

*Illinois*  
**Rural Electric News**

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## Our Cover

As far as young Kent Keller is concerned nothing is as good as mule-power for cultivating truck garden crops. He has a team of mules which he uses on his small farm near Dongola. He raises tomatoes, green peppers and beans. The sure-footed mules hardly ever trample a vegetable, he says. Keller is a member of Southern Illinois Electric Cooperative.

# Urge REA Legislation

Rural electric leaders from many states went to Washington, D.C. last month to testify before Congressional committees on the Humphrey-Price bill.

The legislation, sponsored by Senator Hubert Humphrey of Minnesota and Rep. Melvin Price of Illinois, would restore to the administrator of the Rural Electrification Administration the authority over approving loans to electric co-ops that Secretary of Agriculture Ezra Benson has taken away.

Secretary Benson and his aides argue as follows: 1. The REA Act gives them authority to make REA Administrator David Hamil submit all loans for over \$500,000, for final approval by the Secretary's office. 2. The effect of such a policy is insignificant.

Rural electric co-op representatives, however, pointed out at the hearings that the policy jeopardizes the future of the REA program. They urged that the Humphrey-Price legislation be passed.

Appearing on behalf of Illinois Rural electric systems, Homer T. Brown, a farmer and president of Menard Electric Cooperative of Petersburg, explained why co-ops feel as they do about Benson's policy.

Brown pointed out that it has always been the intent of Congress that REA be non-partisan and that the full authority over all loans be vested in the REA Administrator, who is appointed by the President with the approval of the Senate, and not in a cabinet officer, who is a partisan politician.

Brown echoed the fears of all supporters of the REA program when he said: "I believe that this new policy (Benson's) will hurt co-ops regardless of which party is in office. It can mean an end to the right of co-ops to funds to build their own generation and transmission systems should power company suppliers decide to raise their prices. The ability of co-ops to secure generation and transmission loans (all of which are over \$500,000), is the only effective bargaining power they possess when it comes to negotiating wholesale rates."

He explained that the entire history of negotiations with the power companies in Illinois, has proved "over and over again the vital necessity of co-ops being able to get loans for g. & t.," even though only one of the 27 co-ops in Illinois has ever availed itself of such a loan.

"In the early years, for instance, Illinois power companies demanded as much as two cents per kilowatt-hour for their wholesale electricity. To give you an idea of what an exorbitant rate that was . . . most Illinois co-ops retail electricity today for less than two cents per kilowatt-hour in the lower brackets. When co-ops threatened out of necessity to build their own generating plants, the rates came down," Brown said.

Control of REA in the hands of a cabinet officer, which is presently the situation under the Benson policy, will make a political football out of REA and will lead to its destruction.

Congress should pass the Humphrey-Price bill or similar legislation in order to safeguard the future of the rural electrification program.

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MRS. RETA REATHERFORD DESIGNED A KITCHEN THAT COMBINES ATTRACTIVENESS WITH EFFICIENCY.

An expert transforms her own ideas into—

# An Efficient Kitchen

By Mrs. King Reatherford\*

When my husband and I decided to build a new home last year, I made up my mind that I was going to have as efficient a kitchen as possible.

During my years as an interior decorator, I had seen too many women sacrifice efficiency for attractiveness. Actually, I don't see why a kitchen can't have both of these characteristics.

I located the kitchen between a family room and a utility room. All these rooms connect and they extend across the width of the house from front to back. This arrangement, I felt, presented several advantages. The most important was that the kitchen could be compact since I did not have to allow space for a dining table. My husband and I eat in the family

---

\*Before her marriage to Mr. King Reatherford, a farmer near Moweaqua, last year, Mrs. Reatherford had been employed as an interior decorator by a leading Springfield department store. Prior to that she had studied home decorating and planning at college. When the Reatherfords planned their new, five-room ranch home, she had the opportunity to transform her ideas of her "dream" kitchen into a reality. Her ideas should prove helpful to other homemakers who may be thinking about building or remodeling. The Reatherfords are members of Shelby Electric Cooperative of Shelbyville.



All of Mrs. Reatherford's appliances are built-ins and are located against the walls. They are finished in coppertone and match cabinets.

room, which is separated from the kitchen by a sink and counter.

My husband can sit comfortably in his favorite chair in the family room and talk to me while I do the dishes.

Though the kitchen is quite small, I divided the space into two definite work areas. In area No. 1, I placed my sink, work counters, storage cabinets, electric surface units, and dishwasher. I keep all of my dishes, pots, pans, and silverware in this section.

Also, in area No. 1, I have everything I need for preparing a meal. Canned goods are in the cabinet near the range under the cooking units. Vegetables are in a bin near the double sink.

I store all of the staples I normally use in the cabinet to the left and slightly above the range. Dishes and glassware are in a large, double-door cabinet to the right of the stove and within arm's reach of the dishwasher.

I can stand in one spot and hardly have to move more than a step or two to cook dinner. And cleaning up afterwards is nearly as simple since my sink, dish cabinet, and dishwasher are just a step apart.

Area No. 2 is designed mainly for baking and mixing. As in Area 1, I located my appliances and cabinets along the walls in an L shape arrangement.

The staples I use in baking and for salads and desserts, are stored in the second area. I duplicate many of the staples in both areas. I can bake a cake without once having to cross over to the other side of the kitchen.

Area No. 2 contains a wall-oven, refrigerator, and counter-top food mixer. All three appliances are built-ins. In addition, there is counter space next to the oven for placing hot foods and a mixing counter. And then there is plenty of cabinet storage.

My wall-oven serves both areas. It is only a few steps from the surface cooking units. The best thing about a separate oven is that it can be installed at the height most convenient to the homemaker, and it eliminates stooping and bending.

Well, that's the description of the way I laid out my kitchen. I am very pleased with the arrangement and find that, despite my kitchen's small size,



Mrs. Reatherford has nearly everything she needs to cook a meal within arm's length of surface-top electric units. Clean-up is equally simple.

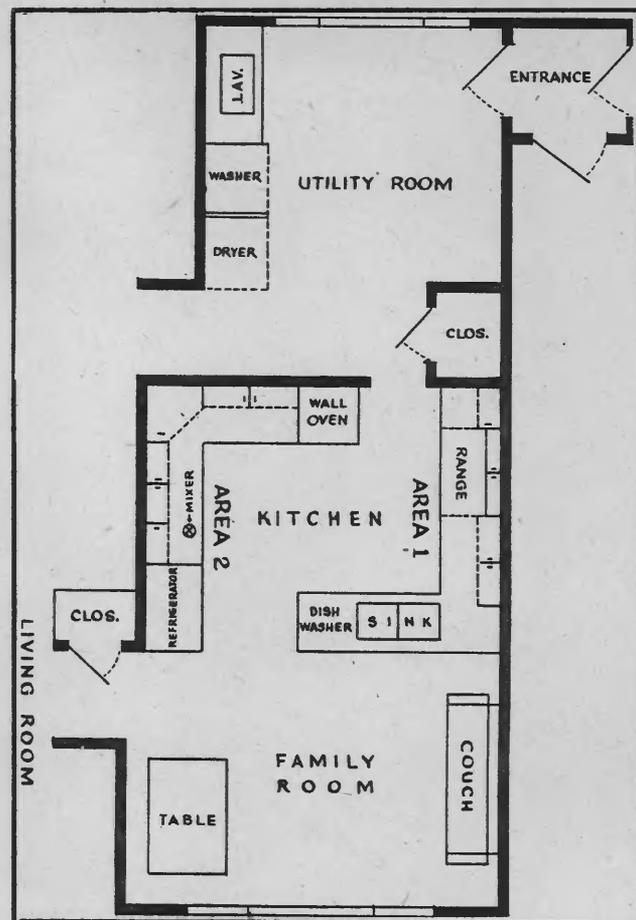


Diagram of kitchen shows its compactness, which is the secret of its step-saving efficiency. Dining area was located in the family room.

two people can work in it without getting in each other's way.

One other thing I must mention, however, is that the matter of lighting was of prime importance in my planning. Because my kitchen has no outside walls, I have to rely to a great extent on artificial lighting. The only natural illumination comes from an eight-foot picture window in the family room and a triple window in the utility room. That isn't enough.

