a hand clipper." It would probably take an hour or more, he thinks.



**FOURTH STEP:** Clipping the flanks and quarters to the mark line.



**FIFTH STEP:** Clipping the backbone to control lice.



**THE FIRST AND ONLY RANGE WITH**  
***Disposable Aluminum Oven Linings***  
**NEW 1955 KELVINATOR**  
**ELECTRIC RANGE**  
*takes drudgery out of oven cleaning!*



**FREE!**  
 A year's supply of cut to size aluminum foil linings with this new range!

**Easy as-  
1-2-3!**

**1** Slip out frames when aluminum lining becomes soiled!

**2** Discard soiled foil! Fold on shining new foil!

**3** Slip frames back in the oven. **NOW!** Shining new oven again!

**NEW!**

Broil a steak while you bake a cake! New exclusive Bonus-Broiler now brings you true Double-Oven luxury at a single oven price.

- Glass Oven Window lets you inspect oven cooking without opening door.
- Up-Down Unit. A deep well or a fourth surface unit.
- Removable Porcelain surface unit Drip Pans and Chrome Rings.

**NEW!**

Instant-heat—"2 in 1" Rocket Surface Units provide 5 heat settings for small pans . . . 5 separate heat settings for larger pans. Give greater economy.

- Full width storage drawer—with handy pan lid pockets.

**NEW!**

Illuminated dual Picto-Heat Switches tell the heat settings by the use of colored lights: all the way from red for High down to blue for Simmer!

- Self Cleaning, Rod-Type Oven Element and Surface Units.
- Automatic Oven Timer Control starts, times and stops oven cooking.
- Electric Clock and Minute-Minder accurately time cooking operations.

**Plus** Removable Oven Bottom that slides out to make this the world's easiest to clean range!

**SPECIAL VALUE!**

PORTABLE  
 ELECTRIC MIXER  
 \$1495 VALUE  
**ONLY \$695**

(For a limited time only.)

- Lightweight
- Stirs, beats, creams
- Carry it right to your range

**Kelvinator**



# Kelvinator

## New 1955 Electric Ranges

ARE AVAILABLE AT THESE  
KELVINATOR DEALERS

ANNA, ILLINOIS  
Cochran Appliances

MATTOON, ILLINOIS  
Mack's Tire Service

ARCOLA, ILLINOIS  
Art's Better Homes Shop

MATTOON, ILLINOIS  
Max W. Vest

BLOOMINGTON, ILL.  
Bender Furniture Co.

MURPHYSBORO, ILL.  
B & K Furniture Co.

CISSNA PARK, ILL.  
Reutter Electric Co.

OLNEY, ILLINOIS  
Fulgham Brothers  
Appliance Company

CLINTON, ILLINOIS  
Shinny's Sales & Serv.

PONTIAC, ILLINOIS  
S. Campagna & Sons

DECATUR, ILLINOIS  
B. G. Goodrich Co.

PRINCETON, ILLINOIS  
Swanson Electric Shop

DECATUR, ILLINOIS  
Rusk & Morrow

PROPHETSTOWN, ILL.  
Sommers Song Shop

EFFINGHAM, ILLINOIS  
Central Supply Co.

ROCK FALLS, ILLINOIS  
Knabe Hardware

ELLIOTT, ILLINOIS  
W. D. "Bud" Kreitzer

SIDNEY, ILLINOIS  
Floyd Erb

ERIE, ILLINOIS  
Hunt Hardware

SPRINGFIELD, ILLINOIS  
A. Dirksen & Sons

GREENVILLE, ILLINOIS  
Hediger Electric Co.

TOLEDO, ILLINOIS  
Toledo Oil Company

HIGHLAND, ILLINOIS  
Tibbetts & Company

TUSCOLA, ILLINOIS  
Mack's Tire Service

HINDSBORO, ILLINOIS  
Keith Eversole

URBANA, ILLINOIS  
Connell & Stevens

JERSEYVILLE, ILLINOIS  
North End App. Co.

VIRDEN, ILLINOIS  
Viriden Refrigeration

LEWISTOWN, ILLINOIS  
Lewistown Locker  
& Mart

WEST FRANKFORT, ILL.  
Washum Maytag Co.

LINCOLN, ILLINOIS  
Lincoln Tire &  
Appliance Company

WESTVILLE, ILLINOIS  
Tri County Natural Gas

LOVINGTON, ILLINOIS  
Glancy Brothers

WINCHESTER, ILLINOIS  
Patterson's Home  
Furnishers

## To Survey Illinois Farms On Electric Appliances In Use

A statewide survey starting February 1 sponsored by the Illinois Farm Electrification Council will try to find out just how Illinois farmers are using electric power on their farms.

Collecting this information is part of a nation-wide effort on the part of the Inter-Industry Farm Electric Utilization Council to promote more extensive and efficient use of electricity on American farms and in rural areas. The I.F.E.C. has taken on the task of coordinating the efforts of the electrical industry in Illinois as its share in this national undertaking.

First effort will be a survey of electrical appliances in use on farms in each county. Farmers with electric power can expect a survey card or form in the mail within the next month or so.

### For Industry Use

Information collected will be for use of the electric industry. It will be treated confidentially and names and addresses of individual farmers will not be generally released.

A special survey committee of the I.F.E.C. spent several weeks formulating the questionnaire form that will be used in Illinois. Member pow-

er supply companies of the Council will cooperate by sending out the survey forms to their rural customers in each area.

Robert W. Kleis, assistant professor of agricultural engineering at the University of Illinois College of Agriculture, and E. C. Collier, state representative of the Rural Electrification Administration, Springfield, served as co-chairmen of the survey committee. Other members included L. C. Groat, Spoon River Electric Cooperative, Canton; Sam Schmulbach, Illinois Power Company, Decatur; and Earl Heacock, Central Illinois Public Service Company, Springfield.

The committee plans that the survey form will be simple with a blank to check after each item of electrical equipment that you have working on your farm. You'll not have to spend more than a few minutes filling out the form.

Kleis points out that one result of the survey will be to show electrical farm equipment manufacturers how farmers are using their machines as a guide for their future production plans.

(Continued on page 16)



IN COMPETITION with nearly 3,000 youths from all over the nation, Martha Jean Mangold, 18, of near Mason City, won first prize in a farm fire safety contest sponsored by the National Association of Mutual Insurance Companies.

Her efforts were rewarded with a week's trip to New York City, last October. Prior to that, she had won the state contest conducted by the Illinois Association of Mutual Insurance Companies.

Martha Jean shows plaque she was presented with at the insurance companies' convention banquet in New York to Harry A. House-

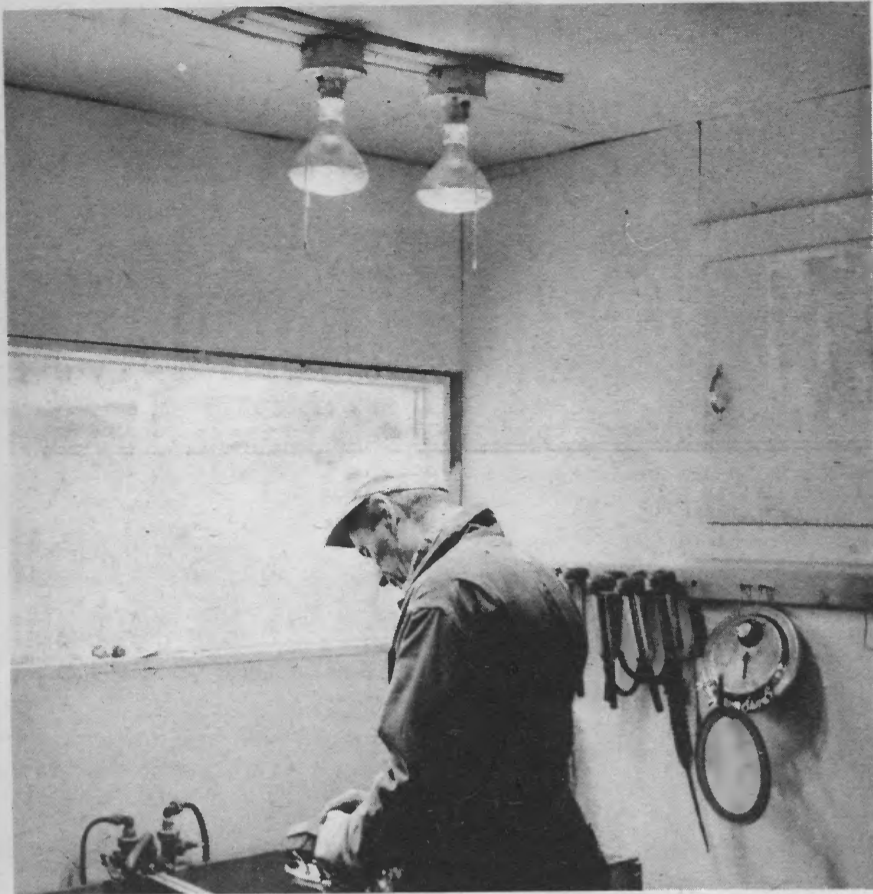
worth, right-of-way man, Menard Electric Cooperative of Petersburg. Her father's farm is connected to the Menard co-op lines.

### Highlights of Trip

Among the highlights of her trip to New York, were appearances on Arthur Godfrey's and Robert Q. Lewis' TV shows.

To win the contest, Martha Jean prepared an elaborate scrapbook and wrote an essay on farm fire prevention. Besides, she personally inspected 12 farm homes in her neighborhood

(Continued on page 11)



**TWO HEAT** lamps keep Harold Schindler warm while he washes his milking utensils in his milk house. Schindler installed his heating 'system' for less than \$5.

## Comfort in Milk House

*Electric Heaters are Ideal Solution to Keeping Warm During Milking Chores*

**U**TILIZING his faithful helper—electricity—today's dairyman can work in comfort in his milk house regardless of how low the outside temperatures get.

Dairymen like Harold Downing and Charles Garnett, both of Elvaston, use portable electric space heaters to maintain a warm temperature in their milk rooms. For a little cost and effort, almost instant heat is provided these dairymen by the mere click of a switch.

Downing installed two such heaters, one in the milk house and one in the elevated parlor. Both are operated by thermostats and have fans behind the heating elements which circulate the warm air.

### 'Warm Enough'

He sets the thermostat to keep the heat in the milk house at 40 degrees. "I want to keep the water pipes from freezing," he explains. The parlor heater is only turned on during milking. Then, it is set at 60 degrees. "It keeps me warm enough to do the milking in comfort," he points out.

The Hancock county dairyman recently remodeled his milking facilities. He constructed a concrete block milk house and parlor. That's why he needed some method of heating, he explains.

Garnett, who lives in the same county as Downing, about five miles north, uses a small portable reflector type heater to keep himself warm while milking in his eight-cow parlor.

And, when not in use in the parlor, Garnett takes the heater into the house, putting it in the bathroom. "We added the bath on after the house was built. Until we got the heater, we didn't have any heat in it."

Both Downing and Garnett are members of the Western Illinois Electrical Cooperative of Carthage.

Up in northern Illinois, not far from the Wisconsin border, Harold Schindler heats his milk house with two overhead-mounted heat lamps. "The building is insulated," he explains. "The lamps provide all the heat I need."

He installed the two, 250-watt lamps above his washtubs. "When I get my hands wet, and before they get chilled, I put them under the lamps. They're dry in seconds."

(Continued on page 16)



**THIS PORTABLE** reflector-type electric heater is used by Charles Garnett of Elvaston while he milks in his eight-cow milk parlor.

## Newest Developments In Home Lighting

**N**EWEST development in home lighting is a switch that works like the tuning knob on your radio. You can dial any amount of light that suits your mood or requirements.

Ordinary wall switches now give you only two choices, full brightness or pitch darkness. The new controls, however, let you choose the right amount of light for the occasion.

For example, when you watch TV you can dim your room to the eye-comfort level that you find most satisfactory. When your activities require full brightness, such as for reading and close work, then you turn the round dial as far as it will go.

### Variety of Uses

Do you like to dine in soft candle glow? The lighting control will give you that too. A soft night light can illuminate otherwise dark hallways or the children's room. The degree of light that flatters your interior decoration can lend attractiveness to your rooms. And you can dial the amount of light to suit your moods.

This new light control is called "Luxtrol." It is manufactured by the Superior Electric Company of Bristol, Conn.

Luxtrol replaces the ordinary wall switch. It will control up to 360 watts of power, such as, one 60-watt and three 100-watt bulbs, or any combination you want.

In appearance, it is larger than the widely-used wall plate. By rotating a dial, the degree of light is changed from complete darkness to full illumination. A rheostat regulates the amount of electricity and thus the degree of light. The operation is silent and without flicker.

### Contains Cutoff Switch

The control is a complete unit in itself and requires no external switch for complete cutoff. A small cutoff switch is incorporated. In addition, the unit offers extra overload protection through its own special fuse. It carries UL approval.

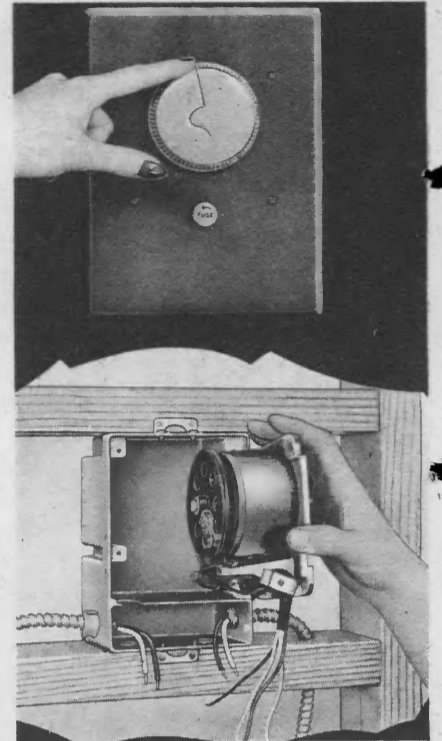
The control is available with knob and faceplates to blend with a wide variety of color schemes. It is sold through wholesale electric supply houses and electrical contractors. The price is \$30 to \$32.50 for each unit.

Another ingenious lighting development is a device that should have a number of uses in the home and around the farm.

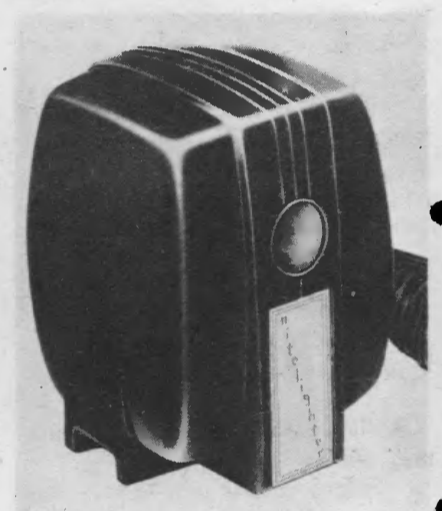
Called the "Nitelighter," this device automatically turns lights on at dusk and off at dawn. It is a photo-electronic gadget, which operates in accordance with the amount of light out-of-doors.

### Photo-Electric Eye

The light to be controlled is plugged into the Nitelighter which is pointed at a window. When darkness comes, the controlled fixtures automatically, goes on and stays on until there is sufficient daylight to cause



**CLOSE-UP** of Luxtrol light control unit which is larger than ordinary switch and plate. Inset shows unit being installed.



**NITELIGHTER** turns lights on and off automatically. It's good insurance against prowlers and accidents.

the photo-electric eye in the device to turn off the light.

With a Nitelighter, you would not have to come home to a "dark house," or a dark farmyard. This is not only good accident-prevention insurance, but it is also effective in fooling prowlers.

Outdoor uses include garages, farmyards, porches and any other place which darkness makes dangerous. The controlled light can be turned off manually if so desired.

### Will Control 300-Watts

The control is said to be easily adapted for overhead fixtures. It is a small compact unit approximately four inches in all dimensions. An eight-foot adapter cord with plug is part of the device.

(Continued on page 16)

**FREE CHICK BOOK**  
 You gain 2 ways with Great Plains! Up to 30% saving on chick cost and iron-clad guarantee of more profit (more eggs) or a cash refund! All leading breeds, also True-Lines and Silver Strooks. As hatched, sexed or started. Send for 44 page FREE book today!  
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 Box 661, Effingham, Illinois



# President Asks \$230 Million In REA Loan Authorizations

In his budget proposals to Congress on January 17, President Eisenhower requested new loan funds in the amount of \$230 million for the REA programs in the fiscal year beginning July 1, 1955. He requested \$160 million for rural electrification and \$70 million for rural telephones.

With funds that are expected to be carried over from this fiscal year, plus expected rescissions of previous loans, the President's recommendation would make \$186 million available in regular funds for rural electrification.

In the event Congress does not eliminate the state allotment formula in the Rural Electrification Act, another \$35 million is requested in a reserve authorization. Bills to eliminate the formula, which restricts funds available to any state, are pending in Congress. Its elimination would enable REA to carry out its established policy of meeting loan needs wherever they exist.

### President's Comments

In his message to Congress, the President commented as follows on the rural electrification and rural telephone programs:

"The programs of the Rural Electrification Administration have brought about great advances for rural America, and this administra-

tion will continue to make loans available to meet all legitimate needs for rural electrification and telephones.

"The need for electrification loans to provide initial connections of farm homes with central station service is much less than in earlier years. But this is more than offset by larger requirements for improvements of existing systems and for power generation. My budget recommendations, therefore, provide for a higher level of new electrification loans in 1956 than in the current fiscal year.

### Telephone Program

"The rural telephone program is still in an early stage of development. Progress is being made in resolving the various problems involved in achieving adequate telephone service in rural areas. This budget makes provision for new loan authority sufficient to raise the level of telephone loans in 1956 to \$80 million, which is \$5 million dollars higher than in 1955."

The budget disclosed that REA estimates electric loans totaling \$185 million in 1956. This is \$20 million above loan estimates for the current year.

An increase of \$395,000 in administrative funds for REA was requested, from \$7,285,000 in 1955 to \$7,680,000 in 1956.



COLLECTING INDIAN relics has been C. R. Welton's favorite pastime for more than 70 of his 81 years. The octogenarian has over 7,000 arrowheads and 600 axes, in addition to other Indian souvenirs, in his collection in his home near Carlinville.

Welton displays a stone axe in his right hand. The stone in the left hand is a stone of distinction, according to Welton. "It was awarded to Indian braves much as our soldiers are awarded the Congressional Medal of Honor." Collectors have offered as much as \$2,000 for this relic, he adds.

The collector says that Indians made arrows in various shapes. In his collection, there are arrows in the shape of eagles, snakes, turtles,

and heads of Indians. Welton's farm is connected to the lines of the M.J.M. Electric Cooperative.

## In Competition

(Continued from page 9)

where she discovered 80 fire hazards which she asked the owners to correct. She re-inspected the homes and found 23 of the hazards had been corrected. Also, she persuaded her father to correct fire hazards on his farm. He farms 700 acres of which he owns 160.

Martha Jean is in her senior year at Mason City Community High School. She has been active in 4-H work for over eight years.

## Planning Training School For Co-op Linemen Next Summer

A "hot line" school for co-op linemen will be held next summer on the campus of Southern Illinois University at Carbondale.

Facilities will be provided to handle up to 90 linemen during the school which will last one week and include instruction on proper methods of electric line work.

This was reported to the meeting of the State Association board of directors, January 20, in Springfield, by State Manager A. E. Becker. The Illinois Job Training and Safety Committee will sponsor the training course.

### Large Savings Made

A report of the group purchase committee by Howard Bell, manager of Menard Electric Cooperative, showed that by pooling purchasing

power, Illinois cooperatives have again been able to save considerable amounts in the buying of chemicals for brush spraying.

A letter from Clyde T. Ellis, executive manager, National Rural Electric Cooperative Association, informed the board, that resolutions at NRECA's annual meeting, will be in the hands of voting delegates by noon of the day prior to the voting session.

The board passed a resolution requesting that the NRECA resolution committee be called into session several days before start of annual meetings so that it can give full consideration to all resolutions presented.

The board authorized Manager Becker to help coordinate the efforts of six cooperatives in the western part of the state to start a TV program over a Quincy station.

Becker reported that returns to a questionnaire he sent out, indicate considerable interest in holding a management clinic in Illinois.

Cull trees are not now salable for anything but firewood and never produce even one merchantable log.

Milking right saves time, saves udders and helps you to get more high-quality milk.



THE NEW headquarters of Corn Belt Electric Cooperative of Bloomington, was dedicated January 7. Bloomington Mayor Lloyd Welsh, and other city officials and local dignitaries, gave short talks as did several electric co-op leaders who attended the ceremonies. Co-op Presi-

dent Frank Simpson acted as master-of-ceremonies.

The co-op which serves over 6,000 members will house its general office and warehouse in the new building.

**KILL Power Failure**  
WITH YOUR TRACTOR

Why wait for a power failure. Protect your farm and family NOW with this low cost stand-by generator. Operates from tractor or gas engine, complete with approved safety switch.

**LOWEST IN COST 20 YEAR WARRANTY**

WRITE FOR FREE FOLDER TODAY!

**WIN POWER**  
NEWTON, IOWA





# Home-makers' Page

Edited by Kay Conlan

## Do You Use Your Vacuum Attachments?

Do you know that many homemakers who do own electric vacuum cleaners are not by any means getting the full benefit from them? Some use the vacuum cleaner only for such jobs as the carpets, rugs and the floors, while others do include the draperies and upholstery. However, by really using all the cleaner attachments to the utmost in many other ways in your home, you'll find you not only have a cleaner house, but that you will be far less exhausted in getting it clean.

Here are ways in which you can put your attachments to use:

**Books:** Use the soft round dusting brush for books and book shelves. On the in-between cleanings run the dusting brush down the backs of the books and over the tops (where space will allow) as they stand on the shelves.

**Carved furniture and mantels, etc:** The soft dusting brush will get the dust out of every corner and crevice as no other method can. Never apply furniture polish until you have removed this settled dust from carving—otherwise the polish will mix with the dust and form a gummy deposit.

### Cobwebs

**Cobwebs:** They can be easily suctioned into the extension tube from below. In this way they leave no smear even when soot has collected in them.

**Desk Blotters:** Use your upholstery brush tool to go over big desk blotters, with long firm strokes. You'll be surprised to see how much longer your blotter will last if it is cleaned regularly in this manner.

**Draperies:** A weekly cleaning with the upholstery brush tool will keep draperies, hangings and tapestries fresh and bright and cut down the frequency of dry cleaning or washing.

### Various Drawers

**Drawers of bureaus, vanities, desks:** Use the soft dusting brush to go over the inside of each drawer carefully. Then use the crevice tool or the end of the hose to get at any dust or dirt lodged in the corners and along the edges of the drawers.

**Fire Places:** Use the round soft dusting brush to get every bit of dust out of the carvings in the marble or out of the mortar lines between the bricks. Point the end of the extension tube into the hearth to get up every lingering bit of dirt or remains of ashes.



**WHEN CLEANING** upholstered furniture, be sure to clean the entire piece, even under the loose cushions. Short brushing strokes will loosen clinging dirt. Then do a quick change to the crevice tool and get out the dust (and moth eggs) along the seams, piping or folds in the upholstery.

**Fire Screens:** Use the stiff upholstery brush tool to get all the stray dirt and ashes clinging to your fire screen.

### Furs

**Furs:** Brushing with the upholstery brush tool will get every bit of dust and lint out of your fur coats, scarves and fur trimmed hats. This will freshen furs just out of storage and minimize the odor of moth balls.

**Hats:** Brush felt hats, inside and out, with the upholstery brush tool. On straws or fabrics, use the soft dusting brush. The dust can be removed from delicate flower trimmings by simply holding the brush or the end of the hose a few inches above the trimming—be careful not to get the tool or hose too close to flowers or the suction may pull them up into the hose.

**Heating registers or grillwork:** The upholstery or floor brush will get most of the dust clinging to your heating registers or grillwork. For any crevices or corners this brush does not reach, use the crevice tool.

### Kitchen Uses

**Kitchen and bathroom:** Point the end of the hose into your oven and in and around the burners of your

range. Crumbs and bits of food will disappear, along with any dust.

Attach the crevice tool and work it around articles on open shelves. Without moving the contents on the shelves, dust which collects around canisters, pots, jars, and at sides and back edges of shelves, etc., can be suctioned off.

Whisk up crumbs which get into corners and folds of breakfast nook chairs and benches with crevice tool, or use soft dusting brush on leatherette benches. You can either clean your toaster by suction or blowing.

### Lamps, Figurines

**Lamp bases, figurines:** Use the soft dusting brush to go over intricately designed figurines and lamp bases, where no amount of hand dusting will reach the cracks and crevices.

**Lamp Shades:** Use the soft dusting brush (make sure it is clean) to go over the inside and outside of each lamp shade.

**Mattresses and springs:** By using the upholstery brush tool the suction removes every bit of dust and lint from the tufting and rolled edges, and cleans whole mattresses.

If you have box springs, go over

them also with your upholstery brush. Coil and link springs may be cleaned by blowing out the accumulated dust with the blower attachment. Place a piece of slightly dampened paper under the bed. The dust which is blown out will cling to the paper, which can then be rolled up and disposed of easily.

**Moldings over doors, windows, picture frames:** Use the upholstery or floor brush tool, with the two extension tubes (one of which is curved) to clean ledges over doors and windows, wood paneling, high mantels, tops of picture frames and similar surfaces.

### Pillows

**Pillows:** Brush your pillows with the upholstery brush. However, do not use vacuum tools on down pillows unless these have an inner case to protect down from being pulled out.

**Records:** If dust has collected on your phonograph records, run the soft dusting brush over them lightly. The dust will be removed without any risk of scratching the record.

**Upholstered furniture:** With your upholstery brush, clean the entire surface of your sofas and chairs, whether they are upholstered or have slip covers. Then attach the crevice tool, and get deep into the crevices and folds of the chair, where moths like to lay their eggs.

### Venetian Blinds

**Venetian blinds:** Adjust the venetian blinds so the upper side of each slat slants toward the room. Run the dusting brush tool of your cleaner across each slat. Then adjust the blind so the slats slant in the opposite direction, exposing the under side of each slat, and clean as before. Run the soft brush up and down tapes, or use the upholstery brush on these.

**Waste baskets:** Point the hose of your cleaner into your waste baskets to get out any dust which doesn't drop out when you empty the basket. Also, the suction will get at the dust in between the strands of wicker and rush baskets.

**Wood floors:** Use the floor brush tool to loosen and remove surface dirt, and to remove dirt from cracks between the floor boards as no other method can.

**Wool coats, suits:** The stiff upholstery brush is wonderful for brushing clothing, since it completely disposes of the dirt and dust as you work. Moths can't cling to garments cleaned regularly in this manner.



# New Ideas For The Handiwork Fan . . .

## Here Is A Group Of Free Patterns to Keep Needles, Hooks Busy

If you enjoy handiwork, like most other homemakers, you are undoubtedly always on the lookout for new ideas and patterns. From our list of eight free pattern leaflets available this month, perhaps there is something you would like to order.

As always, our pattern leaflets are yours just for the asking. You may order one, three, or all of them if you wish. All you have to do to get the patterns is to check the ones you wish on the Pattern Order Coupon. Then for every three patterns you order, enclose a clearly SELF-ADDRESSED and STAMPED envelope so that we may mail the patterns to you.

1. **PINEAPPLE DOILY**—big and beautiful . . . this lovely doily measures 16 inches in diameter and is composed of 10 pineapple clusters surrounded by spider-web chain loops.

2. **CROCHETED PILLOW COVERS**—the 14-inch square pillow is crocheted in the interesting shell stitch. Geometric designs in contrasting colors beautify these round pillows measuring 15 inches in diameter.

3. **DUCK FAMILY**—Mama duck and her little ducky all prepared for winter. Both are crocheted of white wool with orange bills and black wings. A delightful toy for a child.

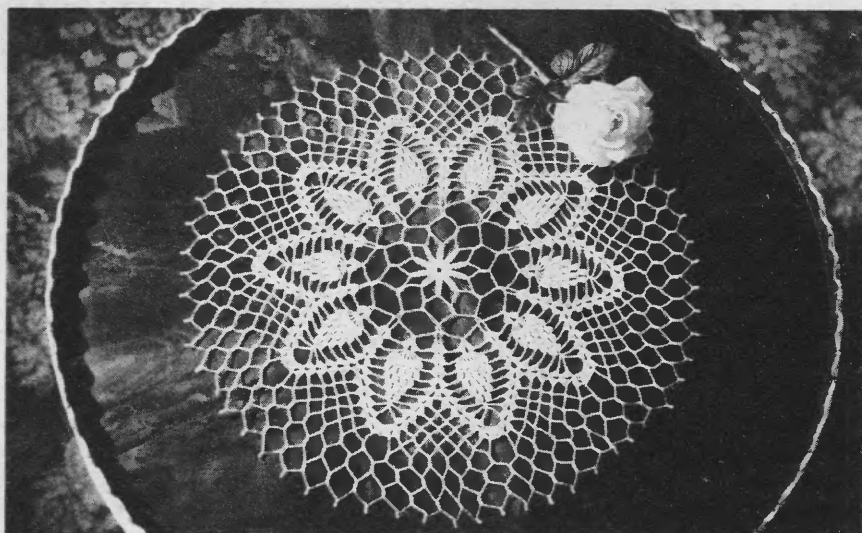
4. **CROCHETED DRESS** in sizes two, three and four. The bodice is done in a small herringbone stitch, and the skirt in a dainty, shell stitch. Four pearl buttons trail down the bodice and meet a glossy satin sash tied in a full bow.

5. **POTHOLDER SET**—the cocky rooster is crocheted in solid black and will stand out impressively against a solid color wall. The two square potholders carry out the wrought iron effect in the graceful scroll trim which is also done in black.

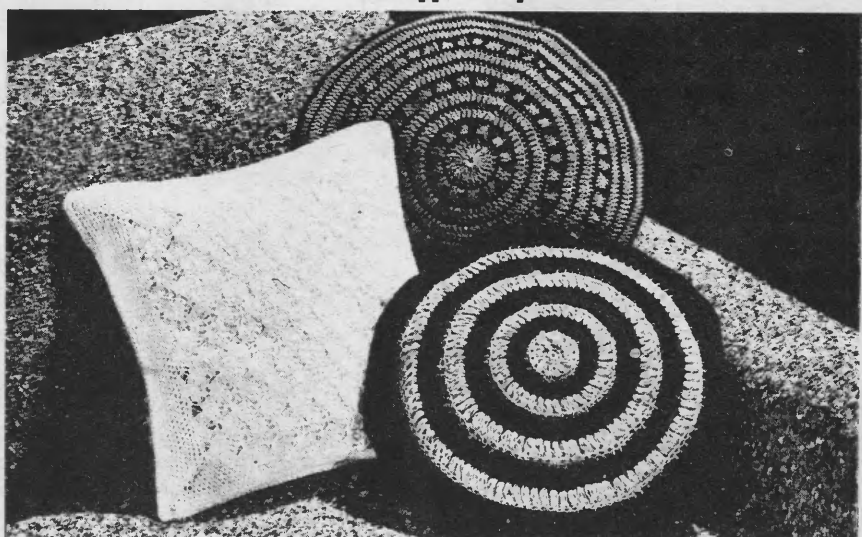
6. **POM PON PAIR**—the white wool bonnet and neck-hugging ascot are done in single crochets. Fluffy pom pons in a bright color dangle at the back of the hat and at both ends of the ascot.

7. **SKIRT AND STOLE**—in sizes two, four and six. Any mother who can sew a straight seam can make this outfit for her daughter by following simple, illustrated instructions on the pattern. The stole has pockets of a solid color at each end.

8. **HAT, BAG AND COLLAR SET**—a trio that's quick and easy to make. The bag and hat are crocheted in a striped effect with scroll trim and the little rounded collar is also trimmed with graceful scrolls.



Pineapple Doily



Crocheted Pillow Covers



Duck Family



Crocheted Dress



Potholder Set



Pom Pon Pair



Skirt And Stole



Hat, Bag And Collar Set

### Pattern Order Coupon

Kay Conlan  
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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.)

- |                               |                               |
|-------------------------------|-------------------------------|
| 1.....Pineapple Doily         | 5.....Potholder Set           |
| 2.....Crocheted Pillow Covers | 6.....Pom Pon Pair            |
| 3.....Duck Family             | 7.....Skirt And Stole         |
| 4.....Crocheted Dress         | 8.....Hat, Bag And Collar Set |

My name is .....

Address .....

Comment (if any) .....

.....

.....

This coupon EXPIRES FEBRUARY 28, 1955. Orders must be postmarked by that date.



# Cake . . . For Those Special Occasions On Your Calendar

If you have a special occasion coming up—a Valentine Party, Dad's birthday, a mid-season graduation, an engagement or bridal party, or even just your turn for "club"—you can count on cake to solve your "what to serve" problem. In keeping with the mood of the occasion, a beautiful cake also provides an attractive centerpiece for your party table.

## Valentine's Day Cake

- 2/3 cup butter or margarine
- 1 1/2 cups sugar
- 3 well beaten Eggs
- 3 squares melted chocolate
- 1 teaspoon vanilla
- 2 cups sifted cake flour
- 1 teaspoon soda
- 1/4 teaspoon salt
- 3/4 cup buttermilk

Cream butter, add sugar gradually and blend. Add eggs, chocolate, and vanilla. Add sifted dry ingredients and milk alternately. Turn into two nine inch oiled cake pans and bake in a 350° F. oven for 35 minutes or until done. Frost with peppermint flavored fluffy frosting, tinted pale pink.

## Fluffy Peppermint Frosting

- 2 egg whites
- 1 1/2 cups sugar
- 1 1/2 teaspoons light corn syrup
- 1/3 cup water
- 1/8 teaspoon salt
- few drops oil of peppermint

Mix ingredients, except peppermint flavoring, in top of double boiler. Cook over boiling water, beating constantly, for seven minutes or until frosting is desired consistency. Add oil of peppermint and red vegetable coloring to make a delicate pink. For special Valentine's Day touch, add candy hearts and nosegays made with lace paper doilies, small flowers, and satin ribbons.

## Marble 'Graduation' Cake

- 3/4 cup butter or margarine
- 1 3/4 cups sugar
- 3 cups sifted cake flour
- 3 teaspoons baking powder
- 1/2 teaspoon salt
- 1 cup milk
- 1 teaspoon vanilla
- 5 egg whites
- 2 squares unsweetened chocolate
- 1/4 cup sugar
- 3 tablespoons hot water
- 1/2 teaspoon soda

Cream butter, add sugar gradually and cream together until light and fluffy. Add sifted dry ingredients in thirds alternately with combined milk and vanilla, beginning and ending with dry ingredients. Fold in egg whites which have been beaten until stiff but not dry. To one-third of the batter, add melted chocolate combined with remaining ingredients and allowed to cool slightly. Place batters

by alternating spoonfuls into nine-inch square pans which have been lightly oiled on the bottom and lined with plain paper. Bake in moderate oven, 375° F., for 25 to 30 minutes, until cake begins to draw away from sides of pan.

When cake is cool, spread Nougat Filling, made as follows, between layers. Combine three-quarter cup sugar, one-quarter cup cake flour and one-eighth teaspoon salt, and add three egg yolks, slightly beaten and one cup water. Add mixture to two squares unsweetened chocolate, melted, and cook over hot water for about 10 minutes, until thick, stirring constantly. Add one-half teaspoon vanilla and one-quarter cup chopped nuts. Cool. Frost cake with Fluffy or Seven-Minute Frosting, decorating with swirls of melted unsweetened chocolate.

## Refrigerator Cheese Cake

Crumb Topping: Combine two tablespoons melted butter, one tablespoon sugar, one-quarter cup finely chopped nuts, one-quarter cup graham cracker crumbs, one-quarter teaspoon cinnamon and one-quarter teaspoon nutmeg. Line bottom of eight-inch spring form pan or an eight or nine-inch square pan with waxed paper. Press crumb mixture in bottom of pan.

## Cheese Cake

- 2 envelopes unflavored gelatine
- 1 cup sugar, divided
- 1/4 teaspoon salt
- 2 eggs, separated
- 1 cup milk
- 1 teaspoon grated lemon rind
- 3 cups (3 8-ounce cartons) creamed cottage cheese, sieved
- 1 tablespoon lemon juice
- 1 teaspoon vanilla
- 1 cup heavy cream, whipped

Combine gelatine, three-quarter cup of the sugar and salt in top of double boiler. Beat egg yolks and milk together; add the gelatine mixture. Cook over boiling water, stirring constantly, until gelatine dissolves and mixture thickens, about 10 minutes. Remove from heat. Add lemon rind. Cool. Stir in sieved cottage cheese, lemon juice and vanilla. Chill, stirring occasionally, until mixture mounds slightly when dropped from a spoon. Beat egg whites until stiff, but not dry. Gradually add remaining one-quarter cup sugar and beat until very stiff. Fold into gelatine-



Valentine's Day Cake

cheese mixture with whipped cream. Turn into prepared pan and chill until firm. Invert on serving plate. Carefully remove waxed paper. Garnish with Maraschino cherries if desired. Makes 10 to 12 servings.

## Chocolate Mint Cake

- 4 squares unsweetened chocolate
- 1/2 cup hot water
- 1/2 cup sugar
- 1/2 cup butter
- 1 1/4 cups sugar
- 1 teaspoon vanilla
- 3 eggs
- 2 cups sifted cake flour
- 1 teaspoon soda
- 1/2 teaspoon salt
- 2/3 cup milk

Have all ingredients at room temperature. Melt chocolate in top of double boiler over hot water. Add the one-half cup hot water and stir until thickened. Add the one-half cup sugar and cook two minutes longer, stirring constantly. Cool to lukewarm.

Cream butter well; add the one and one-quarter cups sugar gradually, beating until light and fluffy. Add vanilla, then eggs, one at a time, beating well after each addition. Add sifted dry ingredients alternately with milk, beginning and ending with dry ingredients, and beat until smooth. Add chocolate mixture, stirring only until mixed.

Pour batter into two round nine-inch layer pans, lined on the bottom with waxed paper, then oiled. Bake in 350° F. oven for about 30 minutes. Cool slightly on cake racks, remove from pans and spread with Seven-Minute Frosting tinted pink or green and flavored with peppermint. Grate two squares of chocolate and sprinkle in border around top edge of cake.

## Lemon Upside-Down Cake

- 16 to 20 lemon slices (about 4 lemons)
- Pecan halves
- 3/4 cup honey
- 3 tablespoons butter or margarine, melted

Peel lemons, cut into thin slices and arrange with pecan halves in a greased eight by eight inch baking dish or pan. Mix honey with butter and pour over lemon slices. Spread cake batter evenly over lemon-honey layer and bake at 350° F. for 40 to 50 minutes. When done, let stand on cake rack for five minutes. Turn upside down on serving plate. Top with lemon sauce.

## Cake Batter

- 1 1/4 cups sifted all purpose flour
- 1 1/2 teaspoons baking powder
- 1/4 teaspoon salt
- 3/4 cup shortening
- 1/2 cup sugar
- 1 egg, beaten
- 2 teaspoons grated lemon peel
- 1/2 cup milk

Sift together flour, baking powder and salt. Cream shortening and sugar together thoroughly. Add egg and beat until fluffy. Add grated lemon peel. Fold in flour and milk alternately. Pour batter over lemon slices, and bake. (If desired, white cake mix can be used. Add one teaspoon grated lemon peel to batter.)

## Lemon Honey Sauce

- 1/2 cup honey
- 2 tablespoons flour
- 1/4 teaspoon salt
- 1/3 cup water
- 1 egg, separated
- 2 tablespoons butter or margarine
- 1 teaspoon lemon peel
- 1/4 cup lemon juice
- 1/4 cup honey

Combine half cup honey, flour, salt and water and bring to a boil. Cook for five minutes. Beat egg yolk slightly and add to sauce together with butter; cook for another minute. Remove from heat and cool until lukewarm, stirring occasionally. Add grated lemon peel and lemon juice. Make a meringue of the egg white and remaining one-quarter cup honey; fold into the lemon sauce.



Marble 'Graduation' Cake



Refrigerator Cheese Cake



Chocolate Mint Cake



Lemon Upside-Down Cake





**PRETTY BONNIE** Bunch waves good-bye as she boards train for Atlantic City where she will compete for the title of Miss Rural Electrification of 1955, February 14, with other state beauty queens from all over nation.

high grade pigs, well greased, were released in a pen for 4-H-ers to "catch for keeps," providing both fun and profit.

Bonnie's first catch formed the basis for her beef and pork enterprise. She raised the female pig to sowhood, sold the sow and litter of pigs, and used the proceeds to buy a

## Greased Pig Helps Send Beauty Queen Thru College

**B**ECAUSE a golden haired Calhoun County farm girl caught a greased pig during a 4-H club achievement day contest five years ago she is able to finance her college education today.

That girl is Bonnie Bunch, pert 18-year-old blue-eyed blond freshman cheerleader at Southern Illinois University, Carbondale.

Just now Bonnie is looking forward to competing at Atlantic City, February 14 for the title, "Miss Rural Electrification of 1955." She qualified for the Atlantic City trip by winning the "Miss Illinois Rural Electrification" title in Springfield last September at the convention of the Association of Illinois Electric Cooperatives.

### Appear Before 5,000

At Atlantic City, she will be vying for the national beauty crown with state queens from all over the nation. The contest is one of the feature attractions of the annual convention of the National Rural Electric Cooperative Association, which represents over 900 electric cooperatives and 3 1/2 million members in 42 states and Alaska. The meeting will be February 14-17.

The contestants will be interviewed by judges and make bathing suit and formal gown appearances in the huge Atlantic City auditorium before about 5,000 rural electric co-op representatives.

Being a queen isn't exactly new for Bonnie, who is modest about her accomplishments.

"Making friends and meeting peo-

ple are my chief hobbies, I guess," she admits with a sparkling smile.

### Won Fruit Queen Title

In September, 1953, Bonnie was crowned Miss Illinois Fruit Queen at the state fruit festival in Murphysboro, where she competed as Calhoun County Apple Queen. As state fruit queen Bonnie represented the Illinois fruit industry during the past year at conventions, presented bushels of apples and peaches to Illinois Governor Stratton, and appeared on some 20 television shows promoting fruit.

During four years at the Calhoun Community Unit District No. 40 high school in Hardin, seven miles from her home town of Kampsville, Bonnie was picked by fellow students as most popular one year, and as most athletic another. She was graduated last spring.

Catching a well-greased, squealing, 40-pound pig wasn't a picnic but it was riotous fun, she recalls. That was while she was a high school freshman and busy in 4-H club activities in the home neighborhood near Kampsville—population, 450. She was active in 4-H clubs five years as a member of the Merry Maids sewing group and the Pleasant Dale Workers agriculture club.

### Start of 4-H Project

There was more than just the fun of participation behind the greased pig catching episode. Bonnie wanted a pig to start a 4-H club achievement project. Pig scrambles were a regular feature of the annual 4-H Achievement Day event in Kampsville. Ten

registered Hereford heifer. To stay in the hog business Bonnie caught a greased pig in each of the next two annual "scrambles", thus expanding her enterprise.

Her present livestock holdings include a cow and heifer, a sow, eight pigs, and a gilt. She expects the income from her livestock to go far in seeing her through four years at Southern Illinois University. She wants to teach women's physical education in high school when she graduates.

### Wins Scholarship

A \$100 scholarship from the Sphinx Shrine Club was awarded to Bonnie for her first year at SIU.

Bonnie's parents, Mr. and Mrs. Paul Bunch, grain and livestock farmers, are looking after her animals while she is away. The Bunch livestock enterprise includes some 30 head of beef cattle and 100 head of hogs. Corn and soybeans comprise the chief grains produced. After years of rental farming the family recently purchased a neighboring farm and moved to the new location January 1. It includes a six-room house electrically served by rural electric co-op lines.

Student activities of an athletic type always have appealed to Bonnie. After being a cheerleader in grade school and all through high school it was no difficult task for her to win a place among the SIU cheerleaders.

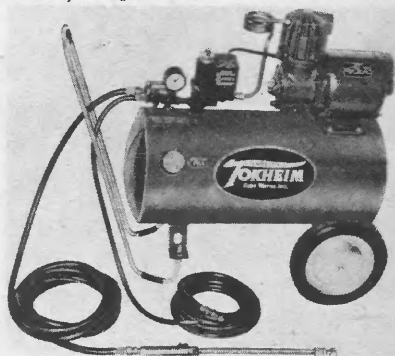
## What's New?



A single compact electrical unit which provides both hot and cold running water under pressure, includes a complete water system, pressure tank for cold water, and a 12-gallon hot water heater. Made by the Dayton Pump and Manufacturing Company, the unit retails for \$159.50 for shallow well models, and \$169.50 for wells as deep as 70 feet. It can be installed in an hour's time, by connecting it to the well, hooking it up electrically, and priming.

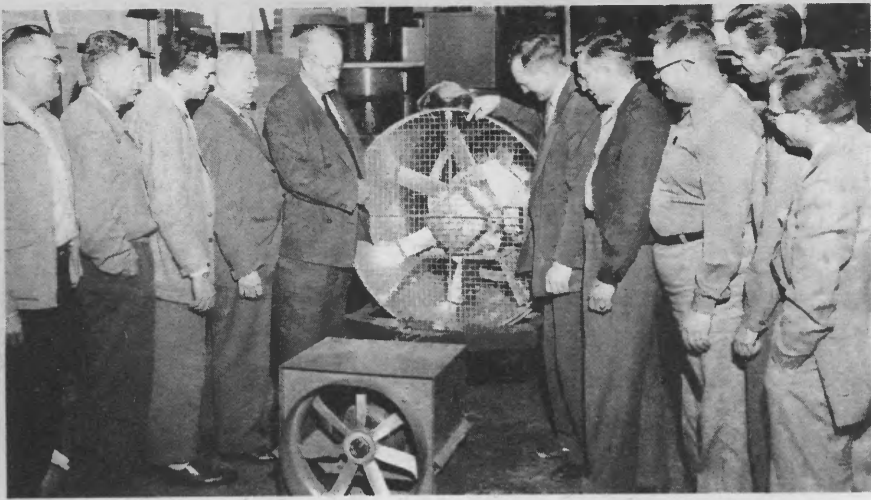


This is a portable dryer-heater, which tumble-dries lingerie, hose, towels, or can be used to warm bathrooms on chilly days. Mothers find use for it in the nursery, or for drying hair. It has a timer-switch. Currently being tested by the UL, the dryette is made by the Tibbits Manufacturing Company, Alliance, Ohio. Price, is \$59.95.



A new air compressor, which converts in a jiffy from air power to spray power, or from sprayer to compressor, stands ready to spray insecticides, weed killers, or to supply air power for greasing, dusting, and dozen of other farm chores. Model prices begin at \$91. The Tokheim Corporation of Fort Wayne, Ind., makes the compressor.





POWER USE advisers from the southern Illinois electric cooperatives attended a four-day crop drying clinic, January 18-21, at the offices of the Tri-County Electric Cooperative in Mt. Vernon.

The clinic was sponsored by the Illinois Farm Electrification Council and was held to acquaint the co-op personnel with crop drying fundamentals so that they in turn may be able to assist members with their hay and grain storage problems.

A similar conference is planned for February 8-11 for personnel from central and northern Illinois co-ops.

It will be held at the office of the Corn Belt Electric Cooperative of Bloomington.

Those pictured at the Mt. Vernon meeting are: (left to right) Roy Morris, Wayne-White Counties Electric; Virgil Miltenberger, Southern Illinois Electric; Ora Snider, Egyptian Electric; E. C. Collier, Rural Electrification Administration; Dan Teare, Rural Electrification Administration; Frank Andrew, University of Illinois; Carl Mitchell, and Warren J. Hubbert, Norris Electric; Robert Vander Pluym, Clinton County Electric; and R. E. Robinson, Egyptian Electric.

## Dixon-Yates Contract Facing Strong Opposition In Congress

By Cooperative News Service

Securities and Exchange Commission attorneys okayed the first step in financing the Dixon-Yates power plant at West Memphis, Ark., last month. But, Congress is putting some heat under the contract itself.

Senator Clinton P. Anderson (N. Mex.), new House-Senate atomic energy committee chairman, promised the group would look into the Dixon-Yates deal and other power contracts the Atomic Energy Commission has signed with private firms.

He said there's no chance of a compromise between those who favor the Dixon-Yates contract and its opponents. Two other members of the committee also spoke out against the contract.

### May Rescind Waiver

Congressman Chet Holifield of California said it's likely the group will rescind its waiver of Congressional review, passed last November, under Republican leadership, which by a 10 to 8 vote said that the contract need not lie before Congress for 60 days, as the law requires.

### Survey

(Continued from page 9)

The committee expects the survey results to help solve the problems of supplying enough electric power to meet future demands of farm use. Power suppliers will then be able to plan their future expansion so that the power will be ready for use when it is needed.

## Home Lighting

(Continued from page 10)

The Nitelighter is designed for 110-volt, 60 cycle, AC operation and it will carry a maximum of 300-watts.

Model 6501 (illustrated) is for indoor use only. That is, it must be protected from the weather, although it can control an outside light operated from an indoor switch.

This model is listed at \$15.95 and can be bought in Chicago from Marshall Field Company. Information about the control can be obtained from Harris-Hanson Co., 5506 South Kingshighway, St. Louis 9, Mo., or from the manufacturer, Fisher Pierce Company, 170 Pearl Street, South Braintree, Boston 85, Mass.

## Milk House

(Continued from page 10)

### Keeps Room Warm

The lamps also do a good job of keeping the room warm. "A couple of mornings when I came out here, the outside temperature was down to 10. It was 28 degrees inside the building. But, within a half-hour after I turned on the lamps, the temperature was above 35 and still climbing," he relates.

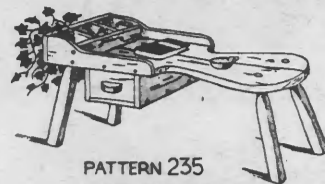
Schindler figures the two lamps cost him just a little over \$3. He paid another 70 cents for the fixtures. With wire and switch the total cost was still less than \$5. He is a member of Jo-Carroll Electric Cooperative of Elizabeth.

Your cows may get mastitis from injuring their udders on high steps at barn entrances or slippery stall platforms or from lying on cold floors or in wet bedding or wading through deep mud.

## IN THE HOME WORKSHOP

with RUTH WYETH SPEARS

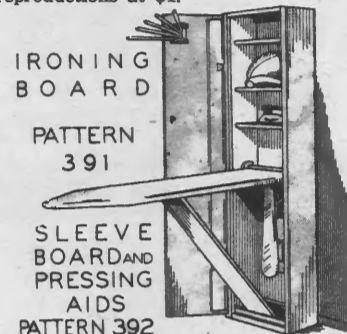
MAKE A COBBLER'S BENCH  
COFFEE TABLE OF SOLID PINE



PATTERN 235

### COBBLER'S BENCH

Modern home furnishing schemes frequently attempt to capture the atmosphere of by-gone times. This may take the form of reproductions of Early American furniture or the standard equipment of hand craftsmen such as a cobbler's bench. The design shown above follows in exact lines and proportions those used a Century or more ago. As this piece may have a prominent place as a coffee table a close-grained wood of cabinet-makers' grade should be used. The pattern for making this reproduction gives the saw lines for the simple curves with sizes of the various parts. The assembling directions are shown in three-dimensional sketches. Pattern 235 is 25c and is included in the packet of Early American reproductions at \$1.



IRONING BOARD

Whether you live in a used house or are planning a new one, a place should be found for this cabinet to hold ironing and pressing equipment. With this cabinet complete as illustrated you are ready in ten seconds to do any job of ironing or to press a garment that is in the process of making. Directions for the cabinet and ironing board are on pattern 391. Large diagrams and one-two-three directions for making the small board and hamshaped cushions which tailors use when pressing sleeves and the shoulders of garments are all on pattern 392. These patterns are 25c each and will be mailed the day order is received. For first class mail delivery add 2c, or 5c for air mail for each pattern ordered.

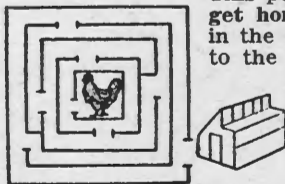
Order Patterns from  
**WORKSHOP PATTERN SERVICE**  
Illinois Rural Electric News  
Bedford Hills, New York

## 2,500 SPECKLED ROMAN CHICKS FREE

We want to get our "Speckled Romans" and Super-Line HY-BIRDS tried out for heavy egg production and high livability. Only folks like yourself are being invited to have some fun helping this little hen get home, so I'll know who to send the 2,500 No. 1 Mating chicks to this spring in trial flocks of 100 each **AT NO COST.** (Choice of Champion White Leghorns or Hollands also given.)

You are not obligated in any way and every member of the family can have great fun helping. Try it! Then return your puzzle path with the coupon.

### CAN YOU HELP THIS HEN GET HOME?



This poor little hen is lonesome and wants to get home into a nice warm house. It is now in the center of the yard and is trying to get to the house by going around the fences and through the gates. Can you help it? Just draw a line from the chicken to the house along the path for it to follow so that it does not cross a fence, then cut out the puzzle and send it to me with the coupon.

**EASY RULES:** It costs nothing to enter this interesting contest. Just draw a line for the hen to follow to the house, without crossing a "fence." The first 25 winners receive 100 No. 1 mating chicks in a choice of Speckled Romans or Super Line Hy-birds. Duplicate prizes paid in case of final ties. All correct answers will be awarded a credit certificate on 100 chicks. Tying entrants will be required to finish the following sentence in 20 words or less, "There is money in raising top layers because." All completed entries also automatically entered for June 15, 1955 Grand Sweepstakes prize to customers of nationally advertised Deep Freeze or 1-ton home cooling system or 21 inch Television set or Automatic Washer and Dryer or Dish Washer. Decision of the judges will be final. Entries judged on correctness and originality. All entries must be post-marked before midnight May 28, 1955, and winning entrants will be notified promptly by mail. List of final winners will be mailed to anyone upon request if 5c is enclosed for mailing costs.

**RUCKERS CHICKENS,** 165, Ottumwa, Iowa or 365, Mason City, Iowa



**BARRED HOLLANDS**  
White egg laying heavy breed males are used to produce Speckled Romans.

**SPECKLED ROMANS,** the sensational, white egg layers are a cross of 2 great WHITE EGG Breeds (Barred Hollands x White Leghorns) and are so good you'll have to see them live and lay to believe it. Healthy, hardy, non-broody and light eaters. Preferred by many to full inbred crosses or R.O.P. purebreds. Great for regular farm flocks or commercial egg producers.

Send in your path puzzle right away and get your share of these new white egg laying beauties that have poultry raisers singing their praises.

Mrs. Ann Davies  
RUCKERS CHICKENS, Dept 165, Ottumwa, Iowa,  
or Dept. 365, Mason City, Iowa.

I am enclosing the path puzzle.

Name .....

Post Office .....

RFD ..... State .....

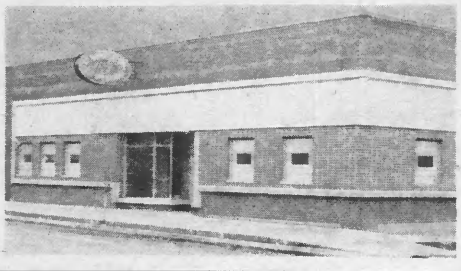
Check here if you want to have us send you our 1955 Catalog and Poultry Book. No Obligation.



# YOUR CO-OP NEWS COLUMN

## News From MENARD Electric Co-op

Petersburg  
Howard O. Bell, Manager



The 18th annual meeting of members of Menard Electric Cooperative will be held at the high school gymnasium in Petersburg on Saturday, February 5. Registration will start at 10 a.m. and the meeting will be called to order at 10:30 a.m.

This meeting is held for the purpose of electing directors, reviewing reports covering the past year's work, voting on proposed amendments to the by-laws and transacting such other business as may be necessary.



H. O. Bell

Three directors are to be elected at this meeting to represent the areas near Easton, Ashland and Illiopolis. For your entertainment, the Vera Pearl Kemp Ensemble of Bloomington, will furnish the musical part of the program and group singing will be under the direction of Dillard Worner of Manito, with Vera Herman as accompanist.

### MAIN SPEAKER

Dr. Hilton Ira Jones of Wilmette, will be the speaker for the afternoon. Dr. Jones is a distinguished chemist, psychologist and author. He is a fascinating and popular speaker, whose word pictures of the possibilities of modern science are not only thrilling but astounding.

Heading his talk as "Peeps At Things To Come," Dr. Jones will tell of what is happening in the world we live in and why science is altering the very fabric of our life. He will illustrate his talk with platform demonstrations.

Arrangements have been made for a convenient place to purchase your lunch. The ladies of the Menard County Home Bureau will again serve lunch in the basement of the Lutheran Church which is adjacent to the gymnasium.

A gift will be presented to the first 1,000 persons registering and at the close of the meeting a large group of attendance awards will be distributed. We plan to close the meeting by 3:30 p.m.

### OFFICE REMODELING

Remodeling work on the office headquarters building is practically complete and we were able to move in on January 12. Six months were required to do the remodeling but to most of us it has seemed like six years.

Having our records back in our own vault is a real treat. We never realized how much our vault was used until we were deprived of it. Then it was almost like having your well go dry.

We are sorry that we will not be able to show our office on annual meeting day. I am sure you will understand why. We cannot be at two places at the same time. You will be notified when an open house

day has been selected but in the meantime, we will welcome your visits.

### NEW SUBSTATION

The steelwork on the Poplar City substation has been erected but construction has not yet started on the 6.6 miles of transmission line needed to serve this station. The A. S. Schulman Electric Co. of Chicago, has been awarded the contract for the construction of this line.

It is planned to be completed by May 1. This station will serve the Kilbourne, Bath, Havana and Forest City area.

## News From CLINTON CO. Electric Co-op

Breese  
Joseph Heimann, Supt.



**TELEPHONE NUMBERS**  
From 8:00 a.m. to 5:00 a.m., Monday through Saturday, call Breese 76. To report Line Outages or any other emergencies before or after office hours, call Ernest Becker, Breese 69. Robert Vander, Pluym, Breese 278. Robert Hintz, Shattuc 24R2. Joseph Huelsmann, New Baden 88-3262. When reporting an outage first check with your neighbors to see if they have lights, if not report it as a line outage. Keep this list near your phone or in your phone directory at all times.

The free installation of electric clothes dryer is about to end. February 15, 1955 is the closing date



J. Heimann

of this program. If you want to be eligible for this free installation you must purchase the dryer on or before the 15th of February. No free installation will be made on any dryer purchased after that date. Act now, before it's too late. Make washday a pleasure with a new electric clothes dryer!

### APPLIANCE SURVEY

In the very near future all our co-op members will receive an appliance survey card. This card will list only the major electrical items most frequently used on the farm today. We hope all you members will cooperate 100 per cent by returning your card properly marked to the co-op office as promptly as possible. This information is needed by the co-op to make further studies of future line, substation and transformed capacities. All information received from you is filed as confidential material, and used only for co-op studies of line improvements. Please cooperate as you have done in the past and return your cards. This information is very

## News From RURAL Elec. Conv. Co-op

Auburn  
Ralph V. White, Manager



Office Hours—7:00 a.m. to 4:00 p.m. Monday through Friday, also the first two Saturdays of each month. Outage reports during office hours should be made to Dongola 79-R-3, after office hours to Dongola 39-R-20 or 74-R-30. Members in Metropolis area call Metropolis 3100 or Tom Willis, Round Knob Exchange.

Your meter reading date is stamped on the card you receive each month. Your cooperative needs your cooperation in observing this reading date. Estimated bills always add confusion to the member and often a misunderstanding that is difficult to straighten out.

### METER READING DATES

The dates for meter reading are the 12th and 20th of each month.

If your last name begins with a letter A through K in the alphabet, your meter reading date is the 12th. If your last name begins with a letter L through Z, your reading date is the 20th.



R. V. White

The readings must be in the co-op office within five days of your reading date. This would be the 17th or the 25th depending upon your reading date. If the reading is not in by the deadline, an estimated charge is posted to your account.

Then your reading cannot be used, as each day's business must be closed at the end of the day. You then pay the estimated charge. The next month when your reading is received, an average is taken and you will be charged accordingly.

### ADDED FEE

This charge sometimes may make your bill higher, and it nearly always creates a misunderstanding. If a reading is not received for three consecutive months, a cooperative employee will read your meter. A fee of \$3 is then added to the regular billing.

If you should fail to receive a card, occasionally one may be lost in the mail, place your reading on a postal card, and explain that no card was received. Your cooperative will mail you a bill of the amount due.

When you are not going to be home during your reading period, please notify the co-op office and make necessary arrangements.

\* \* \*

If your payment for electric service is not in the cooperative office within 10 days of your meter reading, 10 per cent is added to the net bill. You can save this by making payments on schedule each month.

### BILLS NOT SENT

Your cooperative does not send out bills. When you receive your meter card, read the meter immediately so that it doesn't slip your mind. To avoid further responsibility, it is just as easy also to figure your kilowatt-hour consumption, refer to your rate chart for the amount and remit the same just as soon as your card is received.

Occasionally a member will report that no bill was received. This is just a reminder that bills are not sent out unless estimated or delinquent. Please do not expect a bill for your electric service.

### CLOTHES DRYER

Do weather conditions affect your wash days? Do you enjoy hanging out clothes, lugging out heavy

necessary to us, so necessary line improvements can be made as load demand increases.

### ADEQUATE WIRING

Is your farm adequately wired to meet the demands of today's uses, or is it still the same wiring installed 10 years ago? If so, it would be very wise to have a competent electrician check your wiring today, and then let him make all necessary changes. The co-op is doing everything possible to give you adequate regulated voltage at the meter pole at all times, but we can't correct the trouble in your wiring system.

All the wiring on your farm is your property, and must be corrected by you. Overloaded wiring, which is very common on the farm these days, is not safe and inadequate to operate your home appliances satisfactorily.

Make the inspection of your present wiring by a good and competent electrician a must in 1955!

### OPERATING REPORT

Miles energized	737
Revenue per mile	30.34
Connected members	2106
Density per mile	2.86
Average bill per farm	9.61
Average kwh per farm	372
Average kwh per member	408

### NEW APPLIANCES

Clothes Dryer—Clarence Schumacher, Frank Terry, Edward Voss, Clarence Wellen, Edward Santel, Martin Johnson, Ferd Tebbe, James Stein. Home Freezer—Alvin Beckemeyer. Television—Charles Boeker, Ray Pigg, Alvin Beckemeyer. Mixmaster—Lee Tate. Toaster—Lee Yardley. Frying Pan—Carl Hintz. Stock Tank Heater—Ray Pigg. Automatic Milk Pipeline Washer—Charles Boeker.



baskets of wet, soggy clothes? The wind and sun then does not treat your wash kindly. Perhaps, as often is the case, some of your washing gets on the ground.

An automatic electric clothes dryer eliminates the problem of weather variability. An electric dryer produces uniform and fine drying of clothes regardless of weather conditions.

\* \* \*

For only a few cents each wash day, you can eliminate the back breaking drudgery of hanging up clothes. Even if you dry in the basement, and are not totally dependent on the weather, these clothes dry unevenly and they seem to take forever to dry.

An automatic electric clothes dryer will dry a washer of clothes in a few minutes time. Total time of course depends upon fabric, etc. Instruction on drying time are furnished with each dryer.

A little experience will give you the correct drying time until it will just be habit. The electric clothes dryer is a great asset to any laundry.

#### SURVEY

You will receive your February meter card in an envelope. With your meter card, will be an appliance survey card. Please help your co-op help you by filling out the survey card and returning it to this office. No stamp is required. You don't even have to sign your name, but please return the card.

Merely check the appliances listed that you have and return it. Even if you have given a list of appliances recently, we still need the cards.

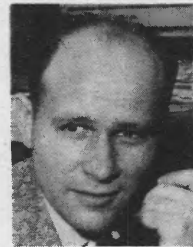
A violin is constructed from about 70 different pieces of wood.

## News From SOUTHEASTERN Electric Co-op

Eldorado  
Thomas Clevenger, Manager



The employees of Southeastern believe in the co-op way of working together to get things done. In 1951 they organized an employee credit union where co-op employees could save through a payroll deduction plan or could borrow at reasonable interest rates to buy things needed to establish a better standard of living.



T. Clevenger

The credit union operates on many of the same basic principles as a cooperative. It is a non-profit association of members having the common bond of interest of employment by the co-op. Any employee of the co-op is eligible to become a credit union member.

#### ENCOURAGES THRIFT

The credit union has grown until over 90 per cent of the employees of the co-op are credit union members. It has encouraged thrift through systematic savings and by providing an opportunity for members to obtain a good rate of interest on their savings.

It has enabled employees to borrow from the savings of their fellow workers at reasonable interest rates

and save considerable amounts on installment purchases.

As a result, many employees have been able to better their standard of living and have many conveniences which they might otherwise be unable to afford. The credit union has financed such things as automobiles, appliances, furniture and hospital bills.

#### PROUD RECORD

It is proud of the fact that no member has ever become delinquent on a loan and that even former employees have continued to meet their obligations to the credit union promptly. We feel that this is a tribute to the high character standards of our employees.

The cooperative's board of trustees has heartily endorsed the credit union idea, recognizing that by maintaining a good standard of living for their employees, they can attract and keep the technical and skilled personnel needed to furnish the best possible electric service.

#### REASONS WHY

Most of you understand why your cooperative is merchandising. This program was set up to encourage members to use electric appliances and to give the best service possible.

The only reason your cooperative has been able to keep the rates at their present level is because a large part of the members have made full use of the power available to them.

Private utilities have taken the easy way—raising rates to bring in more revenue. Your cooperative chooses to increase load by a more painless method—encouraging the use of every electric appliance possible; thus giving the member a chance to make home chores easier, save money and at the same time, help their cooperative in the fight to hold rates down.

#### ORGANIZE GROUP

The employees of Southeastern Electric have taken another step forward to better employee and public relations. In December, an employees' group, similar to the above mentioned credit union, was organized which has a common bond of interest among all employees.

The activities of this group fall under three classifications—social, welfare, and recreational. The social activities include employees and family parties, such as annual picnics, Christmas parties, and other activities of interest to the entire group.

The welfare activities include a flower fund that is used in case of death or hospitalization of employees or their families to send flowers, magazines, newspapers and possibly other small attentions that may be helpful.

Also there is a visitation committee whose purpose is to visit the sick.

#### RECREATIONAL

The recreational activities consist of a planning committee whose job is to arrange entertainment for all social functions.

The planning and financing of this new group will be done by the employees. There is a voluntary yearly dues which goes to finance all activities.

The board of directors consists of nine employees elected by all five

co-op headquarters. These directors meet once each month, but when planning special activities, may meet as many times as necessary. No meetings are held during office hours, however.

\* \* \*

The first activity sponsored by the group was the Christmas party held December 23, at the Eldorado headquarters building. Although there wasn't much time for preparation, the party was a huge success with over 300 in attendance, which shows that by working together, things can be accomplished.

Their future plans are to build a lodge, possibly near a lake, so that swimming, boating, and sports may be enjoyed by the entire group.

We feel that with the spirit and initiative of all our employees, perhaps even greater things can be done. This is what has made our co-op what it is today. The members not only tried it, but did it, and we feel sure our employees can, too.

## Rural Homemakers—

(Continued from page 3)

With three growing children and a hard-working farmer husband, "We don't have any trouble getting rid of the food," she chuckled. "But, that's one nice thing about having a freezer. You can keep ahead of a hungry family's appetite," she smiled.

The thing Mrs. Earnest likes best about her home freezer is that, "Fresh fruit seems to retain its color and flavor longer frozen, than canned." Then to prove her point, she took us down into the basement, opened the lid of her freezer, took out some cherries and invited us to have some.

#### Tops Canning

There's no doubt frozen food beats canned food for flavor. It also tops canning. "You get away from the hot, hard work in the kitchen during canning time," she explained.

Summed up, this is what rural homemakers liked about their home freezers: "They're convenient and handy, eliminating many trips to and from town. They provide a super market right in your own kitchen. They enable you to prepare your meals ahead of time. And, lastly, they make fresh foods taste better."

## Washington Report

(Continued from page 2)

If the Dixon-Yates contract is jammed through, it will require a transmission connection across the Mississippi River to the private utility plant proposed at West Memphis, Ark., and nearly 25 per cent of the TVA budget is allocated to this purpose.

#### Speculation on TVA

There is speculation about President Eisenhower's budget message on TVA, when he said TVA should pay interest. TVA supporters have long pointed out that TVA returns to the Treasury, in addition to repayment of the cost of power facilities, a 4 per cent profit or interest payment on its power investment.

This surplus, interest, profit or whatever it is called, has been pointed out to President Eisenhower many times.

## News From JO-CARROLL Electric Co-op

Elizabeth  
Charles C. Youtzy, Manager



#### TELEPHONE NUMBERS FOR OUTAGE CALLS:

Office: Monday through Fridays from 7:30-4:00 p.m. & Saturdays till NOON. Elizabeth 10.  
Evenings, Sundays & Holidays:  
Robert J. Wand—Elizabeth 83R27  
Ralph J. Smuck—Elizabeth 171  
Harry Ehrler—Elizabeth 168

In the near future you will receive a questionnaire on the appliances you have in use. We hope you will complete this form and return it to us. This survey will help us determine the transformer size and size of wire that you should have. Also, it will aid us in planning the future growth of the project.

By doing this we can keep ahead of voltage trouble instead of waiting until it catches up with us. In order to do all of these things we need the cooperation of all you members, so please fill out your questionnaire when you receive it.

#### WIRING CHECK

Let's start out this year by having that wiring checked and by making the necessary changes. As you know, improper wiring can cause your light bill to be high and also may cause fires.

#### CLEARING WORK

Our clearing crew has been busy

clearing right-of-way for the new line from the new substation east to Mt. Carroll. We are changing much of the old existing line and attempting to put it all along the road in order that it can be maintained properly.

In case of trouble repairs it can be reached more easily and the line can be put back in operation much faster. Our construction is temporarily held up because of a shortage of poles, these poles were to have been shipped about 30 days ago but at the present date they have not arrived.

\* \* \*

A District 1 meeting was held Monday evening, January 10, at Sterling. This meeting was attended by Clayton Dittmar, Boyd Handel and Earl Walker, directors of this cooperative.

#### PENALTIES

It may be of interest to some of you who are in the habit of not meeting the deadline of the 10th of the month for payment of your bill and the 27th of the month as final date for return of your meter card to know that these oversights cost you last year an amount of \$1,089.17, which had to be assessed as penalties.

This represents an amount equaled to the use of 54,458 kilowatt-hours. Let's put forth every effort to eliminate this excessive penalty figure by having your payment in the mail in ample time to reach this office by the 10th of the month and by not failing to send your meter reading each month.



C. C. Youtzy



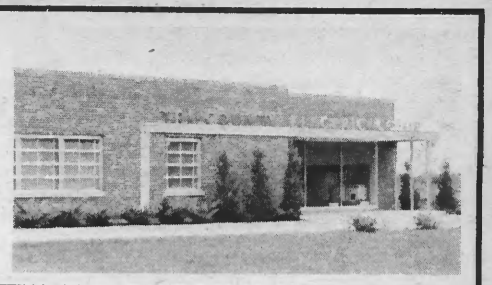
## News From EASTERN ILL. Power Co-op

Paxton  
T. M. Brady, Manager



## News From TRI-COUNTY Electric Co-op

Mt. Vernon  
H. G. Downey, Manager



### TELEPHONE NUMBERS FOR OUTAGE CALLS

Office—8 a.m. to 5 p.m. except Saturday. Report all outage calls during office hours to 185 Paxton. After office hours, call the following nearest number:

Tony Barbieur, Paxton 595  
Kenneth Slater, Paxton 576  
Arthur J. King, Paxton 271-J-X  
Donald Sharp, Paxton 740  
Jesse Fiets, Gilman 159  
Evan Petersen, Gilman 235W  
Don Allison, Hoopeston 462  
Dennis Rhodes, Hoopeston 1244  
John Dorsey, Cropsey 56  
George Popejoy, Cropsey 53R2  
Virgil Farris, Watseka 1227  
Howard Gustafson, Watseka 614

In case of an outage, check to see if your neighbors have service. If not call collect 185 Paxton. If your call is not accepted you will know that the report of the outage has already been received and that it is being taken care of.

Dear member: The 18th annual members' meeting of your cooperative will be held at the Paxton Community High School on Tuesday, March 15, at 12 o'clock noon. We would like to have as many of our members attend this meeting as possible.



T. M. Brady

We will have a very good speaker and very good musical entertainment. Reports will be read at the meeting and the election of the directors will take place at that time. Please remember that the meeting will be March 15, at 12 o'clock noon. We hope to see you then.

### PROVING FAITH

Each and every day, millions of rural electric member-owners are proving their faith in our democratic heritage. From coast to coast, rural electric systems just like our own cooperative prove again that democracy works.

You see, like many other thriving enterprises, your cooperative has a lot of owners, namely you who are the consumers. And following the democratic principles of one member, one vote, your rural electric is operated on an equal basis for the owners.

## Rural Co-op

(Continued from page 5)

itself as a member of a much larger community than Eldorado because it serves 12,000 members in eight counties.

"But we must have a headquarter's town and when the town goes out of its way to make it easier for us to do business, it helps all of our members."

### Points to Cooperation

Clevenger pointed to the "wonderful cooperation that Eldorado gave us last summer during our annual meeting. They just couldn't do enough for us. The merchants took booths as did several other local organizations. They ran concessions, provided free movies and transportation for the children. The local newspapers went all out in giving us publicity.

"We're happy to be a part of this community. When a community feels so well towards our organization, it makes us want to live up to that high regard," the manager asserted.

It's democracy in action. As members, owners and consumers, you elect your board of directors, men who you think best represent your views.

### COURAGEOUS OUTLOOK

February 12 is Abe Lincoln's birthday. Near Vincennes, Ind., stands a statue of Abe Lincoln driving his oxen westward into the new land of Illinois. His face gives forth a courageous, kindly confidence.

Lincoln kept those traits all of his life . . . as he moved forward even when presiding over a Nation which seemed to be falling apart.

The danger from international Communism is great, but great also were the dangers our Nation faced in the past. We firmly believe that if we, like Abe Lincoln as he went into Illinois, move ahead confidently we cannot fail.

If we fearfully try to do no more than cling to what we have, the boldness of America will be lost. We may find ourselves clinging to an ice cube which melts all the faster as we cling to it more fearfully.

\* \* \*

We believe we should all dedicate ourselves to making our community a better, more prosperous, more productive place for all of us. That will make us a bulwark against Communism from within and equip our armies for any battles which may come from without. As a locally-owned, locally-controlled business, we resolve to continue moving ahead toward that goal.

## News From EDGAR Electric Co-op

Paris  
Maurice Johnson, Manager



Mailing Address: 219 N. Main St., Tel. 3-4145.  
Office Hours—8 a.m. to 5:00 p.m. Monday through Friday. Office closed on Saturday.  
In case of interrupted service at any time. Dial 3-4145.

We want to remind you and urge you to set aside Saturday, February 26. This is the date of your annual meeting. It will be held at the Paris High School Gymnasium.

Therefore, we have ample room and seating capacity to accommodate all of you members. To get all of you out, of course, would be wishful thinking, but it is a pleasant thought.

We do want as large a representation as possible, since a great deal of business is to come before this meeting. No doubt you are not aware of it, but just 150 members represented in person or by proxy at this meeting constitutes a quorum.

As an added inducement, the electrical appliance dealers in our territory have contributed several small appliances. These appliances and a clothes dryer, including the free installation of the clothes dryer, will be presented at the meeting.



Maurice Johnson

As we progress into the new year our thoughts are to easier and more comfortable living to make our life more enjoyable and to have more leisure time. One of the items now on the market that is giving our housewives a new look on Monday morning is the electric clothes dryer and washer.



H. G. Downey

### SAVES TIME

Have you ever thought how much time and energy could be saved if your washing was done automatically? An automatic washer and dryer gives you free time and takes over the washday blues.

Anytime you have a load you can put it in your automatic washer and dryer and go on about your other tasks. This anytime can be morning, afternoon or evening of any day in the week. You will be saying "Goodbye blue Monday, or any wash day" when you own an automatic dryer.

Remember your cooperative is giving

you free kilowatt-hours if you install an electric dryer for the first time.

### LET'S DO SOMETHING

Members that received service to the meter on the pole in the early days of rural electrification used entrance cable on meter pole loops.

Constant exposure to weather has deteriorated the insulation to an extent there is a hazard in leaving the cable installed. It is endangering your service, your life and the cooperative transformer.

The time has come to do something. We urge replacement of the existing loop with a new conduit loop and the installation of a pole breaker.

If you use 700 or more kilowatt-hours per month, a minimum of Number 4 copper wire should be installed which further means 1½ inch conduit and a special base the cooperative will furnish. Your meter pole is an important part of your electrical system so give it the attention and maintenance it deserves. Our office and personnel are always ready to help with your electrical problems.

### METER BOOKS

Your cooperative is happy to report that our new meter books are saving us time and money. The members' cooperation on our new procedure of reading the meter to the nearest 0 or 5 figure is wonderful.

With cooperation like that the cooperative can't help but be a success for as we all know it's the participation by the members that makes any organization great. Thank you for your fine cooperation.

### MEMBERS' COMMENTS

"We have been real pleased with your service all year—Merry Christmas."

"Thanks for the good service in 1954—Merry Christmas."

The above are only a few of the good comments we received from our wonderful members. It's small thoughts like these that make our job more pleasant.

### REMEMBER

To know what to do is Wisdom.  
To know how to do it is Skill.  
To do a thing as it should be done is Service.

Our motto for this year and years to come is to do a thing as it should be done to give you SERVICE.

### MINIMUM USERS

Each month our attention is called to many members who are only using the minimum amount of electricity or less. If you are a minimum user, why not sit down and figure what it would cost if you used two, three or even four times as much electricity as you are using now.

By doing this you will immediately learn why so many of our members are figuring out ways of letting electricity work for them to save time and actual cost.

By using more electricity you enjoy more leisure and don't have to work so hard. Remember, it's your cheapest servant. It pays to go all-electric.

### OPERATING STATISTICS

	Nov. 1953
Miles energized	2,123
Revenue per mile	\$27.72
Members billed	7,087
Density per mile	3.33
Average bill	\$8.24
Average kwh.	277



# News From SOUTHERN ILL. Electric Co-op

Dongola  
R. T. Reeves, Acting Manager



Office Hours—7:00 a.m. to 4:00 p.m. Monday through Friday, also the first two Saturdays of each month. Outage reports during office hours should be made to Dongola 79-R-3, after office hours to Dongola 39-R-20 or 74-R-30. Members in Metropolis area call Metropolis 3100 or Tom Willis Round Knob Exchange.

On January 1, a strong wind blew a limb off a tree and tore down the neutral wire of a secondary line on a member's farm. This secondary line was carrying a voltage of 110.

Monday, January 3, a farmer working for the member unhitched a team of horses at noon and while leading them to a pond in the farm lot, one of the horses stepped on the fallen wire. This broken neutral which was laying over the hot wire was energized and the contact killed the horse.



**R. T. Reeves** One doesn't like to have accidents like this occur. It could have proved as fatal to a human. It pays to respect electricity. Don't mess with fallen power lines or limbs or trees which may be in contact with them.

See that they, or any other unsafe conditions, are reported to your co-op immediately. If there is danger that livestock or humans may come into the danger zone, stay on the job till our trained linemen get to the scene.

They won't be long in getting there once the trouble is reported. It makes no difference whether it's a holiday or Sunday report any unsafe condition as soon as you spot it. Where to call is listed at the head of this news column.

## TV VALUES

Would you like to buy a new television set at a substantial saving? Your co-op has such a bargain for you. We have several models in stock which have cabinet damage. This damage consists mostly of scratches.

There is no damage to the sound or picture mechanism. These sets will be sold under the regular guarantee and will be serviced according to your co-op service policy. These are new machines scratched in shipment or were damaged while on the show room floor.

Television provides low cost entertainment and information. It means valuable relaxation for every member of the family. If you have been wanting a good set, but felt the cost was more than you cared to put out, come into the co-op office and look over these good buys.

## CAUSE TROUBLE

In a previous issue we carried an article on the shooting of insulators which is the cause of numerous power failures. We wish to caution those who use firearms about shooting at or near the power lines.

On a recent field maintenance check of a small portion of lines, broken conductor strands were found to be the principal cause of maintenance. At one location, all within two spans of line, 13 broken places in primary conductor were noted.

These were caused undoubtedly by someone shooting at birds on the

wires. As a result, the bullets hit the wire and broke one or more of the strands. This weakened the conductor which caused a break at a later date. Also, the conductivity of the line was lessened when strands were broken, resulting in less voltage along the line.

To repair such conditions requires much work and added expense to your cooperative. The repair cannot be made on an energized line, therefore, the power must be cut off to do this work. All members should caution anyone they see shooting near the power lines the danger and expense involved to your cooperative.

## SERVICE OBSTACLES

In the operation of your co-op, outages are one obstacle with which we are confronted. These are not as severe as one might think, and due to corrective measures carried out by the co-op, they are lessening.

All members can greatly help in eliminating outages and service time lost as a result of the outages. The prompt reporting of an outage along with your line location will aid in getting service restored sooner.

# News From ILLINOIS VALLEY Electric Co-op

Princeton  
F. I. Ruble, Manager



Dear member: It is traditional for good neighbors and friends to wish each other success and prosperity at this season of the year. It is a fine tradition and the management and employees of your cooperative emphasize this wish to our members and friends now and for the years to follow.



**F. I. Ruble** We even wish to go further than that, we also want to give you our pledge "That whatever we can do to make this a better year in bringing better electric service to your premises, we shall strive to do it."

Our goal is to bring to our members the best possible service and continuity of that service. We shall work toward achievement of this goal. Sincerely yours, F. I. Ruble, manager.

## YEARLY REPORT

The management of your Illinois Valley Electric Cooperative releases at the close of each year, a report to its members and others, interesting data and facts concerning operations over the 1,250 miles of distribution lines in Henry, LaSalle, Bureau, Knox, Marshall, Putnam, Stark and Kendall counties.

The report this year indicates service was furnished at the average demand of 430 kilowatt-hours per member, per month over the entire year. Indications are for a still higher average during the next 12 months.

Your cooperative during the past year received a loan of \$755,000 to

The reporting of unsafe conditions on the lines is important as they may not be found until they cause outages. Examples of some unsafe conditions are trees about to fall into lines, broken limbs, cracked insulators, slack or loose wires, thick brush which needs spraying, and broken or rotten poles.

We definitely need your help in this matter as the cost of hiring the necessary personnel to patrol the lines and clear out these conditions is prohibitive. Many members are cooperating in reporting these potential outage causers.

## ALERT MEMBERS

During the last year our records show we had 59 outages due to broken limbs and trees falling into the lines. This would have been much higher had it not been for alert members reporting hazardous tree conditions which were removed before they caused an outage.

Outages due to limbs, trees and brush are rapidly on the decrease, thanks to you members. One important factor is the willingness of members to grant permission to cut down trees which are too close to the lines.

Every tree that is cleared from the lines insures you of more continuous service, lessens cost of maintenance for your co-op and increases revenue, which is needed to pay off your co-op obligations.

## LINE LOCATIONS

B 130D  
E-36A  
C21 Pole 74B

and C. N. Hollerich, attorney, Spring Valley.

Director Horton is also a member of the Association of Illinois Electric Cooperatives board of directors and represents the three rural electric cooperatives in District 1.

## MAKE PROGRESS

Substantial progress has been made to improve existing lines, clearing right-of-way under lines and a determined effort to maintain continuity of service to the homes of members. This has all added to the continued success and progress of the Illinois Valley Electric Cooperative during the year.

Favorable publicity by the press, radio stations, and individual county farm news letters have helped much to keep members and others informed regarding your cooperative's progress and efforts toward successful operation over the area served.

A planned program to provide for the increased use of electricity on the farm and definite improvements over the entire system are among the immediate plans of your directors and operating personnel for this year.

Members of the cooperative are urged to inspect the wiring on their own premises for overloaded circuits and undersized wires that are no longer adequate to handle the increases in the appliances and equipment load now in use or planned for the coming year.

This is imperative if you desire maximum service from your present appliances or from those you plan to purchase.

## HEAT LAMPS

February and March seem to be the two months when members have used heat lamps for pig brooding. March and April and the first part of May are used for brooding chicks. From members and others interviewed, heat lamps appear ideal for auxiliary heat and their installation nominal in cost.

The recommended installation is to use only porcelain sockets and a heavy duty rubber cord with the bulb and fixture suspended by a chain or wire. Do not hang it by the rubber cord alone.

The red infrared pyrex bulbs, while costing slightly more than the clear glass, give added protection.

"Farming changes—and so do the qualifications of a good farm hand. Brawn and endurance were once his big tests. But today they're outweighed by the need for skill, experience, and technical knowledge."

Knox, a soft winter wheat, and Pawnee, a hard wheat variety, came through with outstanding yield tests in the state this year.

Your Cooperative Office Address is 430 S. Main Street, Princeton, Telephone 3-1331.

Office hours—8:00 a.m. to 5:00 p.m. Monday through Friday, closed all day Saturday.

TO REPORT OUTAGES AFTER HOURS—Princeton Area: Milford Jontz, Line Supt. Telephone Princeton 2-2072 or Floyd Christiansen Maintenance Foreman Telephone Princeton 2-6302; Stanley Ballard, Maintenance Lineman Telephone Princeton 3-5813; Leonard Siford, Phone 3-3753, Princeton.

TO REPORT OUTAGES AT ALL TIMES IN—Galva Area—Lester Register, Maintenance, Telephone Galva 504-J  
Ottawa Area: Jack Lewis, Maintenance, Telephone Ottawa 2987-R-3 Farrel Brooks Phone 2423-L, Ottawa  
NOTE: Members in Galva and Ottawa areas please try to report trouble to your maintenance man before calling Princeton.

carry on an extended program of re-phasing lines, building additional tie-in-lines, enlarging present substations and installing voltage regulators in the substations.

We also intend to increase sizes of individual member transformers, where needed, and improve headquarters facilities. This loan will be used over a three-year expansion period.

In September the 15th annual meeting for members was held and three members were elected to serve on the board of directors each for three-year terms. Members elected were Asa Gorden, Cambridge; Erich Hepner, Kewanee, and Clarence Peterson, Putnam.

The other six members serving on the board of directors are Upton Craig, president, Victoria; Ray H. Jackson, vice-president, Elmira; Mrs. Edith Kays, secretary, Ottawa; Mrs. Eileen Slingsby, treasurer, Utica; Roy E. Horton, Princeton, and Harold Carr, Hennepin; F. I. Ruble, manager





breakage. It is also added protection have wire netting below the bulb bowl and part of the fixture for fire prevention.

**LET US FACE IT**

The next three months contain a possible threat of disruption in electric service to our members. Your cooperative is in a definite sleet belt which constitutes a hazard toward the continuity of service to your premises, in the event that a sleet storm hits our distribution system. During the past summer our maintenance men have patrolled the lines and numerous overhanging limbs removed as well as other right-of-way hazards. Hardware tightened and other potential hazards have also been checked.

However, we do have to face facts and here are two reminders: If a sleet storm hits our system (all or partial) and causes limbs on trees to fall into the lines, breaking or sagging them, stay away from these wires and keep others away, notify your cooperative office in Princeton or if you are in outlying areas notify your maintenance men in Galva or Ottawa. (See box; top of this column.)

Discussing outages: If the electricity does go off, check first to learn if it is your own premises (by checking with your neighbors you can also learn if the outage is general), then report outages as given in foregoing paragraph.

**CARE OF FREEZER**

If the outage should be prolonged (you probably can determine how long by the weather conditions and degree of damage) do not worry about the contents of your home freezer.

These cabinets are well insulated and will preserve your food from spoiling for some time. The freezer should be kept closed to maintain lowest temperature and insure proper food protection.

*News From*  
**WESTERN ILL.**  
**Electric Co-op**  
Carthage  
Lee Leonard, Manager



Office Hours—8 a. m. to 5 p. m. through Friday; 8 a. m. to 12 p. m. on Saturday. Telephone 84—Carthage. In case of interrupted service, outside of regular office hours, call one of the following numbers: Lee Leonard, Carthage, White 560. Clarence Hutchins, Carthage, Black 495. Luther Bennett, Carthage, Black 416. Roger Goetz, Carthage, Red 360.

It's pig and lamb brooding time again. We were pleased to note that some of our members put a notice on their meter cards indicating that they were using heat lamps for pigs. We appreciate this information because we then know the reason for the increased usage.

We really are concerned when a member's consumption increases rapidly, if we don't know that he has added some equipment. We expect a seasonal use and fall in kilowatt-hour consumption, but many times when we notice a sharp increase, we send a man out to check the reading and talk to the member.



Lee Leonard

Please tell us!

We would certainly appreciate very much if the rest of our members would remember to tell us the reason for any sharp increases which might occur in their kilowatt-hour

consumption. We are mentioning it at this time because it is the season for brooding, however, it might be caused by some other equipment and we would like to know about those also.

**SHOP EQUIPMENT**

This is a good time to get that equipment in order for next spring and summer. Remember how many days you lost last year because your equipment wasn't in shape?

If you remember that figure in your income tax returns for equipment repair, you will probably be looking for a way of trimming that expense bill as soon as possible. A good way to get this job accomplished is to invest in a few pieces of shop equipment.

You could probably save the cost of a welder, drill, grinder and power metal saw in a year or two. Remember, too, if you charged the trips to town and time lost to that repair bill it would be even more staggering.

**SAVE MONEY**

Pay your energy bill by the 15th and save the penalty. Read your

meter on the 25th and save your cooperative the time and expense of sending someone out to read it.

Save the 4 cents (out of town) check charge. It is no longer necessary to add this charge as the banks in Carthage no longer charge us for cashing (out of town) checks.

If you are moving, please fill out mail or bring the form below into the office. It will enable us to keep our records straight and you will be billed only for the amount of electricity you have actually used. If you move off one farm onto another without letting us know, you may be billed for electricity that the other tenant used.

Name .....
Address .....
(old)
Location No. ....
(old)
Address .....
(new)
Location .....
(new)
Date you are moving .....
Meter reading on date moved .....
(old meter)
Meter reading on date moved .....
(new meter)
Name of person moving on old farm .....
Name of person moving off new farm .....

*News From*  
**CORN BELT**  
**Electric Co-op**  
Bloomington  
T. H. Hafer, Manager



Thanks to all those who have wished our employees a happy new year. We all appreciate these thoughts from the members whom we want to serve well during the next year.

**OPEN HOUSE POPULAR**

We estimated that at least 500 people, many members and city friends of the co-op, attended our open house and dedication ceremony. We received lots of flowers from the businesses of the community and lots of compliments from all the people.

To all our members we want to say that our new headquarters building has been built for the single purpose of giving you the best electric service possible and we will use it for that purpose. Come and see it any time and get better acquainted with your employees and directors. The plaque which is to be placed on the vestibule wall will have on it the following:

"This building constructed through the cooperation of the Rural Electrification Administration is dedicated to the farm and rural people of this area to whom electricity has brought the conveniences, comforts and other boundless benefits of a more abundant life."



T. H. Hafer

**ANNUAL MEETING**

Watch for your card giving the date and time of your annual meeting which we expect to hold at the new headquarters building. It will be held on February 22.

Your co-op has two new substations in operation. One is west of Danvers, called our Lilly substation which is entirely a new location. The other is a larger station to take the place of the old Lexington station and to use current from the new Illinois Power Company 69,000 volt line. These substations are a result of your co-op planning ahead to keep plenty of power available.

**BOUQUETS**

Bouquets to a lot of people who go to Florida or California and notify us ahead of time with an advance payment on their bill so that the office does not have to wonder about whether or not to cut off service because no one is home.

Also, a bouquet goes to Mrs. Frank Maurer for reporting a low guy wire, and to John Ahrens and Ray B. Adams for reporting stopped meters.

When writing the manufacturer of a What's New product, please mention you saw it in your Illinois Rural Electric News. Thanks.

*News From*  
**ADAMS**  
**Electrical Co-op**  
Camp Point  
Dean Searls, Manager



This time of the year those who have automatic stock waterers are thankful that they have them. Those who are still hand watering wish that they did have automatic waterers.

While our winter has been comparatively mild so far, it is a big load off the farmer's shoulders for his livestock to have plenty of water available at a palatable temperature—automatically.

There are many good stock fountains on the market today and the type of installation is much more important than the brand name. Of primary importance is the location of the waterer.

Stock fountains placed in open areas will use much more current during the season than those located in sheltered spots, and of course, the ideal location is within a building or loafing shed.

**IMPORTANT PART**

Insulation plays an important part in reducing the electrical consumption. Zonolite is probably the best and most expensive insulation. Ground cobs, sawdust, etc., are less expensive and acceptable if kept absolutely dry.

Lower operating costs may be obtained, also, by setting the automatic thermostat just below the temperature of the incoming water. If the incoming water is colder than the thermostat setting the heating element will be turned on each time that water flows in the waterer.

The heating element in such a stock drink, serving a large number of cat-

tle or hogs, might be operating almost constantly.

**GROUND EQUIPMENT**

The wiring to the stock drink may be either overhead or underground so long as the livestock cannot get at the wire and chew or rub through the insulation. The frames of all electrical appliances used around livestock, whether automatic waterers, emersion type heaters, or float devices, should be connected to a driven ground rod.

For maximum protection each stock drink or heater should be individually fused as low as possible. For example: An emersion heater with a 500-watt element will draw slightly over 4 amperes; therefore, a 5-ampere fustat or fusatron is large enough to handle the load and still offer complete protection.

**OFFER PROGRAM**

Our first community meeting program of the season was presented to the Glenwood Community Club of Mendon on January 21. We have prepared the program on an educational rather than a commercial plane and it has been designed to appeal to all ages.

We suggest that you schedule your meeting as early as possible so that we can work it into our schedule. If you would like to have our program presented at your community or PTA meeting, just have your program chairman drop a note to our office in Camp Point.

A University of Illinois veterinarian says the only way to wipe out brucellosis is annual bloodtesting plus good herd management.



# JUNIOR RURAL ELECTRIC NEWS

## PEN PALS

**HI PEN PALS!**  
Ever notice that our Pen Pal section generally contains many more letters from the girls? How about it, boys! We'd like to hear from you, too. Letters for publication should be addressed to Kay Conlan, Junior Rural Electric News, Box 1180, Springfield, Illinois. Remember that all the boys and girls whose letters appear in this issue are waiting to hear from you, too.

**MAY BIRTHDAY**  
I am 17 and my birthday is May 9. I am five feet, three and weigh 136. My hobbies are outdoor sports and going to the movies. About one year ago I had a twin and would like to hear from that twin and other boys and girls around my age. I promise to answer all the letters I receive.—Patsy Redman, R. F. D. #2, Flat Rock, Ill.

**ST. CECILIA SCHOOL**  
I am 13 and my birthday is January 6. I have blonde hair and blue eyes and I am five feet, one. I go to St. Cecilia School and my hobbies are riding a bike and writing letters. I would like to hear from boys and girls between 12 and 15, and I'll answer all letters.—Rosie Detmer, Bartelso, Ill.

**LIKES SCHOOL**  
I am eight and I'm four feet, five and have dark brown hair and brown eyes. My hobbies are buttons, dolls and pennies. I like to go to school and wish they had school every afternoon in the summer. My birthday is January 30. I have a sister and a brother.—Audre Lee Harris, R. R. 2, Macomb, Ill.

**ROLLER SKATING**  
My birthday is August 31 and I'm 14. I have brown hair and hazel eyes and I'm five feet, two and weigh 102. My hobbies are collecting pictures and roller skating and going to movies. Would like to hear from boys and girls between 14 and 18 and I'd like to have pictures, too.—Margaret Joan Tangman, R. F. D. 1, Greenview, Ill.

**TOWANDA SCHOOL**  
I am 13 and my birthday is September 1. Do I have a twin? I have brown hair and I'm in the eighth grade at Towanda Grade School. I am five feet, one and weigh 104 pounds. I have two brothers and a sister. My hobbies are dancing, playing football, swimming and bicycle riding. I also enjoy horseback riding. Would like to hear from boys and girls of all ages and would like your picture.—Verna Frances O'Daniel, Box 96, Towanda, Ill.

**HAS CALF**  
I am 19 and my birthday is August 18. I weigh about 130 and stand about five feet, four inches. I have black hair and brown eyes. I live on an 80 acre farm and have a calf "Betsey" and two pigs. My hobbies are bicycle riding and writing letters. I have three brothers and three sisters. Would like to hear from girls and boys around my age and I promise to answer all letters.—John Francis Carle, Jr., R. R. 1, Oakdale, Ill.

**NEW YORK PEN PAL**  
I am 16 and six feet tall. I collect stamps and would like to hear from all stamp collectors. I have lived all my life in Illinois but we're now in New York.—Greg Greenwood, 146-18 13 Avenue, Whitestone 57, N. Y.

**HAS PARAKEET**  
I am 14, have brown hair and eyes and I'm a freshman at Pope County Community High School. I have a sister. My hobby is writing letters. I have a parakeet for a pet. Would like to hear from boys and girls of all ages and will try to answer all letters received.—Helen Parsons, Dixon Springs, Ill.

**COLLECTS RECORDS**  
I am 12 and my birthday is August 7. I am five feet tall and weigh 100 pounds. My hair is very light brown. I have two brothers, 10 and seven. My hobbies are dancing, collecting records, swimming, and cooking. I also like to write letters. I take tap dancing lessons and I have two dogs.—Judy Richards, P. O. Box 101, Okawville, Ill.

**LONE RANGER FAN**  
My birthday is July 13 and I'm 11. I have brown hair and I'm four feet tall and weigh 52 pounds. My hobbies are baseball and listening to the Lone Ranger. Would like to hear from boys and girls between 11 and 14.—Donald Lee Tangman, R. F. D. 1, Greenview, Ill.

**OUTDOOR SPORTS**  
I am 14 and I'm five feet, two and have black hair and brown eyes. I live on a 60 acre farm. My hobbies are swimming and other outdoor sports. I also enjoy hillbilly music. Would like to hear from boys and girls between 13 and 18.—Joan Thomas, R. R. 1, Olney, Ill.

**HAS FIVE DOGS**  
I am 14, five feet, four and weigh 101 pounds. I have blue eyes and dark hair, and I have a twin brother. I am a freshman in high school and live two and one-half miles west of Thompsonville. My hobbies are drawing, swimming and riding my bicycle. I also take piano lessons. I have five dogs for pets and they are very good watch dogs. I live very close to West Frankfort City lake and the 4-H camp and little girl's scout house. I would like your picture and would like to correspond with Pen Pals between 12 and 14.—Bill Adkins, R. R. 1, Box 180, West Frankfort, Ill.

**JANUARY BIRTHDAY**  
My birthday is January 14 and I am 13. Do I have a twin? I have blonde hair and weigh 92 pounds and I am four feet, 11. I go to Vergennes Consolidated Grade School. My hobbies are bicycle riding and horseback riding. Would like to hear from boys and girls between 12 and 14.—Alice Crane, R. R. 3, Murphysboro, Ill.

**HIGH SCHOOL JUNIOR**  
I am 16, have blonde hair and blue eyes and my birthday is June 8. My hobbies are reading, writing letters and going to school. I am a junior at Marion Township High School. Would like to hear from boys and girls between 15 and 18. Will try to answer all letters.—Yvonne Pulley, R. R. 4, Marion, Ill.

**MAY BIRTHDAY**  
I'm nine and my birthday is May 27. Have blue eyes and light brown hair and I'm four feet, two and weigh 55 pounds. I have three brothers and three sisters. My hobbies are baseball and football. Would like to hear from boys and girls between nine and 12.—Marshall Tangman, R. F. D. 1, Greenview, Ill.

**COLLECTS ROCKS**  
I am 11 years old and my birthday is January 31. I have a dog for a pet and I collect rocks for a hobby. I have a little sister and her name is Bonnie—Billy Earle, Box 46, Oconee, Ill.



**TWIRLS A BATON**  
I am 14 and my birthday is November 10. I have red hair and blue eyes and I am five feet, two and weigh 100 pounds. My hobbies are making new friends, singing, dancing and writing letters and twirling a baton. Would like to hear from girls and boys of all ages and would like to have pictures, if possible.—Ruby Lea Mayberry, R. R. 2, Flora, Ill.

**AN APRIL BIRTHDAY**  
I am eight and my birthday is April 23. I have light brown hair, blue eyes and I am three feet, 11 inches tall. Would like to hear from boys and girls between six and 10. My hobbies are horseback riding, swimming, camping and boxing.—Lloyd Eugene Mayberry, R. R. 2, Flora, Ill.

**LIKES CAMPING**  
I am 11 and my birthday is October 14. Have brown hair, blue eyes and I am four feet, four inches tall. My hobbies are playing ball, riding a bike, swimming and camping. Would like to hear from girls and boys between eight and 12.—James Ernest Mayberry, R. R. 2, Flora, Ill.

**HILLBILLY MUSIC**  
I am 13 and in the seventh grade. My hobbies are belonging to 4-H and listening to hillbilly music. Would like to hear from boys and girls between 12 and 18 and I promise to answer all letters. Would like your picture, too.—Veda Thompson, General Delivery, Galatia, Ill.

**GALATIA HIGH SCHOOL**  
I am 13 and my birthday is September 25. I am a freshman in Galatia High School and have blonde hair and blue eyes. My hobbies are playing baseball and belonging to the 4-H Club. I promise to answer all letters I receive and would like to hear from boys and girls between 12 and 18. I would like to have pictures of Pen Pals, too.—Patricia Karnes, R. R. 1, Box 244, Harrisburg, Ill.

## See it Saw

### DISSTON DA-211

with 9 h.p. Mercury Engine

**CUTS MORE TIMBER FOR LESS**

**LOWER maintenance cost!**

**HIGHER performance!**

**LONGER life!**

**SEE** this rugged, reliable saw cut. You'll see why it's the leader for dependable, high production cutting.

**SEE** how smoothly it runs even at top speed—without vibration or chatter. Meets every logging need.

**SEE** the many cutting attachments including narrow guide rails, 2 to 7', with fast-cutting chains.

**SEE** the light, fast, 1-man or 2-man DISSTON DO-101. For bucking, limbing, small jobs.

Dealerships available in some areas—Write for free Folder R202

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GROW MUSHROOMS. Cellar, shed. Spare, full time, year round. We pay \$3.50 lb. We paid Babbitt \$4,165.00 in few weeks. Free Book. Washington Mushroom Industries, Dept. 108, 2954 Admiral Way, Seattle, Washington.

\$35 WEEKLY addressing envelopes; instructions \$1.00. Refundable. Adservice, Spring Valley, 39EA, New York.

RAISE FUNDS for 4-H, Scouts, Camp Fire, Church, clubs. Make Money selling Peggy Ann fine candies or fresh nuts. Complete information. No risk. Peggy Ann Fine Candies, 620 Second, Des Moines 9, Iowa.

MINK AND Bred Females. Almost all types. Unconditionally guaranteed. Complete literature and pen plans free. Lake Superior Mink Farm, Superior EE, Wisconsin.

SEND OUT Postcards. Cash daily. BICORP, 143 Belmont, Belmont, Massachusetts.

EARN WHILE you learn auto and diesel mechanics. Master this top paying trade. Many graduates earn \$100 a week and up. Approved for Korean veterans. For free information write Dept. No. 264, Nashville Auto-Diesel College, Nashville 3, Tennessee.

BIG PROFITS raising earthworms. Little cost, little effort. Mail 10c for Instructive Illustrated literature to the Kaskaskia Hatcheries, R. 1, Bartleso, Illinois.

SELL RELIGIOUS Mottoes. We trust you. Send no money until you sell 'em. You make big profit. Crystal Gleam, Sidney, Ohio.

FINANCIAL INDEPENDENCE—Operate profitable home mailorder business. Meder, 550-R Fifth Avenue, New York 36, New York.

WEEKLY ADDRESSING Envelopes, Postcards, at home for National Advertisers. List of 30 companies who need Addresser's \$1.00. Fisher-B, 3213 Mission, San Francisco, California.

BE YOUR Own Boss. Sell by mail in spare time at home. Sample, details, 25¢. Dilworth, Dept. 12-1, Monkton, Maryland.

EARN EXTRA money addressing and mailing letters. \$50 per 1,000 possible. Send 10¢ for instructions. W. Root, R. 1, Mt. Carmel, Illinois.

COLORADO SPRINGS—Thinking of moving to Colorado? We have complete listings of business opportunities, motels and tourist resorts, ranches and homes of all prices. For additional information and a prompt reply write, The Littlejohn Realty Company, 122 E. Pikes Peak Avenue, Colorado Springs, Colorado.

FOR SALE: Stock Yard and Sales Barn. Does one million dollar annual business. On 40 acres. Write Kiernan Company, Whitewater, Wisconsin.

EXTRA MONEY sparetime sharpening farm discs. \$20 to \$25 daily profits. No dismantling—no moving. Simple portable machine sharpens whole disc right on farm. Free Plan explains. A. J. Foley Company, Columbia Heights, Minnesota.

MAKE BIG Money raising Chinchillas, Mink, Rabbits, Guinea Pigs or Pigeons for us. Free information. Keeney Brothers Farms, New Freedom 11, Pennsylvania.

WANTED: NUTRILITE Food Supplement agents. Hear Dennis Day's Sunday afternoon radio program. Write Mrs. Nola Sterns, R. 2, Carbondale, Illinois.

THE GREAT Cash Crop. Turn those idle acres, woods into profit. Grow ginseng worth fifteen dollars pound. Write for details. Box 615, Thompsonville, Illinois.

LIST OF ten people with money interested in backing patents or inventions furnished for \$1. Harry Geist, Rural Route 1, Dahlgren, Illinois.

MONEY FOR you. Boys, Girls, Everyone. Sell beautiful wall mottoes. Send 10¢ for complete information. Cody's, R. #1, Greenup, Illinois.

## ● Buyers

WANTED: ELECTRIC Lighting Plants 110 or 110-220 volts. Also generators. Write A. J. Conklin, 105 East Bethune, Detroit 2, Michigan.

WANTED TO Buy: 160 to 200 acre farm in Central or Northern Illinois. Alfred J. Knight, R. R. #2, Cameron, Illinois.

BUY OR sell Tea-Leaf ironstone dishes. Must be in good condition. What have you? Mrs. George Womack, Towanda, Illinois.

WANTED: HOMELITE Chainsaw. 1946 Willys Jeep. 1952 Henry J. Car. Fisher Davis Sawmill, International 10-20 Tractor. Bob W. Grubb, Beecher City, Illinois.

WANTED: LINCOLN, Indianhead Pennies. Coins, Tokens, Stamps, Collections. Best Market Prices Paid. Catalogue 25c. Brooks Coin Company, Glenrock Avenue, Malden 48, Massachusetts.

\$10.00 EACH FOR certain Lincoln pennies, Indianheads \$50.00. Send 20c for booklet showing prices paid. Lincoln Coins, D-236, Glendale, Arizona.

WANTED TO buy: All kinds of collectors' items. Send stamp for Free want-list. Collectors—list your wants with me. James Foreman, Sheridan, Illinois.

WATCHES WANTED. Any condition. Also broken jewelry, spectacles, dental gold, diamonds, silver. Cash sent promptly. Mail articles. Satisfaction guaranteed. Lowe's, Holland Building, St. Louis 1, Missouri.

WANTED TO Buy: A.K.C. Registered Puppies, from 8 weeks to 10 weeks old. Collies, Airedales, Beagles, Boston Terriers, Boxers, Bull Terriers, Chihuahuas, Cocker Spaniels, Dachshunds, Doberman Pinschers, Toy Manchester, German Shepherds, Pugs, Smooth Fox Terriers, Wirehaired Terriers, Weimaraners, Pomeranians, Scottish Terriers, Kerry Blue Terriers, English Bulldogs, Dalmatians, Great Danes, Coonhounds, and Pekingeses. Contact Biggerstaff Kennel, McLeansboro, Illinois, Route #7. Phone 27131. Will pay shipping charges.

## ● Farm Machinery & Equipment

GRIST MILL machinery, complete and excellent condition. Hammer mill with magnet and collector motor and drive. Con mixer motor controls corn sheller. Virgil Peck, Climax, Michigan.

FOR SALE: John Deere Model "60" Tractor, J. D. No. 55H 3-bottom Powr-Trol tractor plow, J. D. No. 101 one-row corn picker, J. D. No. G201 row crop cultivator, J. D. No. 4 B cylinder sheller and No. 290 two-row tractor corn planter and attachments. Machinery like new. R. V. Robertson, Sparta, Illinois.

ATTENTION—FARMERS: Re-sleeve your tractor yourself, save expensive shop repair jobs with the Perfection Puller. Low price, dependable and accurate. For information write St. Elmo Machine & Tool Company, Box 474, St. Elmo, Illinois.

INT'L 123 SELF-PROPELLED Combine, with Hart pickup, low grain tank and reel. Good condition, price \$1250. Louis Hardy, Waterman, Illinois.

FOR SALE: 2940 egg capacity electric James units like new, 6 units left \$50 a piece. Ruth E. Hildreth, El Paso, Illinois.

FOR SALE: Letz 340 roughage mill silo filler. Good as new. Two sets of knives and pipe. Stanley Hauschild, R. R. #2, Gillespie, Illinois.

DISSTON CHAIN Saws—Before you buy, see it saw. Trade your old saw in on a new Disston. Sales and service—new and used. Write for free literature. Hanseman's Gun Shop, N. Beech Street Road, Centralia, Illinois. Phone 9491.

CYLINDER HEADS rebuilt. Tractors, trucks, diesels. Cracks repaired, completely machined, pressure tested, ready to install. Chapin Cylinder Head Company, Phone 3, nine miles west of Jacksonville in Chapin, Illinois.

GARDEN TRACTORS \$100.00. Complete 3 horse. Also 48" mowers for all garden tractors. Universal Manufacturing Company, 324 West Tenth, Indianapolis, Indiana.

BUY SURPLUS Farm Tools, Machinery, Truck, Jeep etc. Direct from Government. Send \$1.00 for Government Surplus Bulletin, Box 213Y, East Hartford, Connecticut.

SHINGLE AND Siding Seconds. 3-in-1, and Windlok Shingles, \$5.00 to \$6.45 per square. Insulated Siding, \$9.35 per square. 20 colors. Sub dealers wanted. John Oppy, Watseka, Illinois. Phone 745-R-2.

NEW TRACTOR-DRAWN wheel-type ditchers. Digging speeds from 18" to 15' a minute. Depth up to 5'. Sold for less than half the price of the most popular field ditchers. More information write Ohio Ditcher, Inc., New Bremen, Ohio.

7½ GALLON STAINLESS steel milking machine pails \$22. New vacuum pumps \$55. Write for price list on files. William Reid, 2271 Clybourn, Chicago, Illinois.

ONE ROW Plant setters for strawberries, tomatoes, cabbage, etc. Used \$40.00 while they last. F.O.B. Felchla Farm Orchard Supply, Centralia, Illinois.

GARDEN TRACTORS, 3 horse, \$100 complete. Also rotary mowers for all garden tractors. Universal Manufacturing Company, 324 West Tenth, Indianapolis, Indiana.

ATOM FENCE Controller. Will not short on green grass or brush. Need no insulators on wood posts. Money refunded in 15 days if not satisfied. Operates from 110 volts. Two years guaranteed. \$17 postpaid. C.O.D. also Fisher Products Company, R. 3, Dept. I. R., Owosso, Michigan.

OLIVER 99 TRACTOR, 1952 model, A-1 condition, starter, lights, pto-pulley, hour meter, heat houser. Earl Eheart, Piper City, Illinois.

MCCORMICK DEERING Hi-Load for International M or H tractor. Practically new. Price \$200. Edwin Markus, Route 3, Metropolis, Illinois.

## ● Farms, Real Estate

FARMS IN central Missouri, all sizes, prices reasonable. Write for free list. Contact C. L. Parks, Broker, Cole Camp, Missouri.

WRITE For Free List of Central Minnesota farms. Dziubinski Real Estate, First National Bank Building, Little Falls, Minnesota.

BLACKBELT DAIRY and cattle farms. No snows, 10 clovers and grasses. \$6.20 for milk. George D. Knight, Selma, Alabama.

GOVERNMENT LAND, Homesteads Leases. 170,408,160 acres vacant, public land 24 Western states. Information; area by states, homesteading, lease, 5-a tracts, minerals, latest laws, Vet preference, etc. \$1.00. Lands, Box 503, El Reno, Oklahoma.

FOR SALE: 113 acre farm five miles south of Xenia, Illinois. Five room house and barn. On all weather road. 80 acres tillable. 22 acres timber. One-half mineral rights. Terms if desired. Price \$7000. Foster Kiger, Johnsonville, Illinois.

MODERN SEVEN room house located corner lot, 952 Fourth Street, LaSalle, Illinois, for sale. Garage. Phone La Salle, 1684 W.

FOR SALE: Modern house with three acres ground. Four miles from Salem. Good Road. Loyd Black, Route 4, Salem, Illinois.

120 ACRES IMPROVED, Washington County. 92 Cultivation, 28 Pasture and timber. Netting fenced. Set good buildings. Electricity, water, all weather roads. Possession, \$21,000. Write or see owner, Herbert Beck, New Baden, Illinois.

465 ACRES, COMPLETE set of good buildings, electricity, 280 acres plowed, 185 acres hay and pasture, woven wire, land level, river runs by farm, gravel road, \$18,000. John Dyke, R3, Little Falls, Minnesota.

21 ACRES ON the Columbia. Two wells, 2 br. house. Ideal for sprinklers. \$3500. J. B. Gessner, Paterson, Washington.

BLACKBELT DAIRY and Cattle Farms. No snows. 10 clovers and grasses, all year grazing. George D. Knight, Selma, Alabama.

ALABAMA FARMS and Timber land. Various sizes. Long growing seasons. Write Luther Fuller Farm Agency, 304 Watts Building, Birmingham, Alabama.

FOR FLORIDA Ranches, Groves or Homes contact J. H. Holben, Realtor, Lake Wales, Florida.

FOR SALE: 66 acres, rich land, five room house and outbuildings like new. Within quarter mile oil well. 5 miles northwest of Mt. Vernon. Contact Judy Fisher, Route #2, Mt. Vernon, Illinois. Death reason for selling.

FOR SALE: Stock or dairy farm. Priced to sell. Good water, lots pasture land, 70 acres bottom. Write for particulars. David Orr, R. 3, Elizabethtown, Illinois.

FOR SALE: By owner 80 acre farm. Eight mile NE Fairfield, Illinois. Five room house, 30 x 36 foot barn and other outbuildings. On good gravel road. School bus passes door. Plenty water. Priced for quick sale. See or write Everett E. Puckett, R. 2, Fairfield, Illinois.

60A LEVEL, IMPROVED, 34x64 ft. good house, big good barn. Electricity, water, shade, good fence, improved road. Eight miles of Mt. Vernon. Walter Fairchild, Route 3, Mt. Vernon, Illinois.

## ● Livestock

REGISTERED SHORTHORNS for sale. One very stocky bull 1 year old. Will like him when you see him. Other young bulls coming on later. Also heifer calves. Prices reasonable. Clint Logan, Louisville, Illinois.

GOOD FEEDER Pigs. Vaccinated, castrated and wormed. Stafford Pig Hatchery, Grafton, Illinois. Located 13 miles NW of Grafton, at Rosedale.

OFFERING CHOICE Purebred Brown Swiss Bulls. Most popular bloodlines. Splendid type from heavy producing cows. Age one to eighteen months. Farmers prices. Alfalfa Knoll Farms, Carlock, Illinois.

FOR SALE: 8 to 11 week old pigs \$12.50. All good clean pigs. Telephone 25696, Clarence Acker, Middleton, Wisconsin.

HAMPSHIRE BRED Gilt Sale. Tuesday—February 8, 1955. 75 Registered Gilts. 15 Ineligible Gilts. Meat type—Bred in production—Leaving Bloodlines. Bred for February and early March litters to service sires of superior merit. Opportunity will knock on February 8. Attend this sale. Free catalogue on request. Elmer H. Locher and Son, Hallbaner Brothers, Carlinville, Illinois, R. #6.

HOLSTEINS—CARLOTS choice Minnesota and Wisconsin tested heifers, all ages. Few choice Guernseys. Ed Howey, South St. Paul, Minnesota.

FOR SALE: Registered Angus cows and Heifers. Farmer prices. Walter Meyer, Tamalco, Illinois.

WISCONSIN'S GOOD quality Holstein and Guernsey dairy heifers and heifer calves. Any age. Will deliver any sized order on approval by truck. Ross Blott, Box 527, Mukwonago, Wisconsin.

PUREBRED YORKSHIRE fall boar pigs also two Angus bulls, one year old. Registration certificates available. Norris Schroeder, Walshville, Illinois.

PUBLIC AUCTION: Registered Berkshire bred gilts, February 14, 1 P.M. in Sparling's Furniture Auction House, Louisville, Illinois. Breeds most popular bloodlines. From top producing sows of high quality meat type animals. Catalogue in Berkshire News. For catalogue and details, write: Belmore Farm, Louisville, Illinois.

FOR SALE: Gentle, acclimated, beef-type 9 and 10 month Brahman bulls broke to lead and dehorned. Topp for Cross-Breeding. Brahman Crosses are hardy, disease-resistant, and efficient beef producers. Orchard Knoll Brahman, Cullom, Illinois. Livingston County.

FOR SALE: Registered Shropshire ewes, to lamb soon. Registered Pomeranian puppies, also Shetland ponies. J. W. McCutchan, Plymouth, Illinois.

FOR SALE: 14 Registered Polled Hereford heifers, 7 to 10 months old. Price \$125 to \$175. Domino breeding. Carl Schaher, Olney, Illinois, 4 miles south on Route 130.

FOR SALE: Polled Hereford bull calves and heifers. Hampshire fall boars and gilts. Hampshire Rams and Cheviot Rams. Eligible for registry and priced right. Best of bloodlines. Wm. McDowell, Wayne County, Goldengate, Illinois.

FOR SALE: Registered Hereford bull and heifer calves, 9 to 11 months old, polled and horned (dehorned), priced to sell. Guy W. Karraker, Dongola, Illinois.

FOR SALE: 17 Angus cows, some with calves, others to freshen this summer. 33 feeders from 300 pounds on up. Andy Vosholler, Carlyle, Illinois.

TOP QUALITY Hogs. Yorkshire Gilts, February and March farrowing. Fall boars. Registration certificates available. Knox Hirs, Jefferson County, Waltonville, Illinois.

FOR SALE: Registered Yorkshire boars and gilts. Eldon Johnson, R. R. #1, Nokomis, Illinois. Phone County 8001.

## ● Miscellaneous

OREGON FARMS and ranches in our mild Willamette Valley. Send 25c for our illustrated catalog. Kingwell Agency, Box 267, Corvallis, Oregon.

FREE 68 PAGE Catalog. Mastitis, abortion, other livestock diseases. Complete line products. Save money. Write Kansas City Vaccine Company, Dept. R-2, Kansas City, Missouri.

FISHERMEN—MAKE Your Own Sinkers at Home with our molds. Free Illustrated Booklet. Reading Instrument Company, Box I-78, Reading, Pennsylvania.

DON'T FEED sparrows! Catch thousands with Original Vail Sparrow Traps. Big cash savings guaranteed. Free particulars. Rush! Farm Service Company, Box 7921, Chicago 14, Illinois.

SEND WOOL to us for fine warm blankets. Information free. West Texas Woolen Mills, 421 Main, Eldorado, Texas.

DON'T STOP Learning! Don't stop growing intellectually! increase your word knowledge through my series of quizzes. Series A. \$1.00. Mary Winter, 120 Union Street, Bluefield, West Virginia.

WANT U. S. Gov't. Job? Men-Women, 18-55. Start high as \$350.00 month. Qualify now! 23,000 jobs open. Experience often unnecessary. Get Free 36-page book showing jobs, salaries, requirements, sample tests. Write: Franklin Institute, Dept. Y-21, Rochester, New York.

WHOLESALE MERCHANDISE 30 to 80 per cent discount. Nationally advertised Watches, Jewelry, Toasters, Radios, Cameras, Shavers, Home Appliances, Luggage, Tools, etc. All New fully guaranteed. (Catalog .50¢—refundable). Fisher-I, 3213 Mission, San Francisco, California.

BOOK-TAX Saving Plans for Farmers. Guaranteed to help farmer reduce taxes. \$1.00. Win-Jac Publishing Company, Newport, New York.

WHOLESALE! HUGE selection, famous brand products. Sensational discounts! Large catalog. Unusual business plans included. Consolidated Distributors, 21-31, Lafayette, Paterson 15, New Jersey.

CHECK YOUR land for Uranium. New Geigerscopes. \$3 each. Postpaid. Guaranteed to work. Leeway, Mountain View-10, Oklahoma.

FREE DELPHINIUM catalog. New colors; Delphinium will bloom first year from seed. Offerman Delphinium Gardens, 3019—47th SW., Seattle 6, Washington.



# Rural Exchange

Starts on  
Page 23

## Miscellaneous (cont.)

WANTED: EGGS for custom hatching, any kind, all year. Mrs. Paul Kasten, R. 2, Pana, Illinois.

## Of Interest To Women

HOME SEWING—Make money, spare time. Sew ready-cut Rap-A-Round. Easy, profitable. Hollywood Mfg. Company, Dept. 38, Hollywood 46, California.

ENJOY EXTRA Income sewing Baby Shoes, Kiddies Dresses for established markets. Wonderful opportunity if you qualify. Thompson's, Loganville I, Wisconsin.

SEW BABY Shoes at home. No canvassing. \$40 weekly possible. Write: Tiny-Tot, Gallipolis 24, Ohio.

MAKE MONEY Clipping Wanted Items From your Newspaper for Publishers. Some worth up to \$10.00 Each! Write for information. Newsdraft Publishers, RE-983-E, Main, Columbus 5, Ohio.

WANTED. HOUSEWIVES, 20 to 65 to take orders for Nationally Advertised Housewares. Generous Commissions and discounts on your own purchases. No investment on your part. For full details, write Lee Bell Company, Delton 2, Michigan.

KNOW YOUR Future. Daily Astrological Guide for 1955. Full Character, Vocational Analysis. Also, Planetary Hour Indicator. Send birthdate, \$1.00. Satisfaction guaranteed. Grason's, Dept. 12-E, Monkton, Maryland.

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