

Illinois

# Rural Electric News

August, 1956



O J FORMAN COMPANY  
502 NORTH A. ST.  
MCNOUTH ILL.  
X

## A problem that you will have to face

THE problem of adequate wiring is something like Mark Twain's description of the weather. Lots of people talk about it, but few do anything about it.

Regrettable as it may be humans

are extremely indifferent to their own safety. It seems just about impossible to get them scared about their wiring, even though it may be in dangerous condition. This indifference to safety is evident in a host of other examples. For instance, the constant bombardment of the American public to drive more carefully, has not resulted in any significant reduction in traffic accidents and fatalities. Nor do people usually go to their dentists or doctors until they are really sick.

And so it is with wiring. The farm-

he has no other choice. However, that day is not far off. Many farmers, who have invested a lot of money in expensive appliances, such as, air conditioners and television sets, have had to revamp their electrical systems to obtain satisfactory use from their equipment.

Compared to the cost of electrical equipment that the farmer is buying, the cost of good wiring is very small.

And during the next 10 to 20 years farmers will acquire such a great deal of electrically-operated machinery—everything from home heating to automatic stock feeding equipment—that they will have to modernize their electrical wiring systems.

Farmers will become so dependent on electricity in so many profit-making and labor-saving ways, that they will eventually realize that they

At present there is a definite time lag. The old wiring, installed 15 years ago when the farmer didn't think he would have much more than a few lights and perhaps a refrigerator, will not hold up much longer. Naturally, the farmer, like everybody else, didn't worry whether or not his electrical system would provide proper voltage for the television set until after he made the purchase. When the set failed to perform, then he began to wonder about the condition of his wiring, and finally did something about it because he had too much invested in television not to.

Undoubtedly, at the rate farmers are acquiring electrical appliances, the wiring needs of their homes will need revamping periodically. But they will have to improve their wiring sooner or later. And the question is, why not sooner?

THE Senate last month rejected the high Hells' Canyon bill by a vote of 51 to 41 on a roll call. Eight Democrats, all from the south, sided with 43 Republicans to defeat the legislation. Only two Republicans

## Washington Roundup

voted for the bill. They were Wiley of Wisconsin, and Langer of North Dakota.

The defeat climaxed a long and bitter fight for authorization of a federal dam on the Snake river bordering Idaho and Oregon, where the administration had already licensed construction of three smaller private power dams.

Rural electric cooperative leaders had urged passage of the bill because it would enable the area to be developed with low cost electricity. Estimates were made that federally generated power would cost 2.75 mills a kilowatt hour. Private power would be almost 2½ times as much, or 6.69 mills.

The area is close to the nation's untapped phosphate beds, which are vital to the country's agricultural fertilizer industry. Defeat of the bill may mean an increase of \$10 a ton for fertilizer to the nation's farmers.

The National Hells Canyon Association has asked the Supreme Court to halt the Federal Power Commission orders granting a license to the Idaho Power Company for construction of the three dams. This action is still pending.

A. U. S. Federal judge in South Carolina found Willie Wiredhand not guilty of the charge of infringing on the trademark of private power companies—Reddy Kilowatt.

The utilities had said that Willie was confusingly similar to Reddy and therefore had no right to exist. The judge disagreed. He said, "The two figures are not confusingly similar." Co-ops, "have not infringed any registered trade mark and are not guilty of unfair competition."

Private utilities, he said, are "not entitled to exclusive use of fanciful, animated, humanized, personalized characters symbolizing or suggesting electricity."

Willie was created by the National Rural Electric Cooperative Association five years ago. The NRECA expects private utilities to appeal the court decision.

The Senate last month, authorized a \$400-million spending program for federal construction of "approximately" four atomic power reactors to be located at Atomic Energy Commission installations.

Rural electric leaders and other proponents of the measure have labeled the bill essential to retain United States leadership in the atom-

ic power race for development of the new energy source. Opponents have claimed the bill would retard efforts of private utilities by scaring off private capital.

Power produced by the reactors will be for AEC use only, the bill stipulates. The measure will provide an atomic power yardstick which rural electric leaders have declared a must for future development.

Attorney General Herbert Brownell, who 21 months ago said the Dixon-Yates contract was "perfectly lawful" now has filed a legal brief stating that the contract was illegal from the start.

The Justice Department's brief replied to a \$31½-million claim which the Dixon-Yates interests filed against the U. S. after President Eisenhower cancelled the contract a year ago.

Not since 1951 has the government loaned as much money to elec-

(Continued on page 12)

## Our Cover

Having a wonderful time. That's easy to see from the expressions on the faces of these two young girls, as they cooperate in pulling a good-sized bass from the waters of John Junis' lake near Neponset in Bureau county. Judy Gottsche, left, is a niece of Junis and she, brought her girl friend, Danielle Hogue, along for a day of fun. Both are 11-years-old and live in Rock Island.

The lake is a dream come true for Junis, who two years ago dammed up a three-acre gully on a 60-acre piece of land that he owns. The water has reached an average depth of 10 feet.

Junis built a knotty-pine cabin on a slight knoll overlooking the site. Here he has installed cooking equipment, refrigeration and a television set. The cabin contains only one big room. The facilities are made available at no charge by Junis to any local group wishing to use them. He likes to see people having a good time. The swimming is excellent and the fishing improving.

Electricity from Illinois Valley Electric Co-op of Princeton, provides all the advantages of the modern age with those of the rustic life. Co-op member Junis owns 440-acres of farmland and feeds 300 cattle a year.

## Illinois

# Rural Electric News

VOL. 14 NO. 2

AUGUST, 1956

Published Monthly By  
Association of Illinois Electric Cooperatives  
Publication Office: 200 South 7th St.  
Columbia, Missouri

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Harold G. Marx, Field Editor

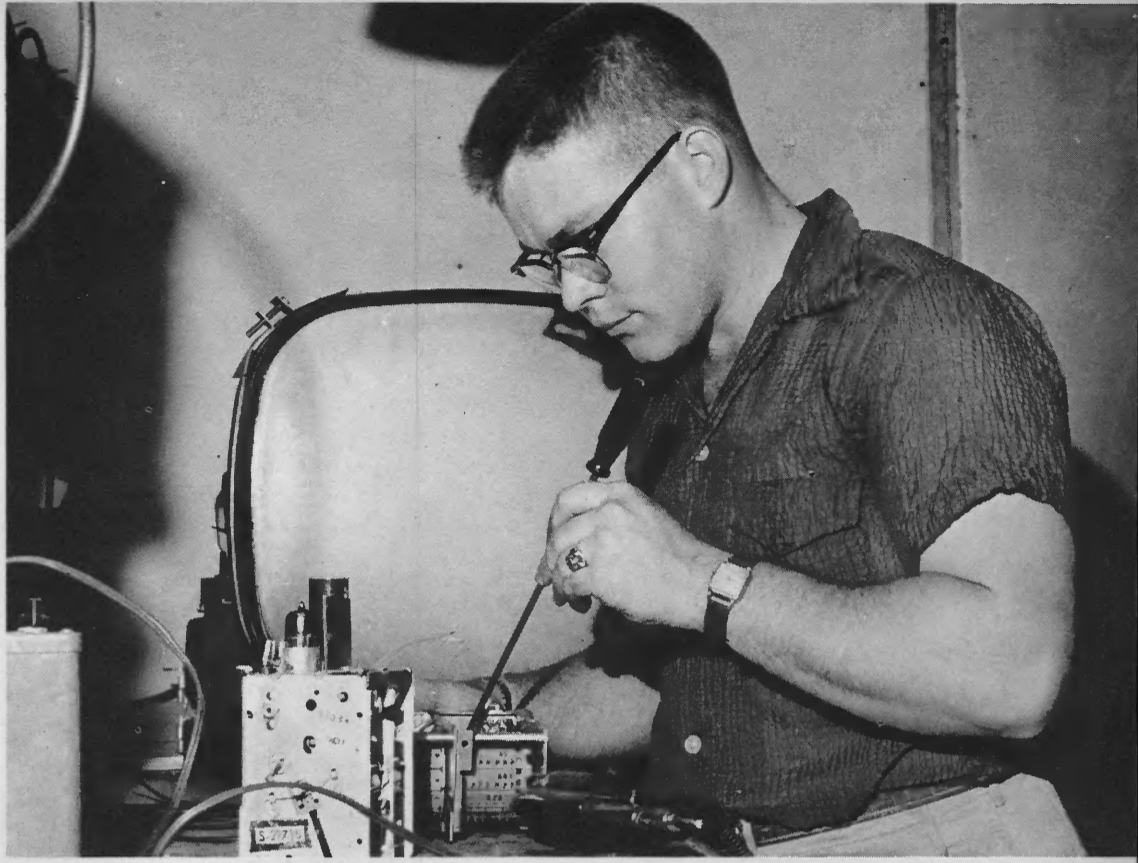
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Illinois Rural Electric News  
416 S. Seventh Street,  
(or)  
Box 1180  
Springfield, Ill.

Members, Per Year, 60 cents; Non-Members, Per Year, \$1.00; Entered as second-class matter October, 1954, at the post office at Columbia, Missouri, under the Act of March 3, 1879. Postmaster: In using Form 3579, address to Illinois Rural Electric News, Box 1180, Springfield, Ill. Please do not clip off key number.

Just out of high school, 18-year-old John Stoltz is working steady in a television repair shop in Robinson. He has his own TV testing equipment, which he built himself. Here he is repairing a TV tuner.



*His interest in electricity  
began at age of five*

AN

ELECTRICAL

## EXPERT AT 18

AT the early age of five when most youngsters' interest concerns toys or mischief, young John Stoltz took a radio apart to see what it was made of. "He didn't get it back together," comments his mother, "but he tried hard and from that day on, he was always doing something with electricity," Mrs. Stoltz adds.

When he was seven he wired a little model farm set with lights using a battery for power. And, before his parents' farm received electric service from the Norris Electric Cooperative, John rigged up a car generator with a gasoline engine and supplied light in the living room.

John is 18 years old now and just recently was graduated from high school at Olney. He would like to attend college and study electronics this fall. In the meantime, he is working full time in a television repair shop in nearby Robinson.

But, in his parent's home, near Claremont, John works on weekends in his own workshop, where he repairs radio and TV sets. He constructed a tube tester and the other equipment required in servicing TV sets.

His proud mother points out that John made a hi-fi amplifier out of discarded parts, and it has been used at several of the local community gatherings.

### Placed Second In State

An FFA member, John last year placed second in rural electrification projects in the state. And he was the first boy from the Olney chapter to get into the state finals.

Though radios were his first interest, John's background in electrical projects is varied. As a high school freshman, he earned extra money by making and selling two radios.

During the past three years he has earned extra money wiring yard lights, pump houses, outbuildings, and even a home for neighbors. In commenting on the latter work, John explains he used a three-wire, 230 volt service for the four-room house. "The co-op inspected the job and passed it, which made me feel fine," John proudly explains.

A glance at John's FFA book reveals he:

—worked part-time in a TV shop in Oblong where he helped to install around 50 television sets.

—helped wire the agriculture building at the Bridgeport High School.

—repaired sweepers, irons, toasters, lamps, fans, record play-

ers, lawn mowers, home freezers, public address systems, clocks and sewing machines.

—installed seven outlets in his own home, as well as two yard lights.

What electrical knowledge John has acquired has come from reading books and experience. According to John, "experience is the best teacher."

A soft-spoken lad, John is the first to admit he doesn't know it all. He's willing to learn, though. And besides finishing high school, John is completing a correspondence course in radio and television repair.

Confidence in one's self best describes John, who doesn't seem to be afraid of tackling anything electrical. "You've got to have confidence, or you'll fail," John matter-of-factly states.

This confidence especially helps John when he is faced with a difficult problem. For instance, a neighbor once brought him a television set which a repair shop in town had failed to fix. And John was able to put it in good working condition.

Another time John was called upon by some oil men, who were having trouble with the electrical system on an oil rig. A friend of John's sent them to the young lad, who in a short time found the trouble—a short in the fuse box—and corrected it.

### 'He Can Fit It'

His parents would never think of calling in an electrician or television man, as long as John is available. "He can fix it," his mother declares confidently.

A little on the modest side, John doesn't brag about his accomplishments. To him, it's a talent which he is both proud of and glad for. He enjoys tearing into a motor, TV chassis, or wiring job, much as another youth might enjoy playing baseball or fishing.

To John's way of thinking each of us has a talent in some field. That's all there is to it. He knows his, and plans on making it his career.

Electricity holds no fear for him, but rather offers a challenge. "I've been shocked several times," he says. And, each time, he's learned to be more careful.

This year, John again placed second in the rural electrification project work in FFA. However, his mother disagrees with the decision of the judges. "He should have won first, he deserved it. And he would have, if he had only taken more pictures and written longer reports on his work. John is a talented youngster," she asserts.

# Couldn't Afford Any More Droughts

## Three dry summers convinced this southern Illinois farmer he needed his own rain

By William E. Murray

**L**EO STADELBACHER of near Cobden spent \$4,000 on a small irrigation system last year. He is one of many southern Illinois truck farmers who has gone in for "man made" rain as insurance against drought which has plagued that part of the state in recent years.

The Union County farmer has been raising vegetables and fruit since 1919, when he was 26. Not in all those years does he recall a drought so prolonged as the one that hit over three years ago and hung on to just a few months ago.

He made up his mind last year, that he had to do something to pull his crops through. "We've got so much money tied up in these crops that we couldn't afford to risk more dry summers. Irrigation is a lot of trouble and a lot of expense, and maybe there'll be years when we won't use our equipment. But at least if it does turn dry, we won't have to sit hopelessly by and watch our vegetables burn up."

Leo irrigates seven acres of tomatoes, three acres of raspberries, and 1 $\frac{1}{4}$  acres of blueberries. If he has enough water left over this summer, he plans to apply it to seven acres of strawberry plants, and a patch of peppers.

Stadelbacher finds that his biggest problem is an adequate supply of water. He built a two-acre pond, but now discovers that it is not large enough to supply water for all the irrigating he wants to do. He intends to either enlarge this pond or build a second one.



Leo Stadelbacher built this two-acre pond to store water for irrigation system. Swimming is a bonus.

He is more fortunate than most farmers in getting water since he has an unusually dependable spring on his place. It is located on a wooded bluff overlooking his rolling farmland.

The spring flows into a hollow which empties into a small pond which Leo bulldozed on the side of the bluff. Sink holes and run-off from the bluff help the spring fill the small pond. Then Stadelbacher drains the small pond through a two-inch pipe running downhill about a  $\frac{1}{2}$  mile to the larger pond. It takes about 10 drainings to fill the two-acre pond. The truck farmer believes that he can increase the catch of run-off by adding several feet to the dam of the small pond.

His blueberries are what started Stadelbacher thinking seriously about irrigation. He was the first commercial grower in Illinois.

He put out his first blueberry bushes six years ago. For the first three years they thrived because there was plenty of rainfall which the berries require. The fourth summer saw little rain, and his blueberries began dying. That's when he decided to build the small pond on the hill to catch the spring water and other run-off. To get the water down to the berry grove, he used old fire hose filling furrows between the rows of bushes. The water helped, but the method of irrigation was makeshift and far from satisfactory.

However, Stadelbacher saw the possibilities of irrigation after his experiment with his blueberries. He realized he needed more water and

modern equipment to do a really effective job. And he was pretty certain the investment would pay.

So he bought 2,900 feet of aluminum pipe, dug a two-acre pond, and installed a 10-horsepower electric motor to do the pumping. Because much of the water has to be pumped uphill, he can only cover about an acre at one time operating 13 to 18 sprinklers. He irrigates each acre for four hours then moves his pipe to a new location. He figures he puts on 1  $\frac{1}{3}$ -inches of water in four hours.

A timeclock on the motor shuts the pump off automatically, eliminating guesswork. Also this automatic feature comes in handy, when the pump has to be run at night.

It takes about an hour for three boys and two men to move and set up 1500 feet of pipe, covering an acre of cropland. This is the hardest





Spring and run-off fill this small pond on hill. Then it is drained through half mile of pipe into big pond. It takes 10 drainings to fill two-acre reservoir.

part of irrigating. As yet, no one has devised a really easy way of moving pipe.

Stadelbacher is not sorry he chose an electric motor to power his pump. He believes it is more dependable and cheaper to operate than a gas engine. His co-op, Southern Illinois Electric of Dongola, built an extension to his pond, setting a pole and transformer at the edge of the water. Also, the co-op helped him plan and install the pumping system.

Despite the abundant rainfall this summer, Stadelbacher has made use of his irrigation equipment. There was a prolonged dry spell during late May and early June when his tomatoes needed water and he was able to supply it.

Since the bottom drops out of the tomato market shortly after the middle of July, a setback in their growth can mean the difference

between a loss or profit on his crop, Stadelbacher points out. Truck farming is a lot different from grain farming. Fruits and vegetables can't stand much dry weather, and they must hit the market early.

He markets part of his crops through chain stores and the rest through the open market in Chicago. He sells under the brand name, "Our Best," which he has built up over a number of years.

#### Value of Irrigation

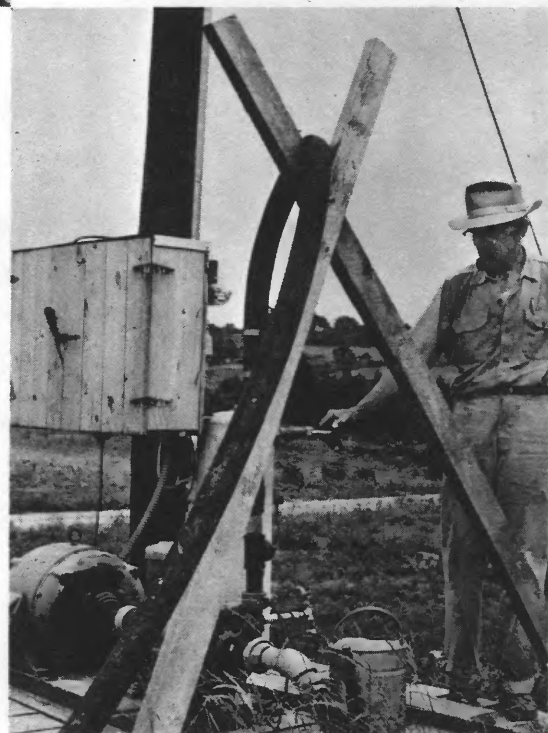
This spring's strawberry crop demonstrated the value of his irrigation investment, Stadelbacher points out. The young plants he was able to water during the summer of 1955 produced for him one of the finest crops he has ever raised. Then too, he was able to save much of the 1955 crops. This season, he was able to supply water to his tomatoes and berries in early June when they were in dire need of moisture.

Despite all the headaches and expense involved in irrigation, Stadelbacher thinks it's a sensible investment. Also he believes that irrigation is in its infancy and that present-day systems are crude compared to those that the future will bring.

Stadelbacher and his son, Robert, who is his partner, take the added problems and extra work attached to irrigation in their stride. The elder Stadelbacher says the extra work involved is balanced by the fact that his irrigation equipment takes a lot of the uncertainty out of the risky business of truck farming.

Most of water has to be pumped uphill from pond, limiting irrigating to an acre at a time. Stadelbacher puts on 1 1/3 inches of water in four hours then moves pipe.

Stadelbacher turns valve to release water to sprinklers. Timeclock on motor controls operation.



Veteran truck farmer expected good tomato crop, which was doing fine early in June when picture was taken.





Purebred Guernseys really go for machine-grown grass, says Myron Erdman of near Chenoa. Erdman is experimenting with the machine. He is testing it on nine cows.

*What two farmers think about the*

## grass-growing machine

**H**ERE'S what two Illinois co-op members say about the Herbagere, the electric grass-growing machine, recently introduced into this country. Both Dean Russell of near Hoopston and Myron Erdman, near Chenoa, are experimenting with the machine.

The Herbagere has six shelves enclosed by glass panels. There are heat panels in the center of it. On top is a water tank, to which a dry chemical is added daily. This chemical, coupled with the water and heat, is the secret of this cultivation process without soil.

The seed, first soaked overnight to hasten germination, is put into perforated baskets and set into trays on the shelves. The trays are daily irrigated with the chemically-mixed water. The temperature is kept at 68 degrees. And in six

Erdman checks the sixth-day growth of grass. "It's really amazing," he comments.



days, the dairyman has enough feed for 20 cows, while the hog man, in only four days, can feed 100 head.

Russell, a grain farmer, uses the machine to supply fresh green feed for 100 head of feeder hogs. The machine turns out the feed every four days. "I was able to cut feed costs to 8 3/10 cents per pound of gain after two weeks," says Russell.

And, as far as Russell is able to determine, in the comparatively short time he has had the machine, labor is its only drawback. "It requires at least one hour of attention a day." Being a grain farmer, Russell says he's not used to the confinement of a regular schedule.

"I have to get up early to fill the machine and feed out the grass. Then, I have to stop all my other work at noon to take the grain out of the soaking bin and let it drain."

Dean Russell turns on the water valve starting the irrigation process, which is a daily chore.



Russell installed the machine on his 260-acre farm last April. A veterinarian interested Russell in trying the machine. Russell had always fed out hogs on his place, but he had done it when the harvest was in, and he had extra time on his hands.

"This was new to me," he explains. He got the 100 feeder pigs from Wisconsin. They averaged around 39 pounds. He started feeding them about 300 pounds of the oat-grass a day, plus all the supplement they would eat. After the first two weeks the pigs were weighed and an average gain of 13 pounds per pig was recorded.

This rate of gain was maintained until the hogs reached 100 pounds, then it fell off some. Russell believes the machine has its place in starting hogs, but should be discontinued if a farmer plans on fattening them.

"There's no question in my mind but that the grass is good for shoats," he explains. "And I believe it would be very good feed for bred sows. You would probably get better and more pigs per litter."

Russell located the 20-cow unit in his barn. And because it was dark in there, he had to install fluorescent lights on either side of it to promote better growth, as the machine requires some light.

Myron Erdman, a young dairyman, has also had experience with the machine. He has been able to cut his grain ration in half, and maintain a more uniform production out of the nine cows he has on the machine-grown grass.

Comments Erdman, "It's an amazing thing to see that machine grow grass in six days. The cows have a good appetite for it, too. However, Erdman has found that the grass doesn't replace hay, but merely supplements it. "The cows still need the bulk."

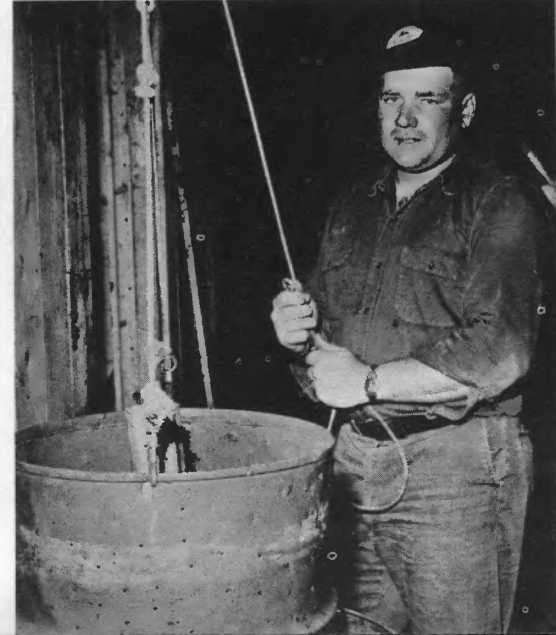
Erdman feeds oats out of the machine. Of every four pounds of grain, he gets 30 pounds of green grass in six days. He figures by cutting his grain ration in half the machine does save him 15 cents a cow a day.

Last winter, before he got the grass-growing machine, Erdman ran out of hay and had to buy some. "It wasn't too good, and my production fell off. I can see that if I had had this machine then, I would probably have been able to maintain my production."

As far as the amount of labor involved is concerned, Erdman, unlike Russell, doesn't consider

(Continued on page 16)

Seeds must be soaked overnight. This pulley arrangement simplifies handling.



## State Board Acts To Retain Present 5c Price of IREN

In order to maintain the present price for the Illinois Rural Electric News of five cents per copy, the State Association board voted to return to the former printer of the state paper, the L. E. Perry Printing Co. of Waterloo, Wis. This action was taken at the July 19 meeting of the board in Springfield.

The NEWS has been printed on offset equipment by the Missouri Farmer Printing Co. since November, 1954. Added production and paper costs has forced Missouri Farmer Printing Co. to greatly increase its prices to its customers. This, in turn, would have necessitated raising the price of the state publication.

The Perry Printing Co. printed the state publication for over 11 years prior to the move to Missouri. Editor William E. Murray was instructed to make the transfer as soon as possible.

While the Perry Co. presently offers only letterpress printing, that firm has completed plans to install offset equipment, which provides many production advantages including sharper picture reproduction and more flexibility in makeup and design of publications.

Resumption of offset printing will depend upon its feasibility when the Perry Co. is in a position to provide firm commitments following its acquisition of offset facilities.

### New Director Nominated

A report from District 2, revealed that Robert Wagner of Western Illinois Electric Cooperative, has been nominated from that district for the position of state director. G. Wayne Welsh has represented that district since the State Association was organized in the early 1940's.

Approval by the board was given to a resolution from District 4 amending a plan calling for a 26-man State Association board, which will come before the Association annual meeting next month for action. The amendment will permit those districts wishing to retain one-man representation to do so, and at the same time give the representative three votes, one for each co-op in the district.

Attorney Hugh Dobbs was directed to incorporate the amendment as part of the bylaw changes which will be required should the delegates to the state annual meeting approve expanding the board.

A committee of Illinois electric co-op managers, headed by S. R. Faris, submitted a group of resolutions passed by the Managers Section of the State Association. One of these resolutions, which called for a 26-man board, was approved, while the

others were placed on file for further consideration by the state board.

Manager A. E. Becker reported that a miniature electrified farm display had been purchased by the annual meeting caravan and will be shown at annual meetings this summer.

### Get REA Loans

Western Illinois Electrical Cooperative of Carthage, and Egyptian Electric Cooperative of Steeleville recently received loans from the Rural Electrification Administration.

Western received approval of \$336,000 to finance the construction of 18 miles of distribution line to serve 95 new rural consumers, and for headquarters facilities. Loan funds will also cover system improvements including four miles of tie line and increased capacity of existing consumer services.

Egyptian received approval of \$382,000 to finance construction of 42 miles of line to serve 250 new rural consumers and to reimburse the cooperative for general funds expended on previously approved construction. Funds will also cover system improvements including four miles of tie line and increased capacity of 400 transformers and 200 existing consumer services.

### Fatally Injured

Herman Ehlers, a lineforeman for the Egyptian Electric Cooperative of Steeleville, was fatally injured in a truck accident, July 18. Ehlers was 57 years old and is survived by his wife and two married children, a daughter and son.

Ehlers had been employed by the co-op since 1940. He started as a groundman and worked up to his position at the time of death. He was the third oldest co-op employee in length of service.



"Well, I suppose it will be all right—after all, it is an old picture."

## FOGGING CONTROLS FLIES

A new "barn fogger," which you can use with your electric air compressor to rid your farm buildings of flies, has recently appeared on the market. The gadget is a cylinder sprayer which can be attached to all types of compressors. It sells for \$7.95, or when purchased as a complete unit with compressor and motor, the price is \$63.50.



The sprayer itself consists of a half-gallon, unbreakable plastic bottle with a four-spray nozzle of non-corrosive brass. This nozzle sends out a fog spray capable of a 40-foot carry in all directions.

The barn or building sprayed is literally fogged with insecticide, saturating the cattle and all nooks of the building. The manufacturer says this method will keep flies out of the barn and off the cattle while in the barn, or in the pasture.

According to the manufacturer a 10-minute daily spraying will keep a 70 by 35 foot barn insect-free. And by fogging the barn, 40 per cent less insecticide is needed to do the same job with a hand sprayer.

Both water and oil base insecticides can be used in the sprayer. The deluxe model, compressor, motor, and 25 feet of hose, can also be used for other jobs around the farm such as paint spraying, greasing and inflating tires.

The compressor of the deluxe model is lightweight, has a handle for easy carrying, and never requires oiling. It also has a built-in safety valve and can develop from 30 to 40 pounds of pressure. It is powered by a one-third horsepower electric motor.

The two items, sprayer and compressor model, are manufactured by

(Continued on page 16)

save money with a

# 4% LAND BANK LOAN

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#### OTHER OWNER REQUIREMENTS

- Provide a home.
- Pay family living expenses.
- Provide facilities for processing, storage and marketing farm products.

See or Write your Nearest

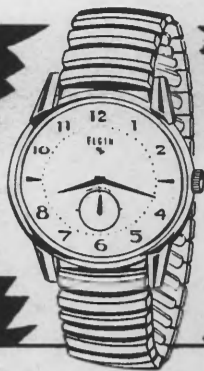
NATIONAL FARM LOAN ASSOCIATION

Illinois Associations:

Amboy	Danville	Harrisburg	Mt. Vernon
Belleville	Decatur	Hillsboro	Oregon
Bloomington	DeKalb	Jacksonville	Ottawa
Corlinsville	Effingham	Joliet	Petersburg
Corrollton	Eureka	Kankakee	Pittsfield
Champaign	Findlay	Kewanee	Pontiac
Charleston	Freeport	Lincoln	Quincy
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**NEW SHELF FRONTS  
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- ALTON, ILLINOIS  
B. F. Goodrich Company
- ALTON, ILLINOIS  
L & L Refrigeration Company
- BALDWIN, ILLINOIS  
Wehrheim Mercantile Company
- BELLEVILLE, ILLINOIS  
Eidman Appliance Company
- BENTON, ILLINOIS  
Knight Furniture Company
- BLOOMINGTON, ILLINOIS  
Bender Furniture Company
- BLOOMINGTON, ILLINOIS  
B. F. Goodrich Company
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C. G. Lang General Merchandise
- BRADLEY, ILLINOIS  
Guiss Furniture
- BUSHNELL, ILLINOIS  
Brown Lynch Scott Stores
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- CENTRALIA, ILLINOIS  
B. F. Goodrich Company
- CHAMPAIGN, ILLINOIS  
Lillard Furniture Company
- CHARLESTON, ILLINOIS  
Stitt Appliance Store
- CHRISTOPHER, ILLINOIS  
Mann's Appliance Company
- CLAYTON, ILLINOIS  
Ralph E. Moelling
- COLLINSVILLE, ILLINOIS  
Howe Electric Company
- COLUMBIA, ILLINOIS  
Wm. & Leo Sander
- COULTERVILLE, ILLINOIS  
Purdy's Store
- DANVILLE, ILLINOIS  
Meis Brothers
- DECATUR, ILLINOIS  
B. F. Goodrich Company
- DECATUR, ILLINOIS  
Rusk & Morrow
- DuQUOIN, ILLINOIS  
Hule Motor Sales
- EASTON, ILLINOIS  
Pager Hardware
- EAST ST. LOUIS, ILLINOIS  
B. F. Goodrich Company
- EAST ST. LOUIS, ILLINOIS  
Rhodes Burford  
100 Collinsville Avenue
- EAST ST. LOUIS, ILLINOIS  
Thrifty Furniture Mart
- ELDORADO, ILLINOIS  
Southeastern Illinois Electric Co-op
- ELLIOTT, ILLINOIS  
W. D. "Bud" Kreitzer
- EL PASO, ILLINOIS  
Sampen Hardware
- ERIE, ILLINOIS  
Hunt Hardware
- FAIRBURY, ILLINOIS  
Zimmerman Hardware
- FAIRFIELD, ILLINOIS  
Rush Maytag Sales & Service
- FLORA, ILLINOIS  
Cash-Way Super Grocery & Appliance Company
- GILLESPIE, ILLINOIS  
Corkin Appliances
- GRANITE CITY, ILLINOIS  
State Radio & Television Company
- GREENVILLE, ILLINOIS  
Hediger Electric Service
- HARRISBURG, ILLINOIS  
Farmers Supply Company
- HERRIN, ILLINOIS  
Brown & Colombo
- HIGHLAND, ILLINOIS  
Roland Harris Furniture Company
- JACKSONVILLE, ILLINOIS  
B. F. Goodrich Company
- JERSEYVILLE, ILLINOIS  
Sponsler's Appliance Company
- KANKAKEE, ILLINOIS  
Charlie's Store
- KANKAKEE, ILLINOIS  
Famous Furniture Company
- LANSING, ILLINOIS  
Stainless Steel Distributors
- LAWRENCEVILLE, ILLINOIS  
Clegg Brothers
- LEWISTOWN, ILLINOIS  
Lewistown Locker & Mart
- LINCOLN, ILLINOIS  
Lincoln Tire & Appliance Company
- LITCHFIELD, ILLINOIS  
Austin Schrader Brothers
- McLEANSBORO, ILLINOIS  
Downen Furniture Company

(Continued on next page)



# HERD AVERAGE -- 15,000 POUNDS

By Harold G. Marx

**A**IMING for a 700 pound butterfat herd average, Jacob W. Renken, of near Mason City, is well on his way towards that goal. His milking herd of 14 Brown Swiss is averaging better than 625 pounds now. "I only have one cow producing less than 600 pounds," he proudly points out.

In Renken's herd there are four foundation cows with 800-pound production records as mature cows, and one with a 774-pound production on twice a day milking.

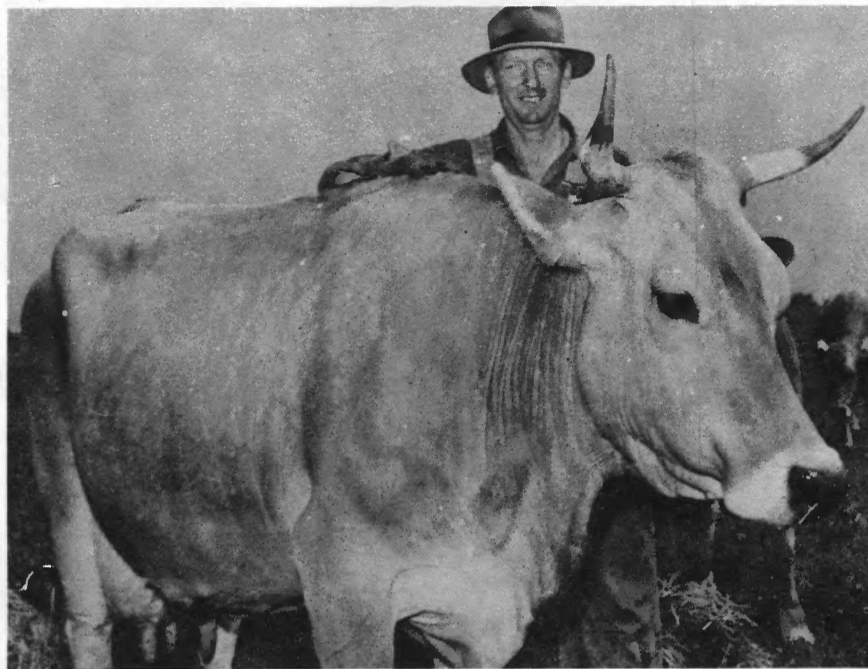
And while butterfat production has climbed, milk production is also up. Renken figures his herd produces around 15,000 pounds of milk a year per cow.

Renken credits his success to a strict breeding program, in which he uses the best bull he can afford. Most of his cows are bred to a bull whose dam produced over 1,000 pounds of fat in a year. He also has a young herd sire out of a 30,000 pound production cow, "the only such bull in Illinois."

According to Renken, a good herd bull takes the gamble out of a breeding program. He believes his youngest bull will help increase production as much as 75 pounds, "when his heifers are two-years-old."

A tenant-farmer, Renken says he doesn't have all the time he would like to show his cows. But, when his two daughters were home, they entered some of his stock in fairs, and were very successful.

The youngest daughter won the milking derby at the State Fair two



JACOB RENKEN believes he can get a herd average of 700 pounds butterfat by using Brown Swiss dams such as this one. She is averaging 700 pounds of butterfat.

times out of three attempts, and came in second the third time. The cow averaged 2½ pounds of butterfat a day for five days.

"That same cow was also grand champion two years straight in her class at the fair," Renken declares. "My daughter paid \$350 for her as a heifer and sold her as a three-year-old, for \$1450 to a farmer from South America."

Vice-president of the Logan-Mason County Brown Swiss Association, Renken has a cow in his herd, which as a three-year-old set a world record of approximately 634 pounds of butterfat in 305 days on twice-a-day milking.

"This cow was also fifth highest two-year-old and since then has

been consistently in the first 10 of world producers in her class." Renken also has three other cows in the first 10 of world production in their classes.

At the annual junior calf sale in Champaign, Renken has never sold a

calves lower than second high price. And his calves have gone to nearly every state, as well as to six foreign countries.

Renken started raising Brown Swiss about 20 years ago. "I liked the color of their milk." He had been dairying with Holsteins. Until 1948, he had only grade cows in his herd.

But, with the daughters entering 4-H competition, Renken reorganized his herd and purchased all purebred stock. "That was the best move I made," he explains. Since then, production has gone up, as well as the dollar returns from the dairy.

"I gained at least two gallons of milk a day by getting purebred cows," Renken figures. He has some cows in his herd giving 85 pounds of milk a day.

(Continued on page 16)

## Portable, Stand-By ELECTRIC POWER

See the Pioneer line, write for catalog of over 40 models.



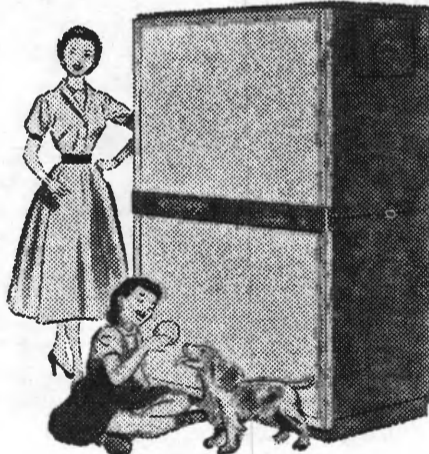
Pioneer farm generators operate anywhere from tractor or gas engine. Simple to install. Plug-in receptacles for quick connections.

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Now live and relax in the ideal comfort of an "all-electric home!" Springtime always! Conditioned, filtered, healthful air surrounds you day and night—temperature always remains at your preferred thermostat setting. All-electric G-E Weathertron—now installed in

thousands of homes of every design—gives you proven, practical, dependable, fully automatic heating and cooling . . . uses only air and electricity to keep operating cost amazingly low! One unit does it all. Come in and see G-E Weathertron today!

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U. S. Sheet Metal Roofing Co., Inc.  
1st Avenue and Dresden  
Evansville, Ind., Phone 5-2428

Henry Weis, Jr., Inc.  
1919-21 Washington Ave.  
St. Louis, Mo., Phone CH-1-0600  
\* \* \*  
R. Cooper, Jr., Inc.  
810 South Adams Street  
Peoria, Phone 6-7607

### KELVINATOR DEALERS

(Continued from page 8)

- McLEANSBORO, ILLINOIS  
Egyptian Electric Company
- MACOMB, ILLINOIS  
Brown Lynch Scott Stores
- MAINTENO, ILLINOIS  
Manteno Hardware Company
- MARION, ILLINOIS  
Durrall & Grisham
- MATTOON, ILLINOIS  
Max W. Vest
- MONMOUTH, ILLINOIS  
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- MORTON, ILLINOIS  
Morton Electric Company
- MOUND CITY, ILLINOIS  
City Department Store
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C. F. Wagner Appliance Company
- MT. VERNON, ILLINOIS  
Mitchell Furniture Company, Inc.
- MURPHYSBORO, ILLINOIS  
B & K Furniture Company
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Wilke Refrigeration & Electric Sales & Service
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G. E. Franke & Son
- NOKOMIS, ILLINOIS  
Nokomis Gas & Electric
- OLNEY, ILLINOIS  
B. F. Goodrich Company
- OLNEY, ILLINOIS  
Fulgham Brothers Appliance Company
- PAYSON, ILLINOIS  
Payson Appliances
- PINCKNEYVILLE, ILLINOIS  
Pinckneyville Appliances
- PITTSFIELD, ILLINOIS  
Pike County Maytag Store
- PLEASANT HILL, ILLINOIS  
Zumwalt TV & Appliances

- PONTIAC, ILLINOIS  
S. Campagna & Sons
- PRINCETON, ILLINOIS  
Swanson Electric Shop
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B. F. Goodrich Company
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Brockschmidt Plumbing & Heating Company
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Stroot Hardware Company
- RED BUD, ILLINOIS  
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- STAUNTON, ILLINOIS  
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Endicott Furniture
- WORDEN, ILLINOIS  
Gene's Appliances



# Home-makers' Page

Edited by Kay Conlan

## Summer Desserts -- Light, Cool and Not-Too-Filling

**L**IGHT, cool and not-too-filling—these are the common requirements of the hostess in search of a summer dessert. Here are several dessert recipes meeting these specifications.

The crust of Butter Crunch Lemon Chiffon Pie is composed of sweet buttery crumbs, nut-like in appearance and crunchy in taste.

Unlike other crumb crusts for which you are dependent on crackers, wafers or rolled crumbs, here the makings start from the beginning. The ingredients—flour, brown sugar, butter and nuts—are mixed by hand and spread into a pan and baked. The mixture is then stirred to form crumbs, and the warm crumbs pressed into a pie plate. (If crumbs are too hot to press with fingers, use the back of a spoon.) Save three-fourths cup of the crunch to sprinkle over the top of the pie filling.

This pie should be chilled before serving.

### Butter Crunch Crust

- 1/2 cup butter
- 1/4 cup brown sugar (packed)
- 1 cup flour
- 1/2 cup chopped pecans, walnuts, or coconut

Heat oven to 400° (mod. hot). Mix all ingredients with hands. Spread in oblong pan, 13 by 9 1/2 by two inches. Bake 15 min. Take from oven, stir with spoon. Save three-quarter cup for topping. Immediately press rest of mixture against bottom and sides of nine inch pie pan. Cool. Pour in filling. Sprinkle reserved crumbs over top. Chill one hr. Eight servings.

### Lemon Chiffon Filling

- 1/2 cup sugar
- 1 envelope unflavored gelatin (1 tbsp.)
- 2/3 cup water
- 1/3 cup lemon juice
- 4 egg yolks, slightly beaten
- 1 tbsp. grated lemon rind
- 4 egg whites
- 1/2 tsp. cream of tartar
- 1/2 cup sugar

Blend sugar, gelatin, water, lemon juice, slightly beaten egg yolks thor-

oughly in saucepan. Cook over low heat, stirring constantly, just until mixture comes to a boil. Stir in grated lemon rind. Place pan in cold water. Cool until mixture mounds slightly when dropped from a spoon. Then fold into a meringue made of egg whites, cream of tartar, sugar. (Beat egg whites with cream of tartar until frothy. Gradually beat in sugar, a little at a time, until stiff and glossy.)

### Brownie Ice Cream Pie

- 1 pkg. (1 lb.) brownie mix
- 2 qts. vanilla-fudge ice cream
- 1/2 cup chopped walnuts (in addition to those called for in package directions)

Prepare brownie mix as directed on package, adding extra walnuts. Spread evenly in two eight inch pie pans. Bake in moderate oven, 350° F., 15 minutes. Cool in pans. When ready to serve fill each pie with one quart of vanilla-fudge ice cream (or any desired flavor). Cut each in six wedges and serve at once. Or serve one pie, then wrap remaining pie in freezer foil and keep in freezer to serve on another occasion. Serve with Creamy Chocolate Sauce.

### Creamy Chocolate Sauce

- 2 squares (2 oz.) unsweetened chocolate
- 1/2 cup sugar
- 1 small can evaporated milk
- 1 tablespoon butter

Melt chocolate over hot water; stir in sugar. Stir in butter or margarine. Add evaporated milk slowly. Cook over hot water, stirring occasionally, until thickened. Serve hot. Yield: six to eight servings.

### Frozen Raspberry Pie

- Pastry for 2-crust pie
- 2 (12-ounce) packages frozen raspberries
- 3 tablespoons quick-cooking granular tapioca
- 2/3 cup sugar
- 1/4 teaspoon salt
- 2 tablespoons butter or margarine

Line nine-inch pie pan with pastry. Defrost raspberries just enough to separate. Combine tapioca, sugar and salt, mix with fruit and let stand about 15 minutes. Place berry mixture in pastry-lined pan, dot with butter and top with lattice crust. Bake at 425° F. for 35 to 45 minutes.



Butter Crunch Lemon Chiffon Pie

### Rio Cream

- 1 tablespoon instant coffee
- 1 package vanilla pudding
- 2 cups milk
- 1/2 cup cream, whipped

Combine instant coffee and pudding powder in a saucepan. Add milk gradually, blending well. Cook and stir over medium heat until mixture comes to a boil and is thickened. Turn into bowl, cover, and chill well. Then beat slowly with rotary egg beater and fold in whipped cream. Turn into sherbet glasses. Garnish with ladyfinger strips, shredded coconut, and maraschino cherries with stems. Makes five servings.

### Cherry Ice

- 1/2 c. sugar
- 1/2 c. water
- Cooked or canned sour cherries
- 1/4 c. light corn syrup
- 2 tbsps. lemon juice

Boil sugar and water together for five minutes. Cool. Rub cherries through a sieve; measure one cup (juice and pulp). Combine all ingredients. Pour into freezing tray and set cold control to position for fast freezing. When partially frozen, beat vigorously, return to tray and finish freezing.

### Coffee-Nut Chiffon Pie

- 1 baked 9-inch pie shell
- 1 tablespoon unflavored gelatine
- 1 3/4 cups cold strong coffee
- 2 tablespoons flour
- 1/4 teaspoon salt
- 1/8 teaspoon cinnamon
- 1 cup dark corn syrup
- 2 eggs, separated
- 1 teaspoon vanilla
- 3 tablespoons sugar
- 1 cup heavy cream
- 1/2 cup chopped nuts

Soften gelatine in one-quarter cup of the cold coffee. Combine flour, salt and cinnamon in saucepan and

add remaining cold coffee gradually, mixing until smooth. Add syrup. Cook, stirring constantly, until mixture is slightly thickened. Stir small amount of hot mixture into beaten egg yolks, then add yolks to remaining hot mixture. Cook over low heat, stirring constantly for about five minutes. Remove from heat. Add softened gelatine and vanilla extract. Cool, then chill in refrigerator until mixture begins to congeal.

Beat egg whites until frothy, add sugar gradually and continue beating until mixture stands in peaks. Fold meringue into coffee mixture. Sprinkle one-quarter cup of the nuts over bottom of baked pie shell and then pour in filling. Chill until firm. Top with unsweetened whipped cream and decorate with remaining chopped nuts.

### Angel Parfait

- 1 c. sugar
- 1/4 c. water
- 1 pt. whipping cream
- 2 tsp. vanilla
- 2 egg whites

Boil water and sugar slowly without stirring until it spins a thread (236° F.). Combine slowly with stiffly beaten egg whites. Continue to beat until thick. Cool. Add vanilla and combine with the chilled whipped cream. Pour into freezing tray and set cold control to position for fast freezing. Freeze without stirring.

This should be served with crushed fruit. When served in parfait glasses, add whipped cream and garnish with grapes, preserved cherries, or other fruit. Serves eight to 10.

# New Patterns For Handiwork Fans

**H**OMEMAKERS can make wonderful things with a needle, crochet hook or knitting pins—and while so occupied, it's easy to forget the heat and humidity. Our patterns this month include several items that can be made up quickly during the summer months.

As always, pattern leaflets are free, and yours just for the asking! All you have to do is check the patterns you wish on the Pattern Order Coupon below and send with your order a stamped and SELF-ADDRESSED envelope for every THREE patterns you order.

1. FILET LACE CUSHION TOP—can be used to freshen up or to make a new cushion. Also can be used for tray cloth or doily. Measures 15 inches by 22½ inches.

2. HOT PLATE MATS—made of bottle caps covered with crochet done in shaded purples and joined together to form bunches. Green leaves are crocheted at the top. In the center is a matching pot holder made with circles of felt instead of bottle caps.

3. RUFFLED DOILY—A leafy spray doily—lovely and fresh to look at and useful for many places in the home. It is crocheted in white or any selected color.

4. WALL PLATES—Crocheters who are proud to display their work will note the new eye-catching designs that make attractive wall decorations. Wall plates are entirely crocheted and starched to form unique accessories shown here.

5. ROSE WREATH DOILY—The lacy wheel is done in fine, white cotton as are the solid crochet leaves and flowers that are stitched in place along the edge. It measures 14 inches in diameter.

6. BIRD CHAIR SET—This three piece chair set is done in white cotton to give freshness and added charm to upholstered furniture.

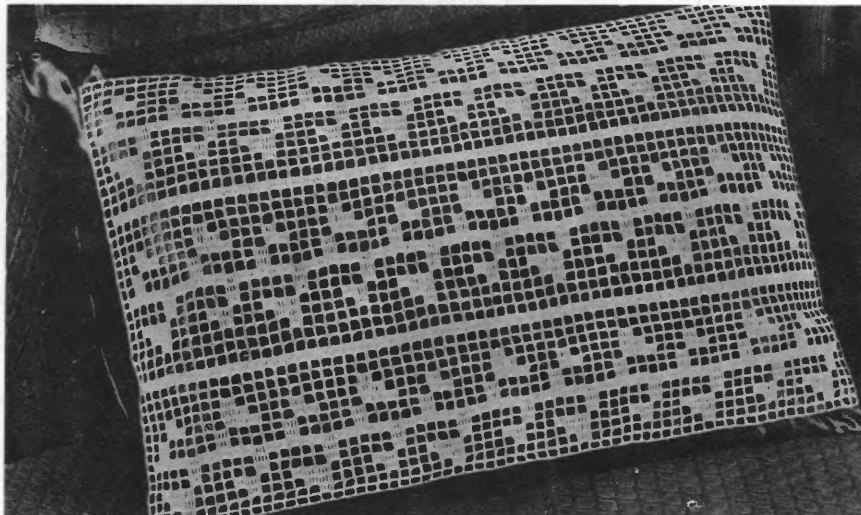
7. PEACOCK'S TAIL TABLECLOTH—A real compliment getter, this tablecloth features an old favorite, the pineapple pattern. It brings a new mood of elegance to your dining table.

8. CROCHETED GLOVES—can be made to contract or blend with your suits and dresses. Something to set them off are the good-looking flared cuffs.

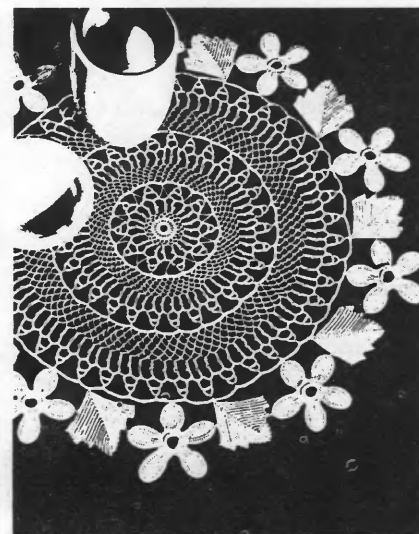
## Cleaning Lamp Shades

If your lamp shades are made of colorfast rayon or silk and are sewed (but not glued) to the frames, it is safe to wash them. Here's how:

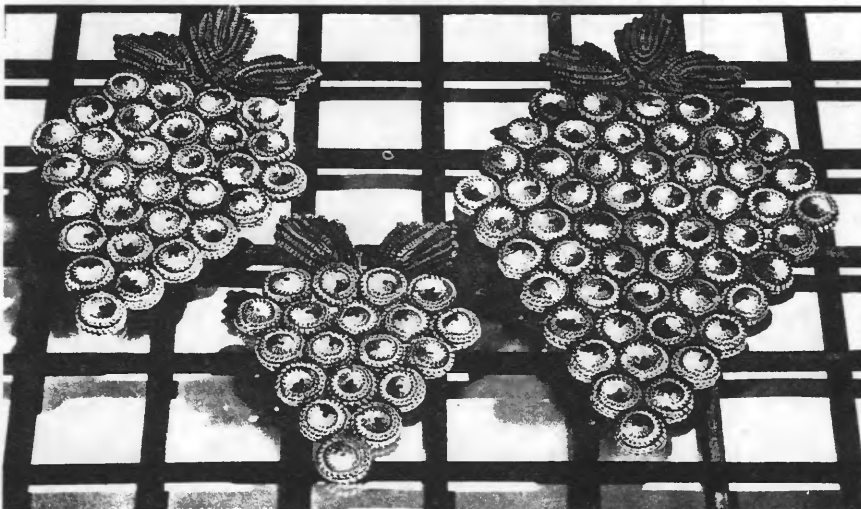
Prepare a solution of lukewarm mild detergent in a utensil large enough to hold the shade—or a laundry tub. Dip the shade gently up and down in the solution until it is clean. Rinse in clear water by dipping up and down again. Dry the shades as rapidly as possible, but away from direct sunlight.



1. Filet Lace Cushion Top



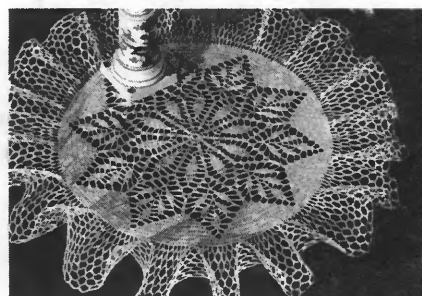
5. Rose Wreath Doily



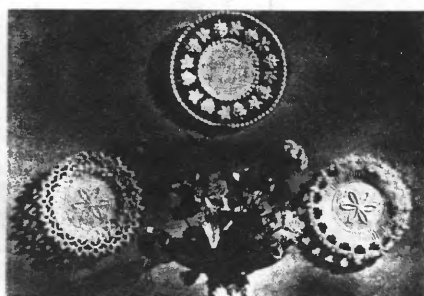
2. Hot Plate Mats



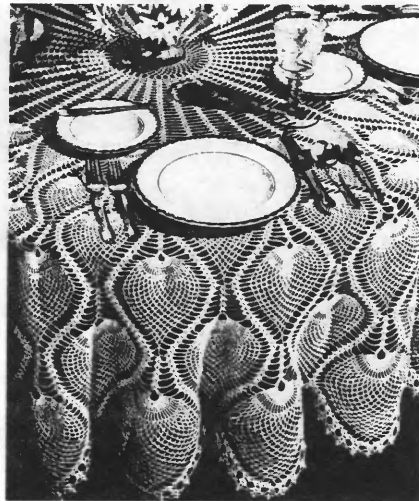
6. Bird Chair Set



3. Ruffled Doily



4. Wall Plates



7. Peacock's Tail Tablecloth

## Pattern Order Coupon

Kay Conlan  
ILLINOIS RURAL ELECTRIC NEWS  
Box 1180  
Springfield, Illinois

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

- |                              |                                 |
|------------------------------|---------------------------------|
| 1.....Filet Lace Cushion Top | 5.....Rose Wreath Doily         |
| 2.....Hot Plate Mats         | 6.....Bird Chair Set            |
| 3.....Ruffled Doily          | 7.....Peacock's Tail Tablecloth |
| 4.....Wall Plates            | 8.....Crocheted Gloves          |

My name is .....

Address .....

Comment (if any) .....

This coupon EXPIRES AUG. 31, 1956. Orders must be post-marked by that date.



8. Crocheted Gloves

# Washington Roundup

(Continued from page 2)

tric co-ops as it did last year. The REA loaned \$190-million to co-ops last year, \$22-million more than in 1955.

\* \* \*

Rural electric cooperatives are battling to stave off a \$3-million annual increase in federal power rates in the Southwest. The Interior department has proposed a 40 per cent rate hike to rural electric systems in the

Southwestern Power Administration service area.

\* \* \*

Legislation setting out the rights of rural electric and telephone systems to participate in the U. S. Air Force's multi-billion dollar SAGE communications project was passed by Congress and sent to the White House last month.

The legislation directs the Secre-

tary of the Air Force, in procuring communications services, "to utilize to the fullest extent the facilities and capabilities" of "public utilities and rural electric cooperatives" as well as rural telephone cooperatives.

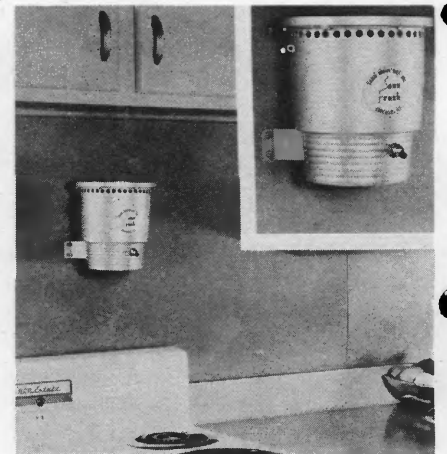
Language including rural electric systems had been added to the Senate version of the bill when it became evident that no specific protection was afforded them.

The bill marked a victory for proponents of the measure in their battle with the American Telephone and Telegraph Company in their apparent attempts to turn the program into a private bonanza.

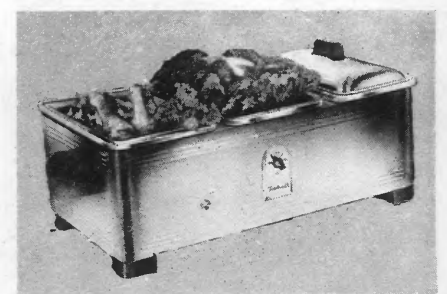
## What's New?



Not a toy, but a practical, lightweight tool for the home gardener. Electro-Hoe makes cultivating easy. It requires no heavy, awkward motor but fits easily on any portable 1/4" drill. Six rotary tiller blades churn up the soil. It was developed by the W. R. Brown Corporation of Chicago, and retails for \$16.95.



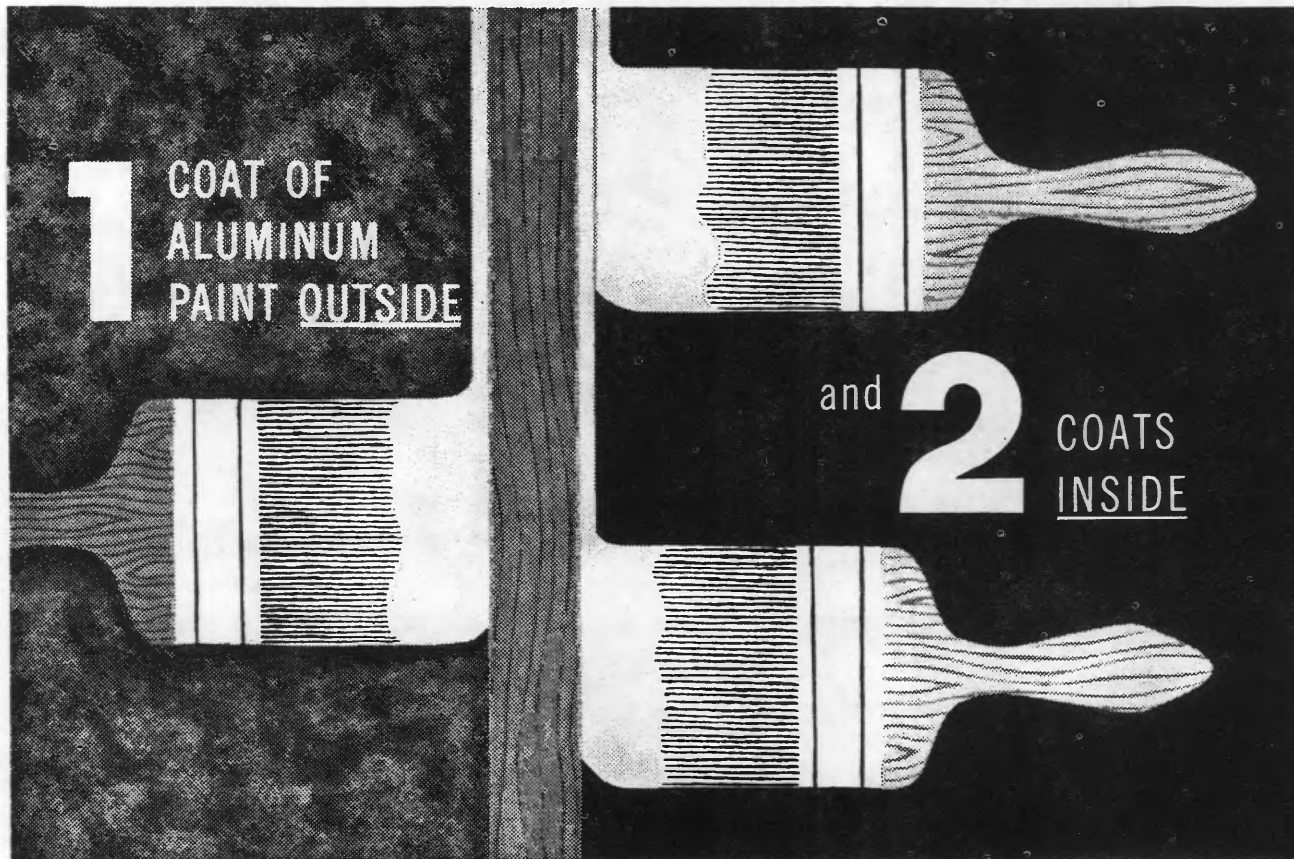
Now available for kitchen use as a wall-mounted unit is this electrically operated air purifier. Its activated charcoal removes gaseous, smelly odors and recirculates the same air. Replaceable filters last over four months under normal use and sell for 98 cents each. The San-Fresh unit retails for \$39.95 and is marketed by Sano Industries, Inc., 300 West Adams Street, Chicago 6, Ill. The units are styled in aluminum and stainless steel.



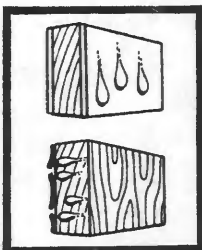
Ideal for buffet or smorgasboard serving is the Toastswell Servswell. Entirely automatic, it cooks and warms. No water is required. It has an automatic temperature control. Three, two-quart heat proof glass baking dishes hold the food to be cooked or kept warm. Retail price is \$32.95. Manufacturer is Toastswell, 620 Tower Grove Ave., St. Louis 10, Mo.



## Your Barn Needs...



One aluminum coat outside on your barn does a fine protective job IF moisture from within doesn't undermine it. Two coats of aluminum paint inside form a thin vapor block of aluminum metal against the moisture which livestock give off constantly. In cold weather, this condensing moisture seeps into unprotected walls, causes decay, undermines exterior paint, results in blistering and peeling.



### WITH ALUMINUM PAINT

Moisture vapor from livestock condenses here, can't seep in. Exterior paint is protected.

### WITHOUT ALUMINUM PAINT

Condensed water droplets enter surface, cause internal decay. Outside paint fails.

A single application of aluminum paint or aluminum roof coating outside your barn is sufficient to reflect away burning sunrays in summer, keep inside temperatures as much as 15 degrees cooler. Rustproofs, waterproofs, improves appearance.

ALCOA does not make paint, but Alcoa® Aluminum Pigments are used in more aluminum paints than any other brand. Special formulas have been developed by your paint manufacturer to solve individual problems. Paints made to these formulas actually cost less, last longer, give utmost protection against heat, cold, sun, rain, smoke and fumes. Look for the label "Pigmented With Alcoa Aluminum" when you buy aluminum paint.

### YOUR FENCES NEED ALCOA ALUMINUM FARM GATES

Alcoa Farm Gates last. You don't have to replace them constantly. They won't rot, warp, twist, sag or rust. Stay new, stay stockproof. Never need painting. At your farm supply dealer's.



### YOUR IRRIGATION SYSTEM NEEDS ALCOA ALUMINUM PIPE

It's full-thickness, heat-treated. Sturdy enough for high pressures, rough treatment, stress of wheel movement. Seamless or welded. See your irrigation dealer for Alcoa Irrigation Pipe.



### YOUR GUIDE TO THE BEST IN ALUMINUM VALUE

#### FARM PAINT JOB AHEAD?

Send this coupon for our two attractive free booklets, *Painting With Aluminum* and *Aluminum Asphalt Roof Coatings Make Time Stand Still*.



Aluminum Company of America, 2083-H Alcoa Bldg., Pittsburgh 19, Pa.

- Please send the free aluminum paint booklets.
- Send me a new Alcoa Aluminum Farm Gate brochure.
- Send Alcoa Aluminum Irrigation Pipe booklet, *Pipelines to Profit*.

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## Along the Line:

*glimpses of how co-op folks are putting electricity to use*



THEIR GOLDEN wedding anniversary will be celebrated by Mr. and Mrs. A. E. Drennan of Ina on September 5. Mr. Drennan is vice-president of Tri-County Electric Cooperative of Mt. Vernon. He is a charter director, and was the co-op's first president.

"When REA came along we had almost given up ever having electricity on our farm. The utilities wanted too much to serve us. REA was the best thing to happen to the farmer in this century," he declares.

Like most rural people, Drennan thought of electricity in terms of only lights at first on his 460-acre farm. But he soon put it to work for him. And when he retired a few years ago, he had an electric workshop, where he maintained most of his machinery. His son farms the place now.

Mrs. Drennan appreciated the electric range she had. It took a lot of the heat out of the kitchen and it was so convenient to operate, she explained. Farm homemaking today is a far cry from the day Mrs. Drennan first set up housekeeping, with the coal-oil lamp, and wood stove.



P. F. ALEXANDER of Loami has replaced manpower with electric power in his granary. Instead of shovelling the grain, Alexander uses a system of elevators and augers to distribute the grain. "This system puts a man in a better humor," he explains.

Alexander and his son, Glenn, feed out about 200 head of beef cattle a year. And it was to simplify the feed

handling which prompted them to install the electric elevators and augers in the granary.

Alexander explains that the system will allow for further expansion by decreasing labor. One man can store or move the grain to the mill, without too much effort. Alexander is a member of the Rural Electric Convenience Cooperative of Auburn.



MOVING A rotary-hoe used to be quite a problem for Homer and Dean Russell of near Hoopeston. They took it apart, hauled it in their pickup truck, then reassembled it out in the field.

Now, however, with an investment of only \$85, the two brothers haul the hoe easily behind the truck. They built a carrier for it, which holds the hoe suspended between two wheels.

Homer, pictured, explains that the carrier is made out of angle iron. Four pulleys mounted along the top, channel metal chains with hooks downward for attachment to the hoe. These chains are part of one long chain, which winds around a hand winch, part of a corn dump.

According to Homer, "there's nothing unusual about this carrier. Most any farmer could make one. It can save a lot of time and trouble." Dean is a member of Eastern Illinois Power Cooperative of Paxton.

You can pay \$200 more... but you can't get a

**bigger oven... better, <sup>cooler</sup> cooking  
...and it's a Westinghouse!**



Here's a big 24-inch oven, with double-thick insulation on all six sides that keeps heat inside oven, keeps you and your kitchen cool. Cooks better, too, because exclusive Westinghouse Miracle Seal shuts out

(Model FJ illustrated)  
disturbing air currents, gives perfect baking results in any rack position. This Westinghouse Imperial is only 30 inches wide, fits easily into any kitchen, yet gives you an oven 7" wider than most old ranges.

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- **Fastest heating** . . . New Westinghouse Super Corox unit heats instantly—gets red hot in 20 seconds.
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- **Cooks even when you're away** . . . Automatic Clock and Timer control both oven and appliance outlet.
- **Confection colors** . . . Deluxe styling in Frosting Pink, Mint Aqua, Lemon Yellow, Sugar White, Nougat Gray.

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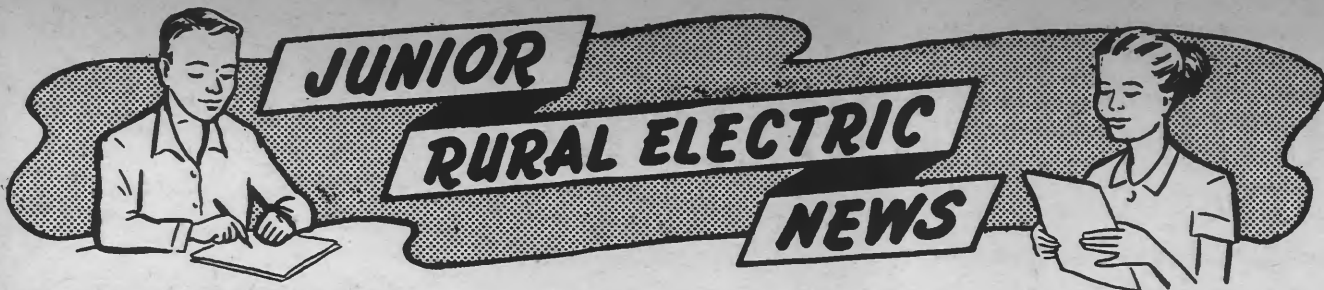
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# JUNIOR RURAL ELECTRIC NEWS

## PEN PALS

It seems that in spite of the fact all you boys and girls are very busy with your summer activities, you still find time to write Pen Pal letters. Keep up the good work. Each month we receive more letters than we can print, so your letter may not appear on this page for a while. Keep watching for it though. In the meantime, write to some of the Pen Pals whose letters appear in this issue. Soon you will receive letters in return and have a lot of fun keeping the correspondence going. Your letter for publication should be addressed to Kay Conlan, Junior Rural Electric News, Box 1180, Springfield, Ill.

### CHEERLEADER

I'm 13 and my birthday is October 2. I have blonde hair and blue eyes and my hobbies are cheerleading and playing table tennis. I have two brothers and five sisters. Would like to hear from boys and girls between 12 and 14.—Joyce Disselhorst, R. R. 2, Camp Point, Ill.

### LIKES HUNTING

I'm 14 and my birthday is July 6. Have brown hair and brown eyes and my hobbies are hunting, basketball, horseback riding, football and drawing. I would like to trade pictures and would like to hear from boys and girls between 15 and 17.—Alma McLeod, 416 N. Avon Street, Rockford, Ill.

### TWIRLS BATON

I have reddish blonde hair and brown eyes. I'm nine and my birthday is November 9. I like to twirl a baton and play school. I have two big brothers and a little sister. I go to Cisne Consolidated Grade School and would like to hear from boys and girls of all ages.—Shirley Bowers, R. R. 1, Cisne, Ill.

### HILLBILLY MUSIC

I'm 16 and my birthday is October 2. I have grey eyes and my hair is medium blonde. My hobbies are writing letters and making more friends, hillbilly music, dancing, baking and all outdoor sports. I promise to answer all letters.—Shirley Bowly, R. R. 1, Flat Rock, Ill.

### COLLECTS SMALL DOLLS

I'm 12 and I have brown eyes and brown hair. My hobbies are painting, collecting small dolls from different countries and playing the piano. I live on a small hill in a village of Williamson—a small coal mining camp. Would like to hear from boys and girls between 12 and 15 and would like pictures of each.—Linda Warlock, R. R. 1, Box 41B, Staunton, Ill.

### PLAYS CLARINET

I'm 14 and my birthday is November 29. I have brown hair and brown eyes and my hobbies are playing my clarinet and playing softball. Would like to hear from boys and girls between 13 and 16 and please include pictures, if you can.—Mardean Peters, R. R. 1, Ashkum, Ill.

### HILLBILLY MUSIC

I'm 13 and my birthday is January 3. I have sandy hair and blue eyes and I have a sister and two brothers. I go to Washington School in Johnston City. My hobbies are hillbilly music and collecting items for my hope chest. Would like to hear from boys and girls between 13 and 16.—Phyllis Ann Hughes, R. R. 1, Marion, Ill.

### OUTDOOR HOBBIES

I have blue eyes, brown hair and I'm 13 with a birthday July 23. Reading and outdoor sports are my hobbies, especially, swimming. Would like to hear from both boys and girls of 13 and I'll try to answer all letters.—Norma Heimann, Damiansville, Ill. (Post Office Albers).

### AUGUST BIRTHDAY

My birthday is August 26 and I'm 16. I have brown hair and brown eyes and my hobbies are art, drawing, horseback riding and basketball. I will answer all letters received and would like to trade pictures. Would like to hear from boys and girls between 16 and 18.—Diane Johnson, 410 N. Avon Street, Rockford, Ill.

### DECEMBER BIRTHDAY

I'm 16 and my birthday is December 17. I have light brown hair and blue eyes. I live on a 40-acre farm and my hobbies are listening to the radio and writing letters. Would like to hear from boys and girls between the ages of 16 and 19.—Janet Moore, R. R. 2, Box 215, DuQuoin, Ill.

### 4-H CLUB MEMBER

I'm 11 and my birthday is December 20. I have sandy hair and blue eyes and I go to Cisne Grade School. My hobbies are writing letters, softball and sewing. This is my first year in 4-H. Would like to hear from boys and girls between nine and 12.—Sharon Palmer, R. R. 3, Cisne, Ill.

### COOKING AND SEWING

I have light brown hair and greenish-gray eyes and I'm nine with an October 3 birthday. I go to Baldwin Public School. I have a brother and a sister. Would like to hear from girls between eight and 11. My hobbies are cooking, sewing and riding my bike.—Sona Jo Lehman, R. R. 3, Sparta, Ill.

### OCTAVIA JUNIOR HIGH

I'm 13 and go to Octavia Junior High School in Colfax. My hobbies are painting and writing letters. My birthday is August 9 and I have brown hair and blue-green eyes. Would like to hear from boys and girls around my age and I promise to answer all letters. Would like to have pictures too.—Janice Weppler, Box 182, Colfax, Ill.

### ROLLER SKATING

I'm 13 and my birthday is August 28. I have brown hair and brown eyes and I live on a farm. My hobbies are roller skating and horseback riding. Would like to hear from girls and boys between 13 and 18.—Patsy Ann Vander, R. R. 3, Box 237, DuQuoin, Ill.

### NEW YORK PEN PAL

I'm 15 and my birthday is September 10. I go to Port Leyden Central School and I have brown hair and blue-grey eyes. My hobbies are collecting postcards, listening to popular and hillbilly music, drawing and writing letters. Would like to hear from boys and girls over 15.—Nancy Fowler, R. D. Port Leyden, New York.

### 4-H CLUB MEMBER

I'm 13 and my birthday is September 7. I have blonde hair and blue eyes and I live on a farm and belong to 4-H. My hobbies are roller skating and horseback riding. Would like to hear from boys and girls between 13 and 18.—Mary Jane Walker, R. R. 3, DuQuoin, Ill.

### LIKES SWIMMING

I'm 15 and my birthday is June 1. My hobbies are playing softball and swimming. I go to Galloway School. I have blue-grey eyes and brown hair. Would like to hear from boys and girls of all ages.—David Cook, R. R. 1, Bogota, Ill.

### MANY PETS

I'm 11 and my birthday is December 14. I live on a farm and have lots of pets—a cow, calf, rabbits, chickens and lots of others. I want to hear from Pen Pals of all ages.—Carol Reichling, R. R. 2, Sheridan, Ill.

### HILLBILLY MUSIC

I'm 17, have light brown hair, blue eyes and I'm five feet, four. My birthday is July 2. I have four brothers and seven sisters. My hobby is listening to music,—hillbilly and popular. I go to Johnston City High School. Would like to hear from boys and girls between 16 and 20.—Deloris Dixon, R. R. 1, West Frankfort, Ill.



### RIDES HORSES

I'm 13 and my birthday is October 2. I have brown hair and blue eyes and my hobbies are playing basketball, baseball, roller skating and I especially like to ride horses. Would like to hear from boys and girls between 12 and 15.—Patty Frick, R. R. 1, Inan, Ill.

### 4-H CLUB MEMBER

I'm 12 and my birthday is April 20. I have strawberry blonde hair and blue eyes and I'm in the seventh grade. I live on a farm and my hobbies are playing ball, swimming, ice skating, roller skating, reading and watching TV. I belong to a 4-H Club. Would like to hear from boys and girls between 12 and 14.—Nancy Shaw, Box 214, R.R. 2, DuQuoin, Ill.

### PLAYS ACCORDION

I'm 10 and my birthday is January 26. I have dark blonde hair and brown eyes and I'm four feet, 10. My hobbies are sewing and reading and especially playing the accordion. Would like to hear from boys and girls between eight and 12.—Ramona Hawkins, R. R. 3, Benton, Ill.



### COLLECTS HORSE PICTURES

I'm 11, have light brown hair and brown eyes. I have a sister, and for pets I have a horse and colt, 11 cats and two dogs. My hobbies are horseback riding, sewing, baking, drawing and collecting statues and pictures of horses and birds. Would like to hear from all between 10 and 13. I play the accordion and drums. Sue Walker, Box 455, La Harpe, Ill.

### AUGUST BIRTHDAY

I'm nine and have blonde hair and blue eyes. My birthday is August 20. My hobbies are reading, swimming, sewing and taking care of my pets. I live on a farm. Would like to hear from boys and girls between nine and 12.—Linda Tripp, R. R. 2, Jonesboro, Ill.

### PLAYS BASKETBALL

I'm 12 and my birthday is September 8. I have three brothers and two sisters and I have blonde hair and blue eyes. My hobbies are playing basketball and riding horses. Would like to hear from boys and girls between 11 and 14.—Robert Bethel Allen, R. R. 1, Broughton, Ill.



### COOKING AND SEWING

I'm 12 and my birthday is June 30. I have brown hair and blue eyes and I have a sister and two brothers. My hobbies are cooking and sewing and I belong to a 4-H Club. Would like to hear from boys and girls between nine and 13.—Elvera L. Voelker, R. R. 3, Box 112, Altamont, Ill.

### PLAYS IN BAND

I weigh 83 pounds and have blue eyes and blonde hair. I'm in the sixth grade and play in the band. I'm 10 and would like to have girls and boys write to me.—Diane Lenger, R. R. 1, New Douglas, Ill.

### DRIVES TRACTOR

I'm 12 and my birthday is June 13. I have brown hair and blue eyes and my hobby is driving a tractor. I like to ride my bike, too. Would like to hear from boys and girls between 10 and 13.—Donald Becker, R. R. 3, Carlyle, Ill.

### MANY PETS

I'm 10 and my birthday is November 27. I have blonde curly hair. My hobbies are playing ball and riding my bike. For pets I have a dog, a parakeet and four gold fish. I go to London School.—Gene Allen Logue, R. R. 1, Beecher City, Ill.



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Cut more timber for less, lower maintenance cost. Higher performance, longer life, one-man or two-man operation. All sizes. For a saw to fit your needs, see us. Before you buy—SEE IT SAW! Light weight models. Sales and Service.

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14 inch to 7 feet cutting capacity

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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.

MEN, WOMEN, Boys, Girls! Spend 75c—take in \$25.00. Send no money. Address Fred Hoffman, 2471 Yeager Street, Port Huron, Michigan.

FORTUNE POSSIBLE raising fishworms and crickets. We teach you how to raise and where to sell. Free literature. Carter Ranch-H, Plains, Georgia.

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HIGHEST CASH for Old Gold, Broken Jewelry, Gold Teeth, Watches, Diamonds, Silverware, Spectacles. Free information. Rose Refiners, Heyworth Building, Chicago 2, Ill.

WANTED: TWO Gehl Bunk feeder boxes. State condition and price. Edgar Duby, St. Anne, Illinois.

### Farm Machinery & Equipment

GARDEN TRACTORS \$95.00. Complete. Sickle Mower \$38.00. Special prices for winter orders only. Universal Manufacturing, 324 West Tenth, Indianapolis 2, Indiana.

MODERN FARMERS Make \$\$\$ with a Welder! Get the best (Lincoln) REA-approved from the largest farm welder dealer. New — used — buy — sell — trade. Free delivery anywhere! Terms if desired! We teach you Free! Call or write for details! Everything for welding at Mid-East Supply, Fairfield, Illinois.

GUARANTEED SILO-MATIC silo unloaders and auger bunk feeders—feeds up to 300 head in 20 minutes automatically. Wet, hard packed or frozen silage no problem. 30 days free trial. Low Cost. Write Railoc Company, Inc., Plainfield, Illinois.

ATOM FENCE Controller will not short on green grass or brush. Need no insulators on wood post. Money refunded in 20 days if not satisfied. Operates from 110 volts. Two years guaranteed. \$16.50 postpaid. Also C.O.D. Fisher Products Company, No. 3, Owosso, Michigan.

BUY TRACTORS, Trucks, Jeeps and other Government surplus. Bulletin (Published Mondays) lists all sales. Trial subscription: Next four issues \$1.00. Government Surplus, Paxton, Illinois.

FOR SALE: International No. 62 combine mounted motor. Cut 50 acres grain this year. Low price. Clint Logan, Louisville, Illinois.

### Farms, Real Estate

FOR SALE: 115 acres stock and grain farm with crops, good 7 room house, basement, furnace, stoker, hot and cold running water, laundry tubs, good barn, other out buildings, telephone, year round road, reason for selling—owner has other interest. Homer Hindman, Route 2, Ava, Illinois.

A MODEL Farm 525, 375 power farmed lime, phosphated, well watered. Well fenced, 80 Beans, 40 Wheat, 150 Red Clover, 104 Permanent Pasture, 146 Timber and open pasture. No wasteland. Chatt Road, Deep well, modern two story stone dwelling, eight rooms, 40 x 50 frame tool shed, two story frame barn 60 x 120 concrete floors, electricity, scales. All buildings in good repair, this farm will stand inspection. Seventy-five dollars per acre, part can be financed. Owner has other interest. Ike L. Morgan, Johnson County, Vienna, Illinois.

FARM FOR Sale. 80 acres, 40 acres in cultivation, fair improvements, on all weather road. Earl Stanton, Hettick, Illinois, R. 1.

FOR SALE: 114 acres, two houses, two barns, deep well, gas, electricity. Priced right. Mrs. Minnie Karkaker, Anna, Illinois, R. 1.

371 ACRES IMPROVED \$92,000. 340 acres improved \$85,000. 273 acres improved \$49,000. 240 acres improved \$67,500. Kelsey Realty, Shipman, Illinois.

FARMS, RANCHES and Business opportunities in Delta County, Colorado. Located in the famous Gunnison River Valley. Land of abundant harvests and delightful climate, where general crop failures have never been known. Write for catalog to Harding Realty, Delta, Colorado.

520 ACRES LEVEL Minnesota Red River Valley land. Good soil, \$10 per acre. Alfred Aasen, 416 Seventh Avenue South, East Grand Forks, Minnesota.

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WISCONSIN'S FINEST Holstein and Guernsey dairy heifers shipped to you on approval. Write for free price list. Otto Vanderburg, North Prairie, Wisconsin.

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

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FOR SALE: Hampshire boars and gilts. Polled Hereford calves some cows. Hampshire rams, Cheviot rams. Top bloodlines. Eligible for registry. 7 miles North of Golden Gate, Illinois. Wm. McDowell.

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BERKSHIRES. SERVICEABLE Age boars, bred gilts and Spring pigs either sex. Black Diamond Stock Farm, Marion L. Schupbach, Sparta, Illinois.

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POEMS WANTED For New Songs. Send poems for Free examination. Immediate consideration. Songcrafters, Lyric Dept., 2724 Arcade Station, Nashville, Tennessee.

FREE SET of extra prints with First roll and this ad. 8 exp. 35c, 12 exp. 50c, 16 exp. 70c. Jumbo size in albums. Limited Offer. Pak Pix, PO Box 25, Iroquois Station, Louisville 14, Kentucky.

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YOUR NAME .....  
YOUR ADDRESS .....  
REA Co-op Member? .....

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OFFICIAL PUBLICATION

NOTICE  
OF  
PROPOSED CONSTITUTIONAL  
AMENDMENT

Pursuant to law in such case made and provided, public notice is hereby given that the following proposed amendment to the Illinois Constitution will be submitted on a separate blue ballot to the electors of the State of Illinois for adoption or rejection at the General Election to be held on November 6, 1956.

REVENUE  
AMENDMENT

Article IX

Sec. 1. The General Assembly may define and classify property for taxation, but all such definitions and classifications shall be reasonable and be based solely on the nature and characteristics of the property and not on the nature, characteristics, residence or business of the owner or the amount or number owned. All real estate shall constitute one class, except that lands used for forestry purposes and mineral rights in land may be classified separately. If any class of property is taxed by valuation, such tax shall be uniform as to the class.

Sec. 2. The General Assembly may levy or authorize the levy of such other kinds of taxes as it may deem necessary, which shall be uniform upon the same class of subjects within the territorial limits of the authority levying the tax, but shall not levy or authorize the levy of a graduated income tax.

Sec. 3. The property of the State, counties and other municipal corporations, both real and personal, and such other property, or part thereof, as may be owned by, or held in trust for, agricultural or horticultural societies, non-profit hospitals or schools, religious institutions, cemeteries, or charitable institutions and used exclusively for one or more of such purposes, may be exempted from taxation; but such exemption shall be only by general law. In the assessment of real estate encumbered by public easement, any depreciation occasioned by such easement may be deducted in the valuation of such property. This section shall not deprive the General Assembly of power to classify property for taxation as provided in section 1 of this Article.

Sec. 9. The General Assembly may vest the corporate authorities of cities, towns and villages with power to make local improvements by special assessment, or by special taxation on contiguous property, or otherwise. For all other corporate purposes, all municipal corporations may be vested with authority to levy and collect taxes subject to the restrictions of sections 1 and 2 of this Article.

Sec. 10. The General Assembly shall not impose taxes upon municipal corporations, or the inhabitants or property thereof, for corporate purposes, but shall require the corporate authorities to levy taxes for the payment of liabilities incurred under authority of law. Private property shall not be liable to be taken or sold for the payment of the corporate liabilities of a municipal corporation.

Section 13 of Article 9 of this Constitution is repealed.

Form of Ballot

The proposed amendment to Article IX will appear upon the constitution ballot in the following form:

PROPOSED AMENDMENT TO  
SECTIONS 1, 2, 3, 9, and 10 of  
ARTICLE IX AND FOR THE  
REPEAL OF SECTION 13 OF  
ARTICLE IX

(Revenue Amendment)

Explanation of Amendment

This amendment would revise Section 1 of Article IX of the State Constitution so  
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as to permit the General Assembly to classify property for tax purposes, subject to the following restrictions: (1) the classifications are to be based on the nature and characteristics of the property and not on the nature, characteristics, residence or business of the owner or the amount or number owned; (2) all real estate is to constitute one class, except that lands used for forestry purposes and mineral rights in land may each be classified separately; and (3) if any class of property is taxed by valuation, such tax is to be uniform as to the class.

This amendment would also revise and simplify Section 2 of Article IX, dealing with the levy of miscellaneous types of taxes, but would require such taxes to be uniform as to the same class of subjects within the territorial limits of the authority levying the tax. The levy of a graduated income tax would be forbidden.

Other changes are merely routine. This amendment revises Section 3 to require ownership or its equivalent—and not mere use—as a basis for exemption of charitable, religious, and other similar property from taxation. In addition, non-profit hospitals would be added to the list of institutions and purposes for which the General Assembly may grant tax exemption by general law.

Sections 9 and 10 would be revised to subject the taxing powers of cities and other local governments to the same restrictions as apply to the General Assembly. The language in regard to obligations of these governments would be broadened, requiring them to levy taxes not merely—as now—for “debts contracted” but rather for “liabilities incurred.”

This amendment would, in addition, repeal obsolete Section 13, which was adopted in 1890 to authorize the corporate authorities of Chicago to issue Columbian Exposition bonds.

YES	For the proposed amendment to Sections 1, 2, 3, 9, and 10 of Article IX of the Constitution and for the repeal of Section 13 of Article IX of the Constitution (Revenue Amendment).
NO	

\* \* \* \* \*

CAPITOL BUILDING  
Springfield, Illinois

OFFICE OF THE  
SECRETARY OF STATE

I, CHARLES F. CARPENTIER, Secretary of State of Illinois, do hereby certify that the foregoing is a true copy of the proposed amendment and the form in which said amendment will appear upon a separate blue ballot at the General Election to be held on the Sixth day of November, A. D. 1956, pursuant to Senate Joint Resolution No. 16, Senate Joint Resolution No. 30, and Senate Joint Resolution No. 32 of the Sixty-ninth General Assembly, the originals of which are on file in this office.

IN WITNESS WHEREOF, I hereunto set my hand and affix the Great Seal of the State of Illinois. Done at my office in the Capitol Building, in the city of Springfield, this 10th day of January A. D. 1956, and of the Independence of the United States the one hundred and eightieth.

CHARLES F. CARPENTIER,  
(SEAL) Secretary of State

Grass Growing Machine

(Continued from page 6)

it a disadvantage. “I would have to be out here anyway, I may as well be looking after the machine,” he reasons.

Both men agree the machine has possibilities. Russell thinks it would be ideal for the farmer who pastures



FORMER REA Administrator Claude R. Wickard (left) congratulates newly-appointed head of REA, David A. Hamil, at French Lick, Ind., where both addressed the National Electric Cooperative Press Association meeting, last month. The association is composed of editors of 24 state electric co-op publications with a combined circulation of nearly 2,000,000 REA co-op members. It was Hamil's first public address since taking office recently. Wickard is running for the office of U. S. Senator from Indiana.

Clyde T. Ellis, general manager of

the National Rural Electric Cooperative Association, Washington, D. C., also addressed the editors.

Hamil expressed the hope that his administration would be a credit to the “great rural electrification program.”

Wickard commented: “You state editors have a great responsibility . . . You have done more than I ever thought you could when you first started out. You will have even more to do in the future. Meet your challenge factually, fully and fearlessly and you will win—and so will the nation.”

his sows, while Erdman believes it would help the small dairyman who lacks a lot of good pasture. “Only time will prove its value,” they add as a note of caution.

Both men are members of rural electric cooperatives. Russell belongs to Eastern Illinois Power Cooperative, of Paxton, while Erdman is a member of Corn Belt Electric Cooperative, of Bloomington.

Herd Average—15,000 lbs.

(Continued from page 9)

ernizing his dairy to grade A. He sells grade B milk, but nevertheless still gets around \$3.50 a hundred for it.

During the crop seasons, Renken tends to the field work on the 280-acre farm. His wife does all the milking, and helps to keep the records.

The calves come in the fall, or winter, and only the best ones are kept in the 30-cow herd. The rest are culled and sold. Cows, 10 years and older, slowing down in production are marketed.

Brown Swiss are dual-purpose cows and sell high, Renken says. For instance he sold a 10-year-old for beefing and got 13½ cents a pound.

She weighed 1865 pounds. “It's hard to lose with this type of cow.”

But, of course, all is not smooth sailing either, he quickly adds. “If you don't check the cow's back-ground carefully, you can get stuck.” I've learned it's best to check at least seven generations back. Then, you have a good idea of what to expect.”

Renken is a member of Menard Electric Cooperative of Petersburg. He is also secretary-treasurer of the Canton 5 Brown Swiss District, which includes 13 counties. He is also a director of the State Brown Swiss board.

Fogging Controls Flies

(Continued from page 7)

the Electric Sprayit Division, Thomas Industries Inc., Sheboygan, Wis. They are trademarked Sprayit, and are on sale at implement dealers and hardware stores. Additional information is available by writing the manufacturer.

The deluxe unit is UL-approved. The sprayer can also be purchased with compressor but without the motor, for farmers who have portable electric motors not now being used. The price of this unit is \$46.95.



## News From NORRIS Electric Co-op

Newton  
Damon Williams, Manager



This year, like previous years, has been another busy one for us. Pole inspection and preventative maintenance of our power lines is now an important part of our work. Almost 12,000 poles have been inspected during the last 12 months and dangerous poles have been replaced or strengthened by use of stub poles. As usual, falling trees, lightning, and woodpeckers continue to weaken and destroy some poles while natural decay just below ground level is responsible for the failure of others.



Damon Williams

Our spray crews are still fighting their never-ending battle for brush control under the lines. During the past year, they have covered more than 600 miles of line with an average of nearly 80 miles per month for the last three months.

Our new Annapolis substation has been constructed and energized. Heavy feeder lines have been completed, and sectionalizing of these lines should be completed by the first of September.

All outside personnel and office employees have had plenty of work to do and it seems unlikely that any of us will have idle time on our hands during the months to come.

### Home Freezers

About 1500 home food freezers have been purchased by our members and added to our lines within the past four years. Everyone seems to know the advantages of using their own home freezer and we are expecting many more to be put into use in the future.

For best performance, the freezer should be defrosted when the frost is about one-half inch thick. Larger accumulations of frost take up freezer storage space, make the freezer inconvenient to use, and decrease freezer efficiency.

It is best, but not always convenient, to defrost the freezer when it is nearly empty. Any food in the freezer should be removed, well wrapped in paper, and stored in the coldest place available during the defrosting operation.

Frost may be removed by scraping but this should be done according to the manufacturer's instructions since the inside finishes of some freezers would be scratched and marred with the sharp edge of a scraper. About once a year the freezer should be disconnected, defrosted, and washed with soda water to remove odors.

If the freezer is opened more than necessary or left open for longer periods, frost may accumulate and require more frequent defrostings. Escape of moisture from improperly wrapped foods add extra frost to the freezer and also reduces the quality of the food. If frost accumulates around the door opening it is usually an indication that a new door gasket is needed.

Defrosting the freezer when necessary, will make it more efficient and keep the frozen food in better condition.

### Outdoor Lighting

Have you ever stopped to consider the important benefits of a well lighted farm yard? Plenty of light will help to prevent accidents and theft and thereby save you money as well as add to your family's comfort and enjoyment.

A well lighted yard helps to keep prowlers and predatory animals away. It gives you cheap protection from losses to poultry and livestock.

Accidents may often be avoided because good lighting enables you to see the tools or objects that you might otherwise bump against or stumble over. You may have noticed that most of the well-kept farm yards are well lighted, and it is the un-

### OUTAGE CALLS

Office hours: 8 a.m. to 5 p.m., Monday through Friday. Closed on Saturday. Telephone 404—Newton. To report an outage after Office Hours call Mrs. Wilma Bever, Newton; Joe Ware, John Tabb, or Gene French, at Newton; Francis Smith at Claremont, or Freeland Swarens at Lawrenceville.

lighted areas or poorly lighted areas that are allowed to become most untidy and hazardous.

Often there may be odd jobs that can be done under a yard light rather than take valuable daytime hours during a busy season. Trucks may be loaded or unloaded, machinery made ready for the next day's work, and many other things that every farmer may need to do.

Good yard lighting is low in cost, and this is a good time of the year to have those extra lights installed where you need them most.

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

Auburn  
Ralph V. White, Manager



Office Hours—7:30 a.m. to 4:00 p.m. Monday through Friday. The office is closed all day Saturday. Telephone number—Auburn 3205. After office hours call Divernon 19. Make trouble calls to the outage reporter on your telephone exchange. The outage reporter will notify the cooperative office.

Your cooperative's annual meeting date is here. On August 6, starting at 7:30 p.m., D.S.T. There will be an evening of entertainment. A rural talent contest will be featured. You are invited to attend. Tell your neighbors about it. Your city cousins are also cordially invited.



R. V. White

Your electric cooperative's 19th annual meeting will be held August 7, starting at 10:30 a.m., D.S.T. An early bird award will be drawn from among the names of those members registering before 10 a.m. These members will also be eligible for the other wide variety of attendance awards to be made at the close of the meeting.

Every member who registers will receive a gift.

### Bonus Offer

Probably by now, all members are aware of the free installation bonus made by your cooperative. Here are the highlights of the plan. For full details contact your appliance dealer or electric cooperative. You have to be a new user of the appliance before September 1. Install it, have it inspected and present the electric wiring invoice to your cooperative. These maximum amounts will be allowed:

Range, \$20; water heater, \$15; home freezer, \$10; home pressure water system, \$10; clothes dryer, \$10; air conditioner, \$7.50.

In addition to the free wiring bonus for certain electrical appliances, here is a special bonus offer for members who purchase at the annual meeting. Here is the plan:

Buy your new electrical equipment at the co-op annual meeting. Be sure to register at the registration table before noon.

## News From SOUTHEASTERN Electric Co-op

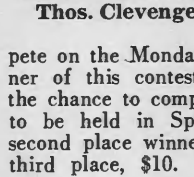
Eldorado  
Thomas Clevenger, Manager



Now that August is here, we again turn our plans and thoughts to the annual meeting. The meeting this year is to be held on Monday night and Tuesday, August 20 and 21 at the co-op building in Eldorado.

The highlight of the Monday night show will be the talent contest. The contestants for the talent show have been appearing on WSIL-TV for the past several weeks. The 10 best acts will be selected ahead of time and they will compete on the Monday night show. The winner of this contest will receive \$25 and the chance to compete in the state contest to be held in Springfield in Sept. The second place winner will receive \$15, and third place, \$10.

Thos. Clevenger



The following is a list of telephone numbers which may be called when necessary to report an outage, or any trouble on the lines: Between 8 a.m.—5 p.m., Monday through Friday, call Eldorado 610. Emergency calls at hours other than those mentioned, call: Eldorado 264J, Benton 5971, Golconda 13-R-2, Cave In Rock, Atwater 92266, Harrisburg 1430, 173. Ask your operator for correct exchange.

The displays will officially open at 5 p.m. on Monday. We are planning some very interesting displays of new electrical merchandise from various dealers. One of the outstanding items will be the electronic oven. Don't miss this! Don't forget to inspect these displays.

### Other Events

Other events of the evening show will be the demonstration by the Illinois safety and job training group, the very entertaining team of Nardini and Nadyne, and the Prophets Quartet. The Prophets will entertain at intervals during the entire show. We will also have free pony rides for the kiddies on Monday night and Tuesday. A Roy Rogers movie and cartoons will also be shown for the kiddies on Monday night. Don't miss this evening of very fine entertainment!

The business session of the meeting will convene at 10 o'clock Tuesday morning with the president of the board of directors, Escol Oxford of Cave In Rock, presiding. Registration will begin at 8:30 a.m., Tuesday. In order to be eligible for the early bird award, which is a Kelvinator electric range, you must be a member and be registered before 10 o'clock. The regular registration will be completed by 11:30 a.m. If you are not registered by then, you will not be eligible for any of the attendance awards to be given away at intervals during the afternoon session. We have many valuable awards to give away to some co-op members, so be sure and register!

There will be a State Police demonstration on radar during the Tuesday meeting. The Prophets and the specialty act of Nardini and Nadyne will appear on the Tuesday program. We will also present the winners of the talent contest again on Tuesday afternoon.

The highlight of the afternoon program will be the beauty contest. Some lucky girl will win the privilege of representing Southeastern at the state contest in Springfield in Sept. At that time a winner will be chosen to represent Illinois in the national contest to be held at Chicago in March 1957. Your co-op has had a second and third place state winner. This year we would like to have Southeastern take first place. If you have an eligible young lady between the ages of 16 and 22 in your family or neighborhood, have her enter the contest.

Keith Pierce will again be present to entertain you with the electric organ. He will appear at intervals all during the various programs.

Bill Plater, talented cartoonist and announcer from WSIL-TV in Harrisburg, will act as master of ceremonies for the entire program.

Plan now to attend. We will have ample parking space for everyone in the large area across from the co-op building. Bring the family and spend the day. There will be sandwiches and drinks available at reasonable prices in the various refreshment stands. Don't miss this meeting!

You can grow your own Christmas trees in your own garden by planting two or three seedlings every year and then replacing those you harvest at the end of five or six years.

## News From M. J. M. Co-op

Carlinville  
A. C. Barnes, Manager

Each month from now until the annual meeting we will remind you in this column that the annual meeting this year will be held at Litchfield in the Litchfield Community High School Gymnasium on Saturday, November 3, beginning at 10:30 a.m. We are doing this because it is a change in the meeting place and we want all our members to know that we are moving it to another location this year. We hope that we will have as large an attendance as we have had in the past.



A. C. Barnes

### Strains Wiring

New home appliances are bringing more comforts to more people each year and each appliance increases the strain on the electrical system. Many modern homes are not so modern when it comes to wiring. The result can be more costly operation and less efficiency from appliances.

As an example, with only a 10 per cent reduction in voltage due to inadequate wiring a broiler takes 34 per cent longer to heat. Most homes that are 30 years old were wired primarily for lighting and are considered modern homes today. Yet the wiring is inadequate when appliances like air conditioners, ranges, washers and dryers are added.

Then too, in many cases most appliances are all operating at the same time. For instance, the electric range may be on and at the same time clocks, television, refrigerator, home freezer, water heater and other appliances are consuming electric energy. This puts a tremendous strain on wiring which was installed before these appliances were purchased and added to the system.

This often causes inefficient operation of the appliances. In most cases, the air conditioner is the latest appliance added



### TELEPHONE NUMBERS FOR OUTAGE CALLS

Office Hours—8:00 a.m. to 5:00 p.m. except Saturday and Sunday, holidays.  
Carlinville 136.  
Aerio Balestri, Hillsboro KE 2-3357  
Claude McAfee, Brighton 40.  
Charles W. Witt, 803 Sumner St., Jerseyville 296-W.  
B. W. Bandy, 830 School St., Hillsboro KE 2-5247  
Delmar Miller, Nichols St., Carlinville 669-Y.  
Howard Bloomfield, Carlinville 153-L.  
Lloyd Green, Jerseyville, 839-W.  
James Hopper, Carlinville 321-X.  
Ralph Sides, Carlinville 687-X.  
Preston E. Barkley, Carlinville 687-L.  
If lineman does not answer and for any other business aside from trouble, call A. C. Barnes, Carlinville 718.  
**KEEP THIS LIST NEAR YOUR TELEPHONE.**  
CHECK with your neighbors to see if their lights are out before calling. Then report the line outage.  
**COOPERATION INSURES  
BETTER SERVICE**

and if it does not operate properly blame is put on the appliance when rightfully the trouble is due to the fact that the system was overloaded even before the air conditioner was attached.

Here are a few obvious symptoms of poor wiring: fuses blow frequently; appliances start slowly; lights dim when appliances are running; the picture on the television expands or contracts when other appliances are being used.

If you plan to purchase additional appliances, check the wiring on your premises before making these purchases and determine whether you have the proper size of wire to carry the load that the appliances which you expect to purchase require.

It is a good plan to carefully follow the manufacturer's direction about wiring any new appliances. If you will watch carefully these things then there is little danger of your wiring system not being able to carry the load. If you have any questions about the proper wiring, feel free to consult your cooperative office for information.

## News From CLINTON CO. Electric Co-op

Breese  
Joseph Heimann, Manager



### TELEPHONE NUMBERS

From 8 a.m. to 5 p.m., Monday through Friday call Breese, Lambert 6-1631.  
To report line outages or any other emergencies before or after office hours, call:  
Ernest Becker, Breese, Lambert 6-1754.  
Robert W. Vander Pluym, Breese, Lambert 6-1278.  
Robert Hintz, Shattuc, 2423.  
Joseph Huelsmann, New Baden, Justin 88-3262.  
Before reporting a line outage, check with your neighbor first, if he doesn't have service report as a line outage.

Most farm families don't realize how much hot water they use unless they are still getting by, via "kettle-on-the-stove" methods. If so, they use it sparingly and not in the quantities they desire, or require, for good health and cleanliness.

Now that the rural "Saturday night bath" is rapidly becoming outmoded, it might be surprising to know how much hot water farm families having water systems use in a month. Here are the records for a family of four: 486 gallons for washing hands, 224 gallons for the tub baths, 252 gallons for dishwashing and 120 gallons for laundry. Add to this amount 30 gallons a month for shaving needs for the head of the house and you have a rather impressive total.



J. Heimann

### New Appliances

Water heater, Erwin Kalmer, Paul Torrence. Electric range, August F. Curdt. Home freezer, August F. Curdt. Roaster and frypan, L. J. Lane. Sewing machine, L. J. Lane. Ice cream freezer, W. L. Walthes. Water system, Paul Torrence.

### Operating Report

Miles of line	748
Connected members	2164
Average bill per farm	\$10.92
Average kwh. per farm	443

## News From ADAMS Electrical Co-op

Camp Point  
Dean Searls, Manager



On June 18, Dorothy Robinson (Mrs. Al Robinson Jr.) of Route 2, Clayton, began her duties as office secretary. She replaces Mildred Barron (Mrs. Herb Barron) of Camp Point, who left our organization on June 29, to join her husband in New York.



Dean Searls

Dorothy graduated from Palmyra (Missouri) High School, and attended Culver-Stockton College in Canton Mo. Prior to joining our office force, Dorothy worked for four years as a civil service employee for the U. S. Government and for seven and one-half years, as head of the accounting department of Motorola, in Quincy.

Stop in and get acquainted with this new employee of your cooperative. You'll like her friendliness and pleasing manner.

Members, who attended and registered at our annual meeting on July 31, have until September 1, to install one or more of the following pieces of equipment, and receive their choice of a free electric fry-

pan or sheet. The bonus items are:

Electric range, electric water heater, water system, electric clothes dryer, home freezer, automatic electric stock waterer.

The member must be a new user of this equipment and must buy from a dealer who displayed at our annual meeting. In addition to the free electric frypan or sheet, the members who purchase an electric range or water heater, will receive a free installation. If you have any questions about this offer, contact our office manager or any member of our power use department.

### Now Is History

Our 17th annual meeting is now history and already we are making plans for next year's meeting. The program was planned for your information and enjoyment, and we hope that the majority of the members who attended the meeting were pleased with it. We realize that it is impossible to please everyone in every respect.

If it were possible to do so, we would all buy the same cars, watch the same TV programs, and eat the same food. It is our intention to please as many people as possible, and we welcome your comments about this year's meeting. Your suggestions, no matter how small or seemingly insignificant, may help to make our 1957 annual meeting more enjoyable to all.

## News From MENARD Electric Co-op

Petersburg  
Howard O. Bell, Manager



During July Harry A. (Buzz) Houseworth, at his request, was retired from his position as assistant manager of Menard Electric Cooperative. He started working full time for the cooperative in February 1938, but had done organizational work for it prior to that time. During the time he was with the cooperative he worked at almost every job that was connected with building and maintaining the rural electric lines.



H. O. Bell

The greater portion of his time was spent in securing right-of-way but he served as lineforeman during World War II while the regular lineforeman, Albert Hinrichs, was serving with the armed forces. He was eligible for retirement in July 1955, and had made plans to do so, but due to the illness of the manager at that time, he postponed his retirement and accepted the responsibilities of assistant manager, which position he held at the time of retirement.

Buzz is well known throughout our entire service area and we are sure his many friends will join the entire cooperative personnel, the board of directors in wishing him a healthy and happy retirement.

### NEW EMPLOYEES

On June 12, Miss Beverly Whitehurst started working for Menard Electric Cooperative as stenotypist. She replaces Mrs. Erna McNeal who had been temporarily filling this position during the illness and subsequent death of Mrs. Elizabeth Ram-

say. We welcome Miss Whitehurst to our staff and we also extend our thanks to Mrs. McNeal for helping us out.

### Vo-Ag Tour

On June 28 and 29, the F.F.A. section winners, of Vo-Ag electric projects in west central Illinois, were conducted on a two-day tour sponsored by the Illinois Farm Electrification Council as an award for their achievements in electrical projects. The first day of the tour started with a visit to a strip coal mine near Canton, which is served by the Spoon River Electric Cooperative.

The trip included visits to the Illinois Power Company's generating plant at Havana, the Henry Roat dairy and grain farm three miles southeast of Havana, and the William Lane dairy and grain farm, five miles southwest of Kilbourne. Both of these farms are served by Menard Electric Cooperative. The day also included a visit to Menard Electric Cooperative's headquarters office and its Poplar City substation. The day ended with a tour of New Salem State Park, south of Petersburg.

The second day included more visits to farms and offices of the C.I.E.C. and Illinois Power Company at Lincoln and Decatur.

The five winners who made this tour were: Kenneth Krause, Easton; David Winkelmann, Ashland; David Ernst, Hamilton; Barr Stoutenborough, Maroa; and Roger Spires, Minonk.

We are happy to have had a part in this tour and want at this time to extend our thanks to members Roat and Lane for making their farms available to us.

# News From SOUTHWESTERN Electric Co-op

Greenville  
V. C. Kallal, Manager



**TELEPHONE NUMBERS**  
Bond County—Office, Greenville. Tel. 1025. Office Hours: 8:00 a.m. to 5:00 p.m. except Saturday, Sunday or Holidays. Before or after office hours call: Paul G. Morgan, Greenville 796; Jack Compton, 984 or V. C. Kallal, Greenville 379. Fayette County—W. E. Jones, St. Elmo 326. Madison County—Ed Barnes, Edwardsville 1037.

An important privilege and obligation too often overlooked by cooperative members is the annual meeting. At an annual meeting, the members exercise their rights in selection of directors. At the same time, they hear the reports of their officers on the progress of the cooperative business.



V. C. Kallal

As owners of the business, the members can make suggestions to their directors and officers at any time, but they have the best opportunity to do so at the annual meeting. Perhaps many of the members hesitate to advise their elected directors on the operation of the business. However, this is the wrong attitude.

Should any one of the members become directors, we are sure that they would more than welcome any and all suggestions for the improved welfare of the jointly-owned enterprise. The very word cooperative implies that all members take an active part in the affairs of the business,

even if it be no more than keeping up to date on the problems and their proposed solutions.

Therefore, all members who possibly can, should plan to attend the 18th annual meeting of the members to be held at the fairgrounds at Brownstown, on August 10. Your board of trustees has worked diligently to plan an interesting meeting.

### Electrical Exhibits

As in the past several years, the meeting will be held under a large auditorium tent. Another tent will house the exhibits of electrical appliance dealers.

The beauty and rural talent contests will be continued this year. These two contests afford a little diversion from the business meeting and are much appreciated by the members attending the meeting. Talks and demonstrations help to fill out the program.

About the time that you get this issue of the Illinois Rural Electric News, you will also get a copy of the August issue of your cooperative newsletter, the "Southwestern." Be sure to go over it carefully. It will contain the official notice of the annual meeting, some reports and other information about your cooperative in which you will be interested.

Rules and entry blanks will be found in the newsletter covering both the beauty and rural talent contests. Also, a notice will be found telling you how you can get a frypan free by purchasing one of several appliances from dealers exhibiting at your annual meeting. Our best suggestion is for you to plan now to attend this important annual meeting of the members.

# News From ILLINOIS VALLEY Electric Co-op

Princeton  
F. I. Ruble, Manager



If you notice the difference in the quality of the news in the Illinois Valley Electric Cooperative column this month, it is because your regular columnist, Fred Darr, is not at the helm.

Fred was taken ill on July 4, and at this writing is still confined to Perry Memorial Hospital, in Princeton, Room 106.

We are happy to report that he is well on the road to recovery, but will need to rest for some time before being able to resume his normal duties.

Fred wanted us to thank all the folks who have been so kind to him and for all the cards and flowers. Fred is always the first one to remember others in time of illness, and he is somewhat overwhelmed that so many have not forgotten him now.

Now, for the task of trying to fill his shoes in preparing this month's news:

### New Transformers

Three new large substation transformers were shipped to Altona on July 6. On July 10, the cooperative employed the services of Ratliff Brothers of Kewanee, to haul the transformers from Altona to the substation, using their large crane and low trailer. These transformers are constructed so that they may be used at either 34,000 or 69,000 volts, and are each of a 667 KVA capacity.

These transformers will be installed in the Altona substation soon. They will replace the transformers now in use, serving all of the members in the Victoria and

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 3-0121 Leonard Sifford, 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 Farrell Brooks Phone 2423-L, Ottawa

**NOTE:** Members in Galva and Ottawa areas please try to report trouble to your maintenance man before calling Princeton.

Cambridge area, and most of the members west of Kewanee. When installed the new transformers will double the capacity of the ones now in use. We hope this will be adequate enough to supply the members' needs for a long time.

The work of changing the transformers will be done by cooperative personnel and will require about five hours of time. During this time it will be necessary to shut off the electricity so that the men can do the work safely. A time will be selected for the work that will cause the least inconvenience to the members during the service interruption.

Members affected will receive notice ahead of time so they can store water, or otherwise be prepared. We find that the work can be done more quickly in daylight. We believe it will be best to start it at 1 o'clock in the afternoon.

# News From WAYNE-WHITE Electric Co-op

Fairfield  
Owen W. Chaney, Manager



The most important part of any organization is its members. Whether it be a church, a school district, a farm cooperative, a lodge, a civic group or a rural electric cooperative, the members are the foundation of the organization and without a good foundation, the organization will soon crumble.

Of course, any organization to function, must have a board of directors or an executive committee with a chairman and secretary to look after details and to keep the members informed of progress and activities. Most organizations such as our rural electric cooperative hold an annual meeting of members to hear reports of officers, to review the past year's business and to elect directors for the coming year.



O. W. Chaney

The date, time and place of this meeting has been set by the Board of Directors for Tuesday, August 28 at 10 a.m., Wayne County Fairgrounds, Fairfield. This will be the 18th annual meeting and should be attended by all co-op members.

There are many reasons for holding a meeting of this kind. Of course, the need to have an annual business session is the important reason, but others, such as be-

In addition to increasing transformer size in the Altona substation, it is planned that the lines north of the Altona substation will be changed to new, heavier wire this year in order that adequate voltage may be maintained to the members at all times.

We are wondering how many members will take this time to check the wiring on their own premises, to make sure that it is keeping up with the increased use of electricity. The cooperative can do all the work of providing larger substations and heavier wire on the highline, but it will only improve the service up to the meter, unless the member has brought his wiring up to meet present day needs.

### Attend Your Meeting

Are you planning to attend the cooperative annual meeting on September 25, of this year?

If you have never attended an annual meeting before, why not do it this year? Come and see the progress that has been made by you and all the other members of your cooperative, since the day you all got together and decided to have electricity on your farms at a reasonable cost.

The directors you have elected to represent you, and the management would like for you to come and learn more about this, your cooperative, and to know our problems, so that whenever the security of your cooperative might be threatened, you will know what to do. You can help to protect your co-op for yourselves and your children.

Remember the date—September 25, at the Apollo Theatre, Princeton. At 12:30 p.m. D.S.T. we will be looking for you.

There have been many interesting happenings in the area in 4-H, FFA and FHA, about which Fred would have written had he been able to do so, and with which only he is familiar because of his active participation in these events. But we are not capable of giving an account of them and so will wait for him to do it right.

We would like to call this to your attention, however:

Terrance Jacobs, son of Mr. and Mrs. Clarence Jacobs, RFD 2, Princeton, who have a beautiful home just north of town, and have been co-op members for a long time, has received an honor that comes as a result of hard work and a determination of purpose

In case of trouble before 8:00 a. m. and after 5 p. m. call the following—  
For White County Call Norman Davis, Carmi, Phone 4-2295 or J. R. Lane 2-757.  
For Norris City area call Chalton Carter, Phone 1-33 or Everett Phillips, Phone 38-J, Norris City.  
For Edward County call Weldon Gallher, Phone 151-M or Bill Bennett, Phone 217-WX, Albion.  
For McLeansboro area call Alfred Venters, Phone 209 JX McLeansboro.  
For west part of Wayne County call Wm. Fleming, Phone 3131, Wayne City, or Dee Vaughan, Phone 2643.  
For eastern Wayne County call Cloyd Musgrave 6276; Charles Mann, 9774; George Harper, 3184; all of Fairfield, Carl Merritt, Phone 6798.

coming better acquainted with fellow members, with your employees and your board of directors, to get new ideas as to better ways of using electricity, and the opportunity to learn more about your electric business, are important reasons why the meeting should be held and why you should attend.

As we told you in last month's issue of this magazine, in addition to business, we will have some interesting, educational demonstrations, some high class entertainment, a rural talent contest, a beauty contest, and, last but not least, the usual number of attendance gifts will be awarded.

This is your meeting. Plan to attend.

Terrance has been awarded the \$1,000 scholarship to the University of Illinois by the American Dairy Institute to study dairy technology. Terry will receive \$125 every semester for four years.

He is a 1956 graduate of Princeton High School and won the Agricultural Achievement award presented by the DeKalb Hybrid Corn Company, for being the outstanding agriculture senior at the high school this year.

Terry has accepted the scholarship and will begin his studies at the University in September. He is a fine example of American youth. With all this talk now-a-days of juvenile delinquency, doesn't it do your heart good to see what can be done when a boy or a girl is raised in the wholesome atmosphere of rural America, by fine understanding parents who encourage and help a youngster to be a good, solid citizen.

It is with a feeling of real pride that we can bring this kind of story to you. We know that everyone shares our feeling when we say, Sincere congratulations to you, Terry, and to your parents, and to all the boys and girls who like you are going in the right direction to a successful future.

\* \* \*

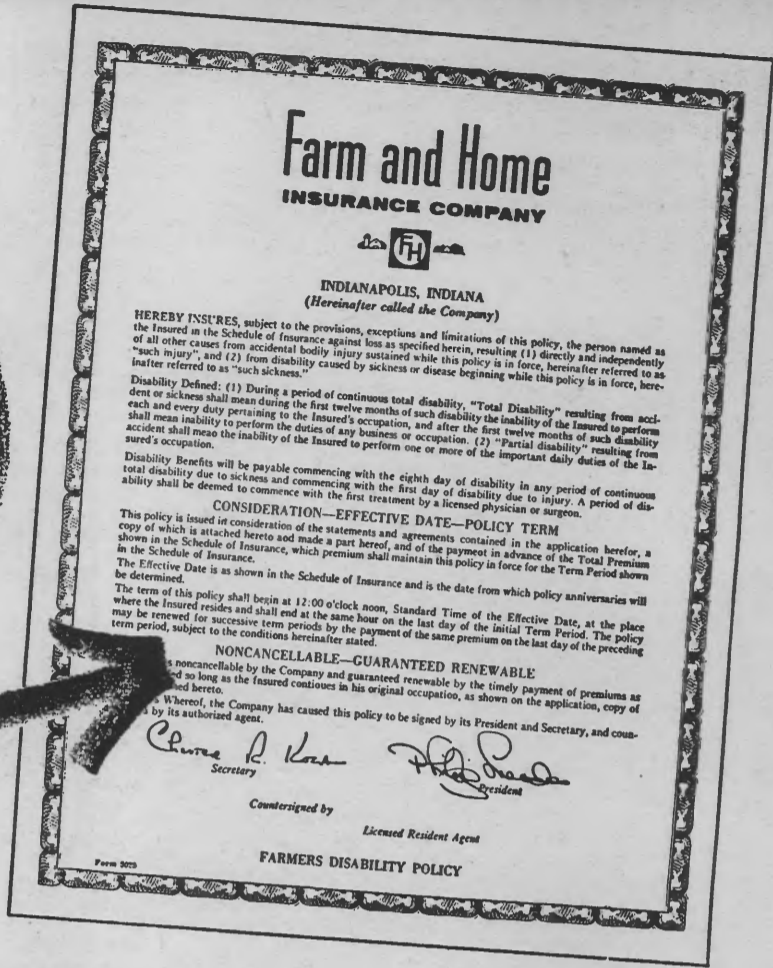
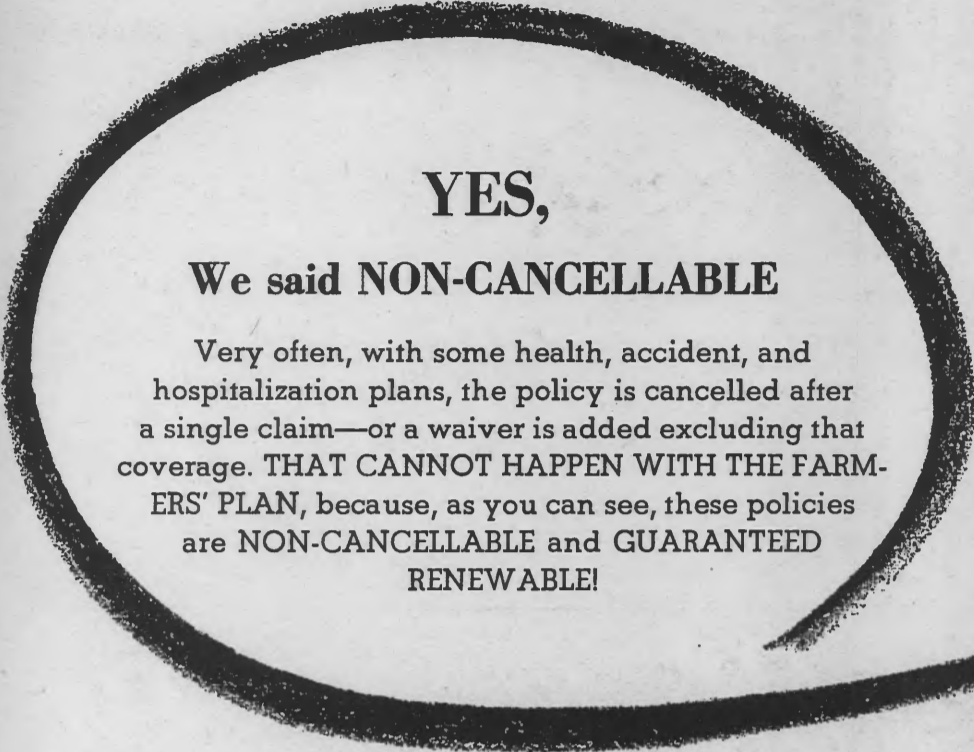
Don't forget this is fair time again, and here are the dates for those fairs in the area served by your cooperative: Henry County Fair, August 7-10, at Cambridge; LaSalle County 4-H Fair, August 7, 8, 9, at Ottawa; Bureau County Fair, August 21-24, at Princeton; Marshall-Putnam County Fair, August 28-31, at Henry.

We hope that these "Cub Reporter" ramblings have not been too far afield of the subject of news. We also hope that next month Fred will be able to take over the reins and get the column back on its feet.

Using a combine to pick and shell corn saves the investment in a picker, lessens the danger to the operator and eliminates shelling at the crib.

You can soon recover the cost of a simple pig brooder in the pigs it will save.

# THE FARMERS' PLAN is NON-CANCELLABLE



You owe it to yourself and to your family to **INVESTIGATE** and **COMPARE** before you buy!

### ACCIDENT

- Pays \$10,000 for accidental death anywhere.
- Pays \$10,000 for loss of any two or combination of two members in ordinary accidents.
- Pays \$5,000 for loss of one foot or one hand.
- Pays \$3,333 for loss of 1 eye.
- Pays \$100-\$200 per month for loss of time due to accident, even for life.
- Pays \$200-\$400 per month while confined in licensed hospital up to 3 months in any one case.

### SICKNESS

- Pays \$100-\$200 per month for loss of work time due to illness (1 or 2 years, your choice).
- Pays \$200-\$400 per month while confined in licensed hospital, up to 3 months, any one case.
- Pays for 2 months out of each year for time lost due to pre-existing condition, if such condition is noted on application, and applicant is not under doctor's care at the time.

### HOSPITALIZATION

- \$8.00 or \$12.00 per day on room—YOUR CHOICE!
- Up to \$80.00 allowable for unallocated hospital expense for each confinement.
- Up to \$80.00 allowable for out patient emergency treatment for accidents.
- Up to 5 times daily room-rate allowable for pre-existing condition.
- Each confinement 90 days.

### SURGICAL BILLS

- Liberal payment for scheduled operations, dislocations, and fractures. Pays according to schedule up to \$200, in or out of hospital.
- Includes liberal benefits for X-ray treatments for cancer and tumors and deep X-ray and radium therapy when necessary, even in the doctor's office or laboratory.

### MATERNITY BENEFITS

- HOSPITALIZATION: Pays 10 times daily room-rate. Full amount paid.

- DOCTOR BILLS: Pays \$50 minimum for single birth, \$100 for twins or Caesarean. Also pays \$40 for miscarriage, and \$125 for tubular pregnancy.
- No waiting periods as long as start of pregnancy follows issue date of policy. Pays for miscarriages and pre-mature babies.

### DOCTOR BILLS PAID

- Pays for doctor's visits at home, office, or in hospital up to a maximum of \$150 per claim, on a per visit basis. Five calls each year for pre-existing conditions.

### POLIO BENEFITS

- Pays \$500 for medical and hospital expense, and \$500 for orthopedic appliances . . . a total of \$1,000 for polio paid in addition to all other benefits!

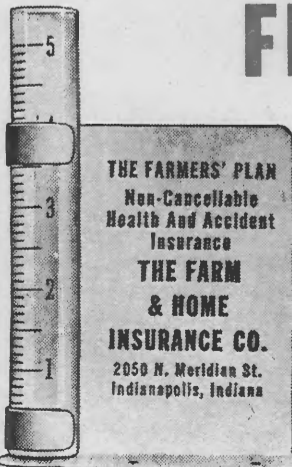
### HERE'S WHY THE FARMERS' PLAN WILL ALWAYS PROTECT YOU WHEN YOU NEED IT MOST:

1. Policy is Guaranteed Renewable and **NON-CANCELLABLE BY COMPANY**. Remember, you **OWN** this insurance protection—you do not **RENT** it.
2. If a claim for the same disability re-occurs, full benefits are paid, no matter how often it re-occurs.
3. No waiting periods.
4. Covers you wherever you may be, any place in the world.
5. No house confinement ever required for illness or accident.
6. No physical examination when applying for policy.
7. No decrease in benefits as you grow older.
8. No termination because of increasing age.
9. Rates can never be increased after policy is in effect. One rate for family. No extra charge for additional children.
10. No policy or joining fees.
11. Special provisions for pre-existing conditions.

NOTE: The benefits outlined here do not apply to policyholders while in military or naval service. Also, The Farmers' Plan does not cover insanity or dental treatment.

The above benefits are resumes of our policies numbered 5025, 5021, and 3903.

Sold on a Positive Money Back Guarantee if policy is not exactly as represented within 30 days of policy issuance by **THE FARM & HOME INSURANCE COMPANY**, Indianapolis, Indiana.



## FREE Rain Gauge

Just for letting us tell you more about  
**The Farmers' Plan**

This rain gauge, which actually records the amount of rainfall, is a sturdily-constructed device that will last for years and years. And, it's an item that you'll find to be very useful. If you are a farmer, and over 18 years of age, simply clip and fill in the coupon, mail it to us, and you will receive your rain gauge . . . **FREE OF CHARGE.**

## MAIL THIS COUPON

I am a farmer over 18 years of age, and I wish to receive information about The Farmers' Plan, along with my free gift. I understand there is no obligation. I am interested in:  Income Protection  Hospitalization for an individual  Hospitalization for Family. My age is .....

Name .....

Address .....

City ..... State .....

Detach and mail to:  
 Department IREN-8  
**THE FARMERS' PLAN**  
 Farm & Home Insurance Company  
 2050 North Meridian Street  
 Indianapolis, Indiana