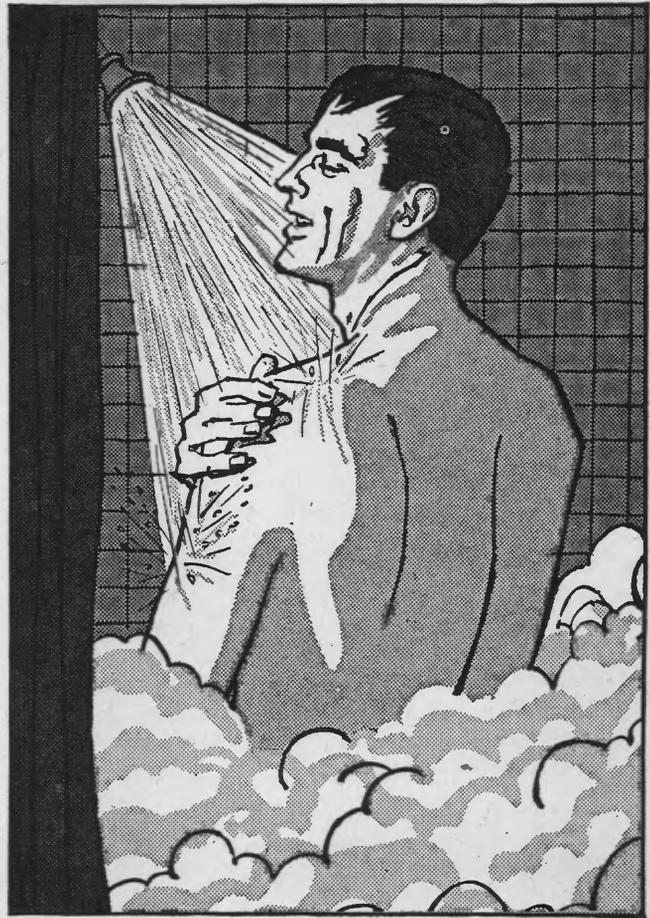
Besides a ceiling fixture for general lighting, I installed recessed fixtures in the soffits over the baking area, sink, and under the ventilating hood of the range.

When it came to a color scheme, I wanted to try something different. I chose copper-tone finishes for all my appliances and then had my custom-made, maple cabinets stained a dark, fruitwood tone to match.

I selected a soft yellow paint for the walls to help reflect light and yet at the same time, provide a bright, cheerful atmosphere. Yellow marbled formica counter-tops blend with the walls. I covered the soffits with a yellow wallpaper which has a geometrical design resembling flowers. The floors are covered with a beige rubber tile which blends with both the light wall finish and fruitwood tones of the cabinets and appliances.

I won't deny that it takes a lot of careful planning to design a kitchen that will work for you instead of against you, and, yet, at the same time will be an attractive work-room. But I think the results are well worth the effort.

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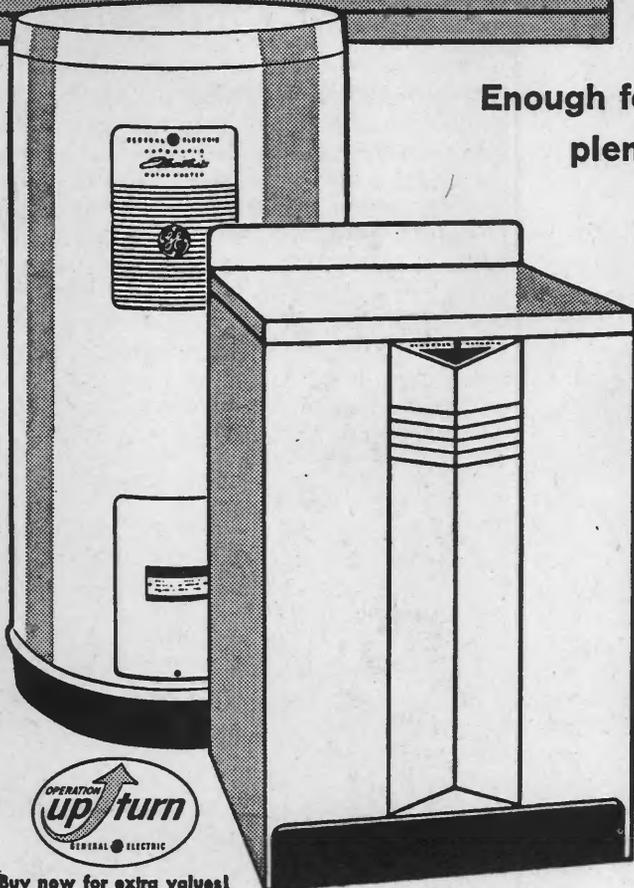
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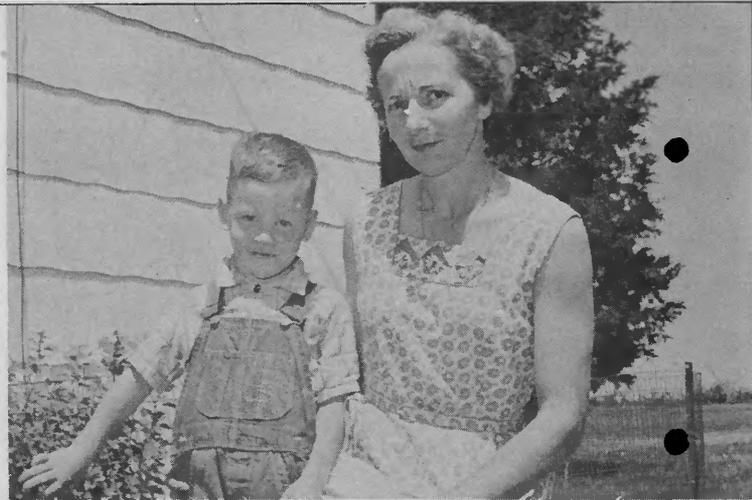
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Co-op folks' opinions on:

# How Do You Feel About America's Educational System?

## *Not Enough 3-R's*

Mrs. Paul Renschen, mother of two youngsters, a boy, four, and a girl, seven, believes education has gotten too far away from the 3-R's—reading, 'riting, and 'rithmetic. "I don't think there is enough emphasis in our schools today on the basic elements of learning. Some schools seem to be passing kids just to make room for others. I also think students shouldn't be allowed to select many subjects. Too often they take the easiest courses in order to avoid work." Mrs. Renschen's husband is a dairy farmer. He farms 200 acres near Trenton, in Clinton County.



## *Need Counseling*

Mrs. Jack McGee, young homemaker and mother of a two-year-old son, believes that if she had taken bookkeeping in high school she could be more helpful as the wife of a farmer. "My husband raises chickens and has to keep careful records. If my teachers had advised me of what is needed in everyday living, I think I would have taken subjects that would be helping me now, like bookkeeping. But not much attention is given to this work of helping prepare students for later life. I think part of the blame is with some teachers, who are more interested in themselves than in the future of the students. More attention should be given to the matter of counseling." The McGees farm 120 acres near Bible Grove.

## *Students At Fault*

Cleo Wells, a young farmer near Farmersville, had this to say: "I believe a child is only going to learn what he wants to. If he wants to study he will. There are plenty of self-made men in the world. You can't blame the schools for the lack of education. The fault lies with the students. If they would knuckle down more and forget some of the nonsense, they could learn. The schools don't have to be as elaborate as we are led to believe. If a student can't learn to spell in a little one-room school, I don't believe he will improve much in a larger school." Wells farms 140 acres, and has a five-year-old daughter.





## Lack Of Time

Virgil Miltenberger, former teacher, and now power use adviser for Southern Illinois Electric Co-op, says: "Under the circumstances, with crowded conditions, the teachers are doing a good job with what they have to work. What is lacking, is time. Teachers don't have enough time to deal with individual students' problems. This is hurting the whole educational program. What we need is more teachers and fewer students per teacher. Of course, this isn't the only thing wrong with schools today. Teachers have also lost much of their power to discipline students. And, because of this they have lost the respect of students."



## Inadequate Guidance

Mrs. Joe Smith, who with her husband operates a small crossroads store in New Palestine, finds fault with the way high schools instruct their students. "I believe they are not adequately preparing youths for college. They are putting too much stress on sports and outside activities and not enough on the subjects needed to go on higher education. The trouble lies with the teachers and principals. They are not providing enough good guidance to prepare students for college. Maybe we need better qualified people to teach our students. I don't know, but something should be done." Mrs. Smith is the mother of a 17-year-old son.



Ward Freitag controls temperature of brooding area in hog-farrowing house with this thermostat. One thermostat is used for every six pens.

## Heat cable, ideal for pig brooding

Besides heating homes, electric heat cable is becoming popular with hog raisers for brooding young pigs. One farmer who has used it for this purpose and is well satisfied with the results, is Ward Freitag of Stanford.

Freitag installed the electric cable in the concrete floor of his farrowing house when he built it two years ago.

The installation, believed to have been the first in Illinois, was engineered by Joe Crosno, power use adviser of Corn Belt Electric Cooperative, Bloomington.

The reason Freitag decided to try heat cable was because he wanted a brooding system that would be practically trouble-free and which would not require much attention.

Formerly his sows farrowed in small houses in the field. During cold weather he transported the houses to the barn or granary. He seldom used heat lamps.

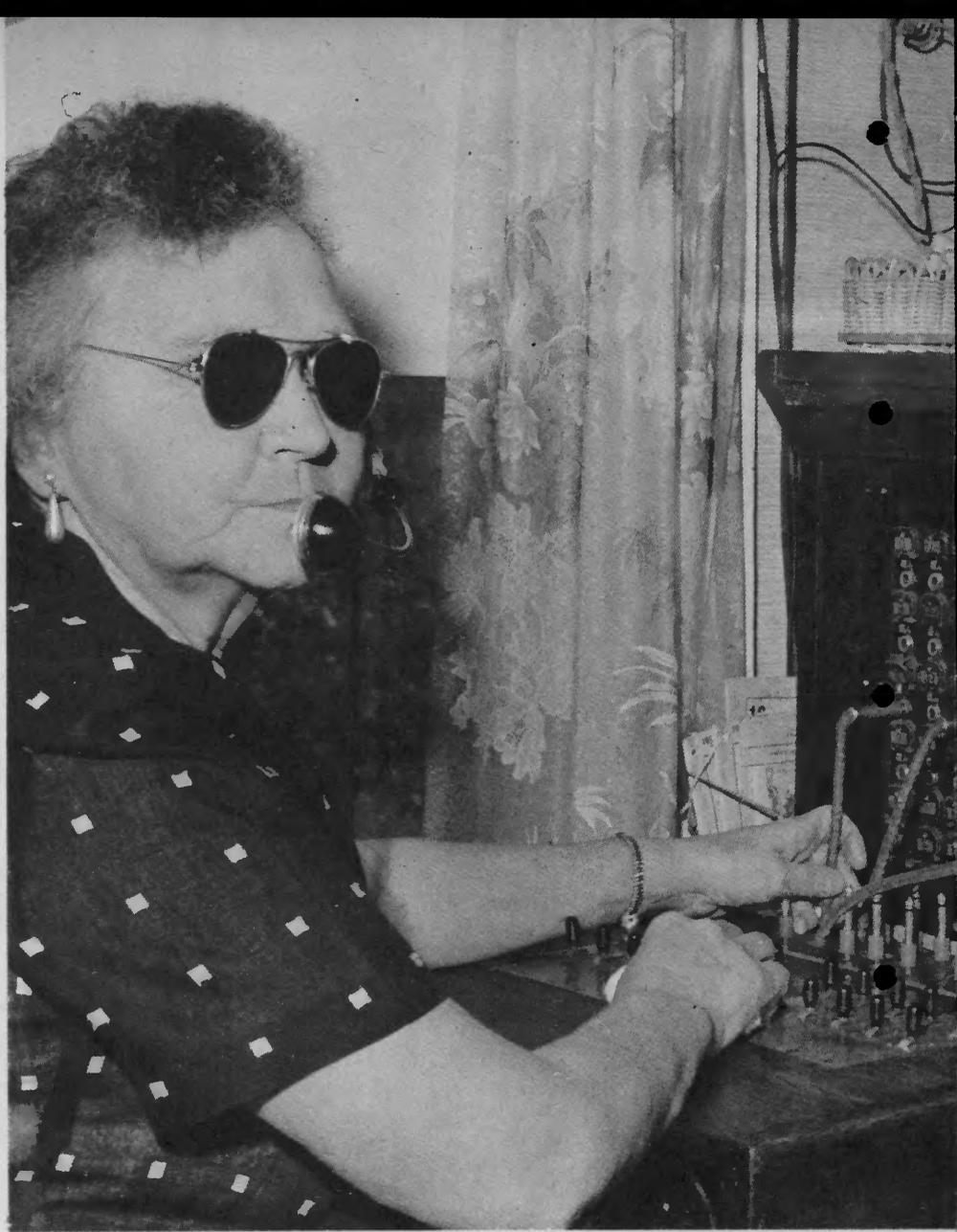
His new system has permitted him to triple his hog production—from 350 to over 1,000 a year. His building will accommodate 24 sows at one time. With automatic, thermostatically-controlled electric heat in each pen, cold weather is no longer a problem, nor is crushing. The brooding system is completely safe and permanent.

Freitag embedded the cable sidewise, 1½ inches below floor level. He did this while the concrete was still wet. He spaced the cable in the 15-inch brooding area in front of each pen, four inches apart. He widened the spacing to a foot so some heat extends into the pen for the sow's comfort.

In all, Freitag used 24, 40-foot rolls of 280-watt cable in the 84 by 26-foot building. He first poured a layer of insulating cement, then placed aluminum foil over it in the brooders. The foil acts as a vapor barrier and a reflector. He topped it with a layer of ordinary concrete.

There is a control switch in each pen, and a thermostat for every six. He starts the heat for newly born pigs at 80 degrees and gradually reduces it to 50.

She lost  
her  
sight but  
kept  
her Job



When she isn't busy running the switchboard or keeping house, Mrs. Doty spends time making ornamental dolls for beds which she sells.

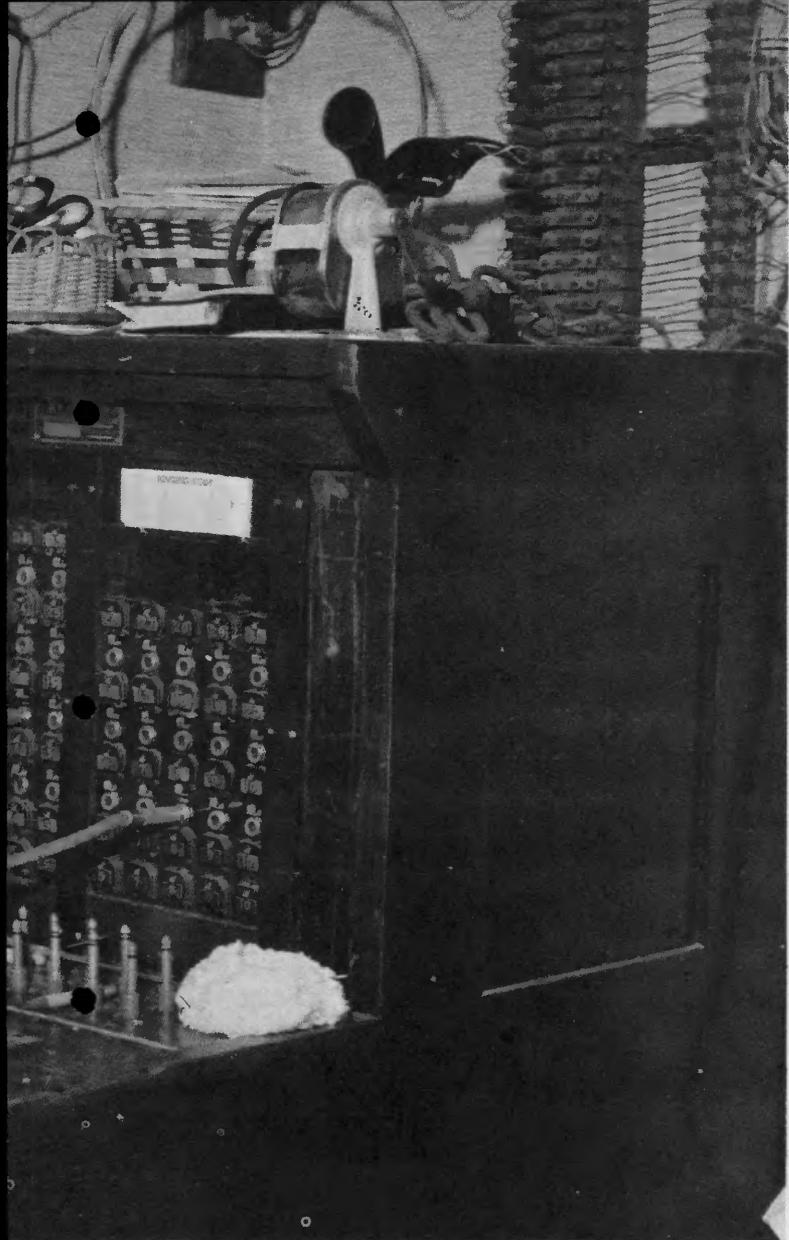
■ "Centerville—sorry, that line is temporarily out of order. . . . Centerville—I'm ringing it now. . . . Centerville—she's still in the hospital. . . . Centerville . . . he's busy in the field. . . . Centerville—"

That's the voice of Mrs. Elijah Doty, Centerville's only switchboard operator. Mrs. Doty, though totally blind, deftly handles the many countless daily calls of the 140 subscribers of this small rural exchange in White County with amazing accuracy.

Her trained fingers glide quickly across the 35 drops of the switchboard, connecting and disconnecting the phone circuits. How does she do it? "Well, how does one touch-type?" she remarks, and adds: "It's habit."

The wife of a Primitive Baptist minister, Mrs. Doty is also the mother of five children and grandmother of 11. She has handled the telephone exchange work since 1941, and though she is 56 years old, she has no desire to ever retire from her job. "It is interesting and provides me with something useful to do. I feel I'm helping others," she points out.

In addition to working on the switchboard, Mrs. Doty cares for a 24-year-old handicapped son, cooking



Though completely blind, Mrs. Elijah Doty operates a 35-line telephone switchboard almost flawlessly. She has been running the small rural phone-board in her home in Centerville since 1941. She also does her own housework and cares for her 24-year-old invalid son.

ever, "I can never be lonely with these 140 subscribers," she adds.

Besides handling the usual routine of phone calls, Mrs. Doty also pinch-hits as the town crier, and as an answering service. She personally knows nearly every member of the exchange.

"Whenever someone in the community is sick, or in need of help, I usually get called. For instance, today many people are calling and asking me about a lady who is in the hospital," Mrs. Doty explains.

The slightly gray-haired little woman, with sunglasses on, turned quickly back to answer another call. "Sometimes I take the place of the mail, too," she remarks. "Between regular calls I'm getting in touch with some of the subscribers to invite them to a shower for a neighbor's son, who recently got married."

Her busiest time at the switchboard is around noon. This is the time when most of the farmers are in from the fields and do their calling."

#### **SHE PUTS IN A LONG DAY**

But, she quickly adds: "There's hardly a dull moment the whole day." Mrs. Doty's day usually starts at 4 a.m. and lasts until 9 p.m. For emergency calls at night, a bell system wakes her up. "It doesn't shut off until we answer the call," she points out.

During some emergencies Mrs. Doty has remained at the switchboard all night. She recalls the time when a call came in that a man was dying and needed a doctor.

"It was snowing hard outside and some of our lines were down. We finally located a doctor at Carmi but he got stuck in the snow and he didn't get to the man's farm until the next morning. I wished I could have done more to help," Mrs. Doty says.

The telephone work, with its confining demands, pays the handicapped woman less than \$120 a month. But, it's not the money that satisfies Mrs. Doty. "It's the thanks I get from the subscribers I'm able to help. That's what's rewarding about this job."

Mrs. Doty doesn't consider her occupation as anything out of the ordinary. "I still bump into things around the place. It's only natural." However, she is happiest when people forget that she is blind and accept her as she is.

"I'm far from being helpless," the little woman likes to point out. "I never intend to be a burden to anyone. There are countless other people worse off than I am. They are the ones who need help. I can help myself."

When not busy at the exchange, Mrs. Doty does her own housework, and in her spare time works at her hobby of making dolls for beds.

About the only change in her home because of her misfortune is the kitchen range. She replaced her gas stove with an electric model as a safety precaution. The Dotys are members of Wayne-White Counties Electric Cooperative of Fairfield.

all the family meals, and doing all of her own housework in her five-room home. Of the latter, she says: "Please excuse the appearance of the house. I'm not too good of a housekeeper." Yet, the house is neat, clean, and very tidy.

Mrs. Doty lost the sight of her left eye when she was only 11 years old. A classmate accidentally hit her with a rock, which blinded the eye. Then, in 1944, Mrs. Doty was struck in the right eye by another rock, thrown by her invalid son.

"At first I felt as if I were in a dark tomb and I searched for the light," she explains. "But when the shock of being blind wore off, I wanted to get right back to work.

"There were some who didn't think I could handle the switchboard, but I knew I could," she says. "You don't lose your memory when you lose your sight. I could still 'see' the switchboard, the house, and my family."

Without the exchange to fill her many sightless hours, Mrs. Doty says she would be very lonely. Her husband is minister of three churches and is frequently away from home on church business. How-

# The only good flies are DEAD ones



By Steve Moore III and H. B. Petty

The only good flies are dead ones. How many times have you heard that expression? It is always used for a good reason, too. Houseflies have no respect for man's comfort, whether he is busy at work or trying to enjoy a few hours of leisure at home.

Not only do flies annoy us, but they also spread filth and disease among man and his livestock. Typhoid fever, summer dysentery, and internal worms are a few in the long list of diseases which are transmitted by houseflies. From the manure pile to the feed trough to the garbage pail to the sugar bowl is an average day in the life of almost every individual housefly, and that is why they are one of the most detestable pests we have.

But these houseflies have a good reason for being where they are. First, they lay their eggs in moist, decaying materials like manure and garbage. The tiny maggots hatch and feed chiefly on the bacteria and yeasts in these materials. When full-grown, the maggots crawl to a drier area where they pupate. The adult fly emerges from this reddish-brown pupal case, which is about the size of a kernel of wheat. The entire time from the egg to the adult stage, is from six to 20 days. Thus, between late Spring and early Fall there are many generations of houseflies, and with each generation flies become more numerous unless proper controls are used.

Sanitation is the basic step in good housefly control. Insecticides will not cover the sins of poor sanitation. Moist, decaying organic materials, like rotting straw, manure, and garbage, attract houseflies and are ideal for egg-laying and maggot survival. When spread out

to dry, such fly-producing refuse becomes unfavorable to housefly development. A garbage pail with a tight-fitting lid and solid bottom will also lessen fly breeding. Good sanitation must be a summer-long practice. Insecticides should be used only after sanitation problems have been solved.

Mechanical barriers such as screens and electric grids on doors and windows of barns and houses are of ben-

efit. As a general rule, traps are of little value in combating houseflies.

Maggots can be killed in their breeding areas by use of one of several chemicals. Borax dusts or granules sprinkled on the soil beneath and around garbage pails will prevent maggots from developing. Manure treated with borax will increase the boron content of the soil on which it is spread. An excess

(Continued on Page Eighteen)

## SPRAY MIXTURES

Chemical and Concentration	Amount Insecticide per 50 gals. water
<b>DIAZINON</b>	
25% emulsion concentrate .....	1-2 gallons
25% wettable powder .....	8-16 pounds
<b>KORLAN</b>	
24% emulsion concentrate .....	2 gallons
44% emulsion concentrate .....	1 gallon
25% wettable powder .....	16 pounds
<b>MALATHION</b>	
57% emulsion concentrate .....	1 gallon
25% wettable powder .....	20 pounds
Add 10-20 pounds of sugar or 5 to 10 pounds of sirup to the spray mix to attract the flies and increase lasting qualities.	

## BAIT MIXTURES

**SPRAY BAIT**  
 1 gallon corn sirup  
 1/2 gallon warm water  
 3 fluid ounces 25% Diazinon, 25% Korlan, or 57% Malathion Emulsion Concentrate  
 Remove whorl disc from nozzle and spray fly-roosting surfaces to run-off, or soak burlap sacks or heavy-gauge string in the mixture and place them in areas where flies congregate.  
 1 pint corn sirup (clear or dark)  
 3 tablespoons starch  
 2 teaspoons 25% Diazinon, 25% Korlan, or 57% Malathion Emulsion Concentrate  
 Shake well  
 Brush the bait on the favorite fly-resting areas or soak 2-inch cloth or wrapping paper strips in the mixture, let them dry, and place in areas where flies congregate.

## DRY BAIT

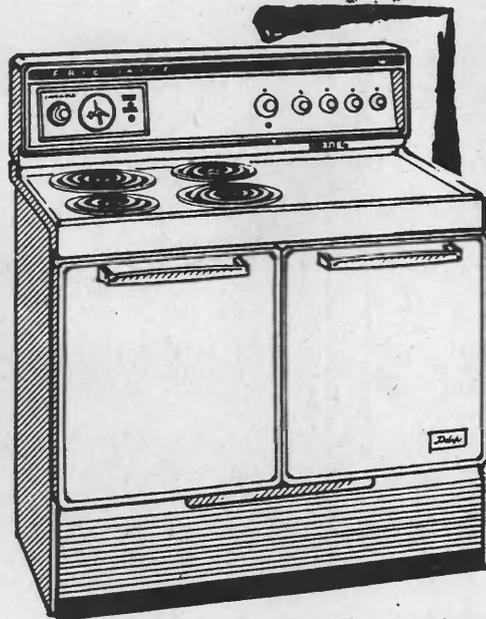
- a. **SUGAR BASE**  
 1 pound granulated sugar  
 1/2 teaspoon lamp black  
 2 teaspoons powdered milk  
 2 teaspoons 25% Diazinon, 25% Korlan, or 25% Malathion Wettable Powder
- b. **CORN MEAL BASE**  
 1 pound corn meal  
 1 tablespoon peanut oil  
 2 ounces powdered sugar  
 2 teaspoons powdered milk  
 2 teaspoons 25% Diazinon, 25% Korlan, or 25% Malathion Wettable Powder

*Mr. Moore is an extension specialist in entomology at the University of Illinois. Dr. Petty is an extension entomologist at the University.*

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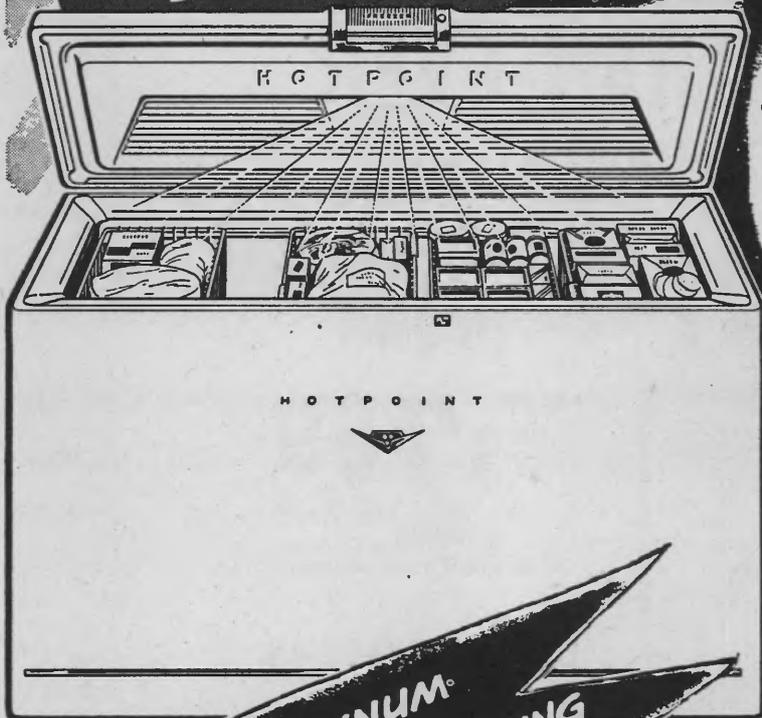


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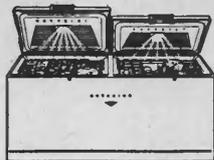
**HOTPOINT FREEZERS** give you *double protection*—a 5-Year Warranty against food spoilage, and a written 5-Year Protection Plan on the famous Thriftmaster® freezing unit. Whatever model you select, Hotpoint is the freezer the rural family can depend on.

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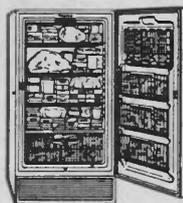
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17 cu. ft. chest model has 595-lb. capacity



26 cu. ft. chest model has two compartments, 907-lb. capacity



12 cu. ft. upright model has 417-lb. food capacity



18 cu. ft. upright model holds 630 pounds of food

HOTPOINT CO. (A Division of General Electric Company), Chicago 44

# Washington Roundup

● Attempts to minimize Secretary of Agriculture Ezra Benson's downgrading the authority of the REA Administrator "is nothing more nor less than a deliberate fraud," Clyde T.

## Hearings on Ellis told a House Government Operations Subcommittee last month. Ellis is general manager of the National Rural Electric Cooperative Association, an organization representing most of the rural electric systems in the nation.

Ellis' statement referred to the fact that Secretary of Agriculture Benson, Director of Agricultural Credit Services Kenneth Scott and even REA Administrator David Hamil told members of two Congressional committees that Benson's directive to Hamil to clear all loans in excess of \$500,000 with his office, was insignificant and only a routine suggestion by Benson that Hamil accepted.

House and Senate Government Operations Subcommittees are conducting hearings on legislation introduced by Sen. Hubert Humphrey (Minn.) and Rep. Melvin Price (Ill.). The proposed legislation would restore REA to its semi-independent status which it had prior to the Agriculture Reorganization Act of 1953. Supporters of the bill hope to get it passed in this session of Congress.

Ellis rejected the contentions of Benson, Scott and Hamil. He declared that "there is ample evidence to prove . . . the downgrading of the REA Administrator is a major change in REA."

Ellis cited the following examples: 1. Benson has taken from the REA Administrator for himself final authority to approve the most important loans; 2. the Administrator is no longer the primary spokesman for REA, as evidenced by House and Senate Appropriations Committee hearings; 3. the Administrator is largely ignored in the development of basic REA policies, as evidenced by testimony before the House Appropriations Subcommittee.

The hearings have produced a massive attack on Benson. Over 30 rural electric leaders went to Washington to testify in favor of the bill and to tell Congress they don't want Benson to have anything to do with REA loan approvals. In addition to rural electric leaders testifying, another 75 jammed the hearing rooms each day to follow the testimony.

The admission by Agriculture Credit Services Director Scott during the hearings that Hamil's loan decisions are reviewed prior to final approval, helped to substantiate the case presented by electric co-op leaders.

Scott told the House subcommittee: "If you're going to have influence on REA loan action you have got to review them before they are made . . . Certainly I want to be there before the final decision is made . . . if I am to review them in a serious capacity . . ." Heretofore, Scott's role as overseer of REA's loan operations had been obscure.

Presidential Assistant Sherman Adams, who attempted to explain to a Congressional Committee

last month, his intervention in Federal regulatory commission cases in behalf of a friend, was charged with "influence" dealings in the Hells Canyon issue and Dixon-Yates scandal.

## More charges against Adams

On June 2, when the House Interior Committee killed the Federal high Hells Canyon Bill, Drew Pearson reported that Rep. Adam Clayton Powell (N.Y.), was closeted at the White House with Adams. Powell had promised Hells Canyon supporters that he would vote favorably on Hells Canyon or give his proxy in favor of the project. He did neither.

Powell is under indictment for income tax evasion. An earlier threat of indictment on the same charge was quashed. The Department of Justice attorney who worked on the earlier indictment is now engaged in private practice. He has charged that political intervention killed the indictment. Powell later endorsed President Eisenhower for re-election.

In the Dixon-Yates case, Adams, according to testimony, used his presidential influence to obtain a three-day postponement of the Security and Exchange Commission's hearing on the Dixon-Yates group's financing plan.

"Do unto others as you would have done unto you," seems to be true only when it applies to the other fellow, according to the National Tax Equality Association's testimony presented to the House Ways and Means Committee.

## NTEA doesn't pay taxes

NTEA is probably the most bitter anti-cooperative organization in the United States. According to the recently released House Ways and Means hearing of last January, Joseph O'Connell, NTEA attorney, stated that NTEA had collected \$425,111 from its members in 1957, but had not paid a single penny income tax.

Rep. Daniel Reed (N.Y.), ranking minority member of the Committee, cross-examined O'Connell and it went like this:

Reed: "Are you opposed to farmer cooperatives?"

O'Connell: "No."

Reed: "Do you mind putting into the record the amount of money that your organization collected from businessmen last year?"

O'Connell: "I will be glad to do that, sir."

Reed: "All right. Will you put in the amount of income tax that you paid?"

O'Connell: "I can tell you that. We have not paid any income tax."

Reed: "I thought probably that was true. Thank you very much."

Commercial power companies have been among the largest contributors of NTEA, but names of contributors were not furnished by O'Connell.

Several years ago Reed described NTEA as "legalized fraud." NTEA has also been accused by Sen. Milton Young (N. Dak.) of offering a \$10,000 campaign contribution if he would vote for co-op taxes.

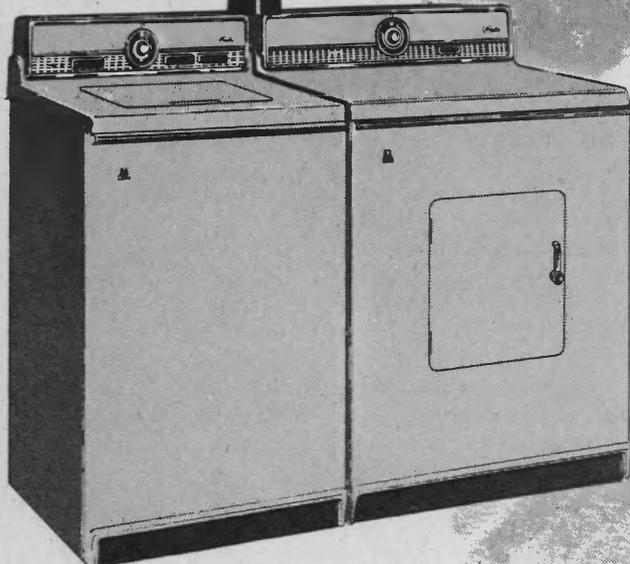
# WIN

## a new **MAYTAG** Washer and Dryer

IT'S EASY!

IT'S FUN!

NOTHING TO BUY!



Lint-Filter Agitator WASHER

Halo of Heat DRYER

### **BARGAINS GALORE DURING THIS CONTEST!**

#### Famous "All-Fabric" Automatic Washer

Every Advanced Feature and at special bargain prices! Maximum lint removal with new Maytag Lint-Filter Agitator plus 3 water temperatures, 2 wash speeds, pushbutton water level control.

#### Deluxe "Halo of Heat" Automatic Dryer

Enjoy Automatic Drying now... at new low prices! Revolutionary Maytag "Halo of Heat" Dryer fast-dries a full load in just 30 minutes... safe as sunshine! Gentle circle of heat surrounds clothes providing safer, faster drying.

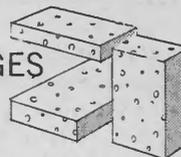


#### Maytag Family-Size Wringer-Type Washer

New Low Prices for America's most famous wringer washer. Exclusive Gyrafoam washing action, revolutionary sediment trap, 80-position wringer. Dependable operation plus large capacity tub. Easy-to-clean finish.

### **SPECIAL OFFER!**

**3** HANDI-PAK CELLULOSE SPONGES  
Regular 59¢ Value



Colorful Household Sponges Ideal for Dishes... Windows... Bathroom. In limited quantities at stores listed.

**19¢** WHILE THEY LAST!

### **Here's all YOU do!**



The Name **MAYTAG** Appears \_\_\_\_\_ Times

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

My suggested Name for Maytag Washer and Dryer Pair is:

\_\_\_\_\_

Signature \_\_\_\_\_

Entry blank or facsimile must be filled out completely to be eligible.

• Count the number of times the name Maytag appears in this ad. Then name the Maytag laundry pair featured in the top left-hand corner.

• Fill out entry blank at left.

• Take entry blank to your nearest dealer listed in the adjoining column.

• Winning entry judged on accuracy, originality and neatness.

• All entries become property of the Maytag Company. Employees of the Maytag Company and dealers not eligible to enter.

• Winning entry receives FREE the Maytag "All-Fabric" Automatic and Maytag "Halo of Heat" Dryer. In case of ties, duplicate prizes are awarded.

• Contest ends September 13, 1958.

**WIN  
THE MAYTAG PAIR.  
ENTER CONTEST  
AT ANY OF THE  
DEALERS  
LISTED BELOW:**

Auburn, Auburn Impl. Co.  
Augusta, Farmers Supply Store  
Beckemeyer, Kauling Hardware  
Boomington, Herman's Washer Service  
Bowen, G. L. Ramsey Co  
Cresce, Schwarz Radio & Paint Store.  
Camp Point, Lawless Hardware & Furniture  
Clinton, Canton Maytag Co.  
Clintonville, H & M Appliance  
Coryle, Schwarz Hardware & Paint  
Cradwick, Handel Implement Store  
Clinton, Sherman Buck  
Clintonville, Meis Bros. Inc.  
Catur, Rusk & Morrow  
Dubuque, B & W Hardware  
Ingham, Wallace Maytag Store  
Elizabeth, W. G. Read Hardware  
Fairfield, Rush Maytag  
Geneva, Ed Burke Appliances  
Galesburg, Gilbert J. Pritchard  
Granville, Granville Hardware  
Granville, Taylor Electric Service  
Hilton, Gordon's Appliance  
Hosonville, Scott Maytag Sales & Service  
Hoyville, Shortal Electric  
Hoyt, W. J. Barth Hardware  
Hoyt, The How  
Hoyt, Trading Center  
Hoyt, Reser Farm Equip. Co.  
Hoyt, George M. Bartelman Appl.  
Hoyt Carroll, Rogers Dri-Gas & Appliances  
Hoyt Pulaski, Stahl Bros. Hardware  
Hoyt Vernon, Featherstun's  
Hoyt, Stanley & Paul's  
Hoyt, Bateman Appliance & Furniture  
Hoyt, L. F. Peterson Co.  
Hoyt, Leo's TV & Appliance  
Hoyt, Peoria Maytag Sales & Service  
Hoyt, Wind Power Electric  
Hoyt, Porter Electric Co.  
Hoyt, Cothorn Implement Co.  
Hoyt, Marley Harrison & Son  
Hoyt, Strong Electric  
Hoyt, Peter, Rothe Hardware  
Hoyt, Culp's Gamble Store  
Hoyt, Short Furniture Co.  
Hoyt, A. W. Sikking  
Hoyt, Valley, Valley Appliance Sales  
Hoyt, Tex Furniture Store  
Hoyt, Brefeld Hardware  
Hoyt, Weber Bros.  
Hoyt, Hierman's Home Appliances  
Hoyt, Walker Implement

# What's New?

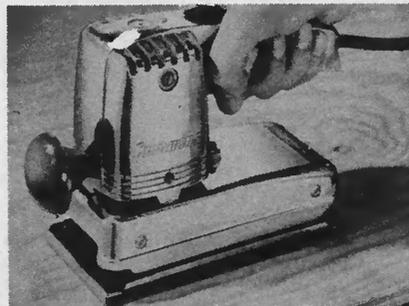
● **WALL-DRYER**

Designed to dry wet towels and other items normally hand laundered in the family bathroom, is this new wall cabinet, clothes dryer. It is electrically-operated and takes up no more room than a typical medicine cabinet. A dual control switch operates a four-inch suction-type fan and a 325-watt heating element. A 60 minute timer is available at extra cost. This unit can on occasions be used also as an auxiliary bathroom heater. It is called LoManCo Bath-O-Dry, and is made by Louver Manufacturing Co., 3601 Wooddale, Minneapolis 16, Minn. Price is \$66.

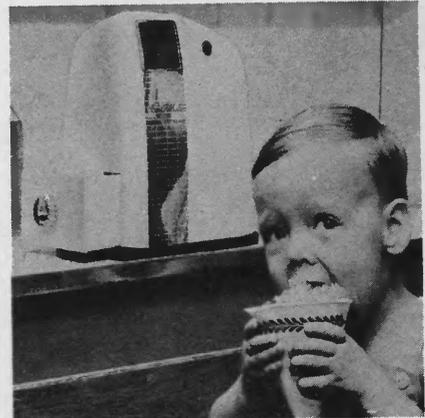


● **TWO-WAY SANDER**

Here's a sander which combines both coarse cleaning action and final finishing. The new sander can be switched from an orbital to a straight-line action. This is done by turning a directional key. Priced at \$49.95, the sander comes with coarse, medium, and fine abrasive paper. There is a changeable, three-position, auxiliary knob which provides easy grip for flush sanding. It is made by Cummins Portable Tools, a division of the John Oster Mfg. Co., Milwaukee, Wis.

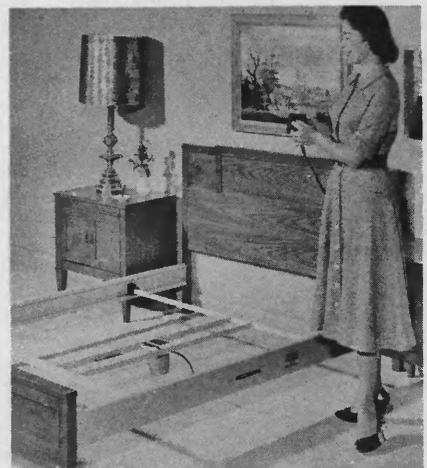


● **ICE-CRUSHER**



Wherever there's an electric outlet this portable ice-crusher can be used. It is ideal for preparing summer iced treats for the children, or for the serving of frosty desserts or crisp salads by the homemaker. Size of the crushed ice can be dialed from fine to nugget sizes, and either refrigerator cubes or lump ice can be ground. There's a safety-feed door to keep little fingers out of harm's reach. Called Ice-O-Matic the crusher is made by Rival Manufacturing Co., Kansas City 29, Mo., and retails for \$29.95.

● **TRANQUILIZER BED**



A turn of the dial and the newest in tranquilizers begins its soothing work. It's an electric motor, which attaches to an H frame on a bed. By gently vibrating the mattress, taut nerves and tired muscles are relaxed. A clock-type timing device, can be set to power the unit for any length of time up to hour. Called the Vibra-Rest, it is made by Basic-Witz Furniture Industries, Inc., and sells for around \$80.

## Wayne-White

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 Chalon Carter, Phone 123 or Everett Phillips, Phone 38-J, Norris City.

For Edward County call Welden Galliber, 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.

On August 19, the 20th annual meeting of members will be held at the Wayne County fairgrounds, Fairfield. This will probably be one of the last issues of the Illinois Rural Electric

News you will receive before our annual meeting. Official notices will be mailed at a later date.



Owen J. Chaney  
Manager

This is an important meeting, one that should be attended by all members of the cooperative. It gives you an opportunity to become better acquainted with your business and also have some fun besides.

The business session will start at 10:30 a.m. Reports of officers and the manager will acquaint you with the past year's business and with our plans for the future. Nine directors will be elected to transact the business for the coming year. Other business common to a meeting of this type will be transacted.

The afternoon will be highlighted by the beauty contest. Girls between the ages of 16 and 21, living in a co-op member's home are eligible to compete. First, second, and third place winners will be elected and awarded appropriate prizes. The queen will be crowned by June Forbes, Miss Wayne White Co-op of 1957.

Special entertainment will be provided by "The Great Jarvis," comedian and magician. He has appeared at many rural electric annual meetings and will provide the kind of entertainment that rural people enjoy.

### NIGHT SHOW

Monday evening, August 18, we will have our usual night show featuring our rural talent contest. This contest is also limited to those living in co-op member's homes and to a maximum of four in any one act. We know from past experience that high class entertainment will be provided by those participating in this contest.

First, second and third place winners will be selected and awarded prizes. There will also be a consolation gift to participants who do not win. Last year's winner, Miss Barbara Meier, represented your cooperative in

# News

the state contest and won first place. "The Great Jarvis" will also entertain you at this session.

The annual meeting of any organization is an important meeting, especially so, if it is a business meeting and you are a part owner of the business. Your attendance will be appreciated.

## Corn Belt

This year, 1958, has turned out to be a stormy one after such a very quiet spring. We want to thank our members for their understanding of our problems in maintaining electric service on these past stormy days. It has been a long time since our line crews have been out all night repairing storm damage but we have had two such nights in the last month.



T. H. Hafer  
manager

The big majority of members give us their location number when they call regarding service. To us this is just as good as a street address in town and helps us locate the member's place in a hurry.

### NEW BOOM TRUCK

You may see our new boom truck and hole digger some time in the future. It has our standard maroon colored body with a yellow crane boom which will swivel around to the side as well as work from the back. We believe this will help our men dig holes and set poles with less time and trouble in maneuvering a truck into position.

We had hoped to have an aerial bucket for our tree trimming crew but have had some difficulty in getting it properly installed on the tree truck so this equipment will be delayed indefinitely. When we get it our men will be able to trim trees without climbing them.

### HOUSE HEATING

A meeting recently attended by about 30 electricians in our area was held to discuss electric house heating. Virgil Berry of Raehco, pioneer electric house heating developer in Illinois, demonstrated to the electricians how to figure the heating required in a home and how to install various types of resistance electric heating. We think the electricians will be able to give our members good service in the future in the installation of electric heat. If you are building a new house, check with the office and we will let you know who is available for this work in your community.

## Jo-Carroll

Saturday, May 31, this cooperative suffered one of the worst storms in its history. The worst part of the storm was in the North Hanover area where it broke off five poles. It then traveled east and struck in the Derinda area where it uprooted trees and put them over our lines causing much inconvenience for all of you members. However, by 9 p.m. we had most of the service restored.



Charles C. Youtzy  
Manager

Then, again on Sunday, June 7 about 5:15 p.m. another storm struck our system. This time it started in the Derinda and Massbach areas and traveled east to the Pleasant Valley territory where it leveled several barns and other farm buildings causing thousands of dollars in damage. Our linemen reported taking several trees from one line. The linemen stayed with the job until all services were restored.

When we have storms like these two, it is very difficult for us to know just where the trouble is as the telephone service is out as well as the electric lines. Several of our members drove into the office to report trees on the lines, etc., and we want you to know that we appreciate this very much. By knowing where these outages are the men can restore service much quicker. We also want to thank the members who helped our men during this time. That was truly cooperation.

### NEW EMPLOYEE

Miss Patsy Roberts began her duties as billing clerk for the cooperative on June 16. Patsy is a recent graduate of the Elizabeth High School where she was a straight A student. We are sure you will like her. Patsy is the daughter of Mr. and Mrs. Russell Roberts, who are members of the cooperative.

We are pleased to welcome Miss Roberts to our office. She took over the duties of Mrs. Martha See, who resigned July 1 in order to devote full time to being housewife and attending to farm duties. Mrs. See was an employee of the cooperative since 1954. We all miss her greatly but wish her much success in farming.

\* \* \*

Congratulations are extended to Robert Wand, our maintenance lineman in the Mt. Carroll area, who was married recently to Vivian James of Mt. Carroll. The ceremony took place in New London, Mo. Mr. and Mrs. Wand will make their home in Mt. Carroll.

\* \* \*

Manager Youtzy and family left Friday, June 20 for Wisconsin on a fishing trip!

# YOUR CO-OP

**M.J.M. Electric**

## Clay Electric

**TELEPHONE NUMBERS**  
Office: 7 A.M. to 12 Noon—1 P.M. to 4 P.M.—NO 2-6126.  
Homes (Night or Weekend):  
E. A. Cates—Flora NO 2-5390  
James Erwin—Flora NO 2-8100

This is the time of year for storms—both lightning and wind. We have already had some, but not too severe. As yet. We have installed some additional air circuit breakers to our



**Elmo Cates**  
manager

than you were.

### ANNUAL MEETING

Yes, it is also getting time for another annual meeting. We will again have the Caravan and a good program lined up, but we will need the cooperation of you and your chil-

dren to make it a success. We need contestants in both the amateur and beauty contests. Please let us know if any of your neighbor boys or girls could enter one or both contests.

The Clay County Home Bureau Unit will again have the eating concessions. The cooperative will have them serve the free lunches to those members and their families who register before 10 a.m. Be sure to be one of these members.

### METER READING

We had a request from a member the other day to disconnect all of our lines for a short period on the 15th of each month as a reminder to read the meter and send us the bill. This might work but we believe it is a little drastic.

A lot of our members do remember the 15th and very few forget it on purpose.

This would be quite a reminder though, that just 14 years ago none of you had electric service in your homes. Wouldn't it be terrible to go back to that kind of living? Let's attend the annual meeting and work for the cooperative to be sure it can carry on and keep the lights on in our community.

Interest continues to grow among our members about electric heat. We have mentioned several times in this column, this trend towards heating homes with electricity. We again



**A. C. Barnes**  
Manager

want to call attention to some details which make electric heat economical.

First, the quality of insulation is of utmost importance. This one factor above all others has been most important in bringing electric heat into successful competition with other fuels. The insulation required for electric heat is six inches in the ceiling, four inches in the side walls and two inches under the floor. This is termed the 6x4x2 formula:

If this quality of insulation is strictly adhered to and the heating units themselves properly chosen, there is no reason to expect anything but complete satisfaction with electric heat. At the present time the cost of installing the electric units is approximately one-half the price of a properly installed conventional furnace.

A further saving is realized in that no chimney or fuel storage area is required. We expect to see the modern home in the future properly using a rosebush instead of a chimney for ornamentation. If the price of the chimney or other storage facilities are added to the nominal insulation cost, the above formula requirements can be met and still provide a saving of approximately one-half the cost of an average heating system.

In addition to making electric heat economical in the winter, this added insulation will prove a great value to living comfort during the hot summer months.

The four new homes to have electric heating in this area are those of Robert Groppe of Jerseyville; Roy Beaverdell of Jerseyville; Charles Pellikan of Otterville, and Oren Wagner of Greenfield.

\* \* \*

We are presently operating the Taylorville substation from 600 to 1000 KVA. Regulators are being installed there to give better voltage conditions in the Coffeen, Hillsboro and Butler areas. The transformer from the Taylorville substation will soon be moved to the Fillmore Substation to increase the distribution capacity in the Nokomis, Fillmore, Witt and Irving areas. Regulators will also be installed at this substation before the winter peak load develops.

\* \* \*

James Hopper and Ralph Sides, two of our journeymen linemen, attended the hot-line school at Southern Illinois University at Carbondale during the week of June 23.



"First I turn off the TV set and disconnect the telephone. If that doesn't work, I press this little button and things begin to happen."

by

to 5:00 Monday phone 1540. To re- 0, Saturday, Sun- l Shelbyville 1227, Assumption 1291, ; Pana 4333; Mode

is being written it is difficult to er is like today. Now, this is July this area.

ow much hay you lose of the cutting this ? The rains were distributed over area and seemed come most every Was what lost crop important you? If your an- is yes, then ibly you should ced air for the e wet hay could kept from heat- t. Nature would the curing while heat. Advantages through your No worries from trade of hay for

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### HEATING

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### HEATING

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## Only Good Flies Are Dead Ones

(From Page Ten)

amount of boron in soil, however, will injure plant growth.

Thiourea, a new material, is also effective against maggots and is safe to use. It will not injure plants and may even serve as a nutrient for plant growth. Many of the insecticides commonly used against adult flies will also kill maggots in their breeding grounds, but when they are used in this way adult resistance to the insecticide may develop rapidly.

After the fly-breeding areas have been handled properly, residual sprays of Diazinon, Korlan, or malathion can be used in livestock shelters and around the home. Korlan and malathion are relatively safe to use, while Diazinon is somewhat more toxic. Protective clothing and a respirator should be worn when using it, especially for large operations.

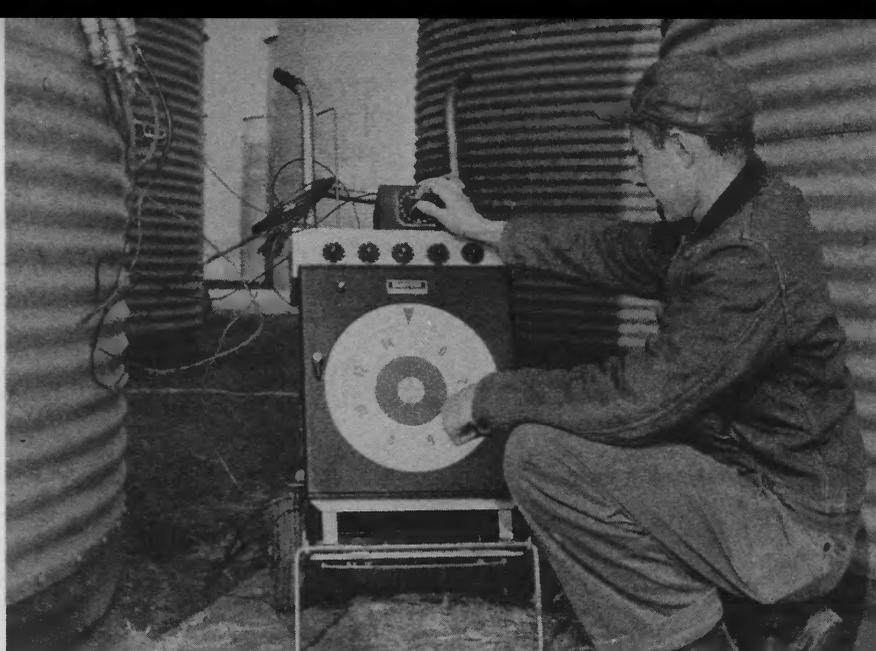
Diazinon and Korlan will control flies for three to five weeks and malathion for one to two weeks. Treatments are most effective when sugar or syrup are added to the spray mix and the treatment made early in the fly season. With the exception of malathion on beef cattle, none of these materials should be used on cattle.

Fly baits may be used to supplement good sanitation and residual sprays. Either homemade or commercially prepared baits containing Diazinon, Korlan, malathion, or Dipterex are effective. Refer to the table (page 10) for details concerning the proper amounts of chemical to use in sprays and homemade bait mixtures.

When flies are inside the home or entering the barn on cattle, a spray containing pyrethrin, allethrin, Lethane 384, or Thanite is effective as a knockdown agent. Fly repellents like Tabutrex and R-326 may be used to advantage around doors or windows of buildings to keep out flies.

Repellents can also be applied to both dairy and beef cattle and will not only keep off houseflies but will also protect against biting flies. Repellent chemicals may become especially valuable if resistance to malathion, Diazinon, and Korlan becomes widespread as it has with DDT, lindane, methoxychlor, chlordane, dieldrin, and others.

Whenever you are using chemicals be sure to read carefully all labels on the container, and follow the recommended precautions.



Government researchers at Watseka bin site are trying to find out how to keep shelled corn in better condition longer. Engineer is shown as he uses electric equipment to check grain.

## Co-op power helping in grain storage research

• Government grain storage bins are a familiar sight around the country, but the group located about three miles west of Watseka, is probably the most important in the country. It is the only experimental bin site in the United States.

Here, trained technicians are attempting to find an economical way to keep shelled corn in good condition over a long period of time. The research is being conducted in the fields of agricultural engineering, economics, entomology, and practices and methods as they relate to the storage of grain.

It is with the actual storage of the grain, that electricity from the Eastern Illinois Power Cooperative of Paxton is being used. Studies are being conducted on the use of electric augers in storing and moving corn. Electric fans are used to re-condition the corn and to blow insecticides through the grain.

This research work is done by the Marketing Research Division of the Agricultural Marketing Service. And though it is primarily for the use of the Commodity Credit Corp., results of the tests and experiments will be available to farmers.

There are 210 round, 3,250 bushel bins and two flat 40,000

bushel storage structures on the bin site. Six employees handle the work. The three men in charge are Charles Glenn, economist; Herman Mayes, agricultural engineer; and James Quinlan, entomologist.

The entomologist is working on improved methods of preventing insect infestation in corn. The studies include evaluation of spraying by fans, to the top surface of the corn at intervals during the summer months, better methods of fumigation and the use of protective treatments applied to the corn. At present, 110 bins are being used in these studies.

The engineering studies are directed at maintaining the market grade of shelled corn by preventing surface-moisture accumulations. Here again fans are being used. The work also includes the improvement of techniques of grain handling by using augers instead of shovels or elevators.

In the field of economics and marketing practices, research is being conducted to evaluate the results obtained by the agricultural engineer and entomologist. Work is also being done to measure the change in the fat acidity of stored corn and its effect on market value.

# The AIM of Communism — TO MAKE YOU A SLAVE!

If your freedom is worth 30 minutes of your time then you should read this expose of Communism

## [First of Two Parts]

The following sworn testimony was given by Dr. Frederick Charles Schwarz, executive director, Christian Anti-Communist Crusade, May 29, 1957, before the Committee on Un-American Activities, U. S. House of Representatives, Washington, D. C.

Questioning Dr. Schwarz, were staff members Richard Arens and Richard S. Weil.

## Testimony of Dr. Schwarz:

Mr. Arens. Dr. Schwarz, on behalf of the staff of the Committee on Un-American Activities, I am happy to welcome you here for this staff consultation, which is pursuant to the overall policy of this committee in which we try to contact and make a record of statements of people who have had extensive experience and can shed some light on many of the facets of the world Communist conspiracy.

Would you kindly, for our record, give us a word about your own personal history and background?

Dr. Schwarz. I was born in Brisbane, Australia, on the 15th of January 1913. I was educated at the schools of Brisbane and I attended the University of Queensland, which is the northeastern state, of which Brisbane is the capital. At the university I studied, first, science. I graduated in science with major subjects mathematics and physics. I later graduated in arts in which I studied philosophy and political economy. After teaching school and being a lecturer in mathematics and science in the Queensland Teachers College, I graduated in medicine and surgery from the University of Queensland Medical School. Following graduation, I established a general medical practice in Sydney and, for a time, was psychiatrist for the Cathedral Marriage Guidance Clinic of Sydney and the New South Wales Community Hospital.

I am an evangelical Christian of Baptist denomination and have been a lay preacher for many years.

Mr. Arens. Thank you for that background information, Doctor.

May I pose this general question to you as a point of departure in your consultation with us today: How would you characterize or describe the ideology and morality of communism, and how, in your judgment, can that ideology and morality be countered or met in this world struggle?

Dr. Schwarz. The ideology of communism is applied Godless materialism. The problem that perplexes many people is the overwhelming appeal that communism apparently exercises for the student mind.

Mr. Arens. What is the nature of that appeal, Doctor?

Dr. Schwarz. The nature of that appeal is a promise that the student can achieve two things by association with the Communist Party. He can participate in the conquest of the world and, following the conquest of the world, he can then participate in a program to change human nature, perfect human character, and populate the entire earth with a new quality of personality infinitely superior to any that history has ever known. The appeal that attracts the young student is almost a religious appeal that his life can be utilized for the regeneration of all mankind.

Mr. Arens. Would you care to elaborate on that theme, Doctor?

Dr. Schwarz. When you ask the Communist a simple question: "How are you going to change human nature?" they would answer with one word, and that word is "science." "We are scientists. Science has changed the material world. Science has changed the world of agriculture. Science has changed the world of animal husbandry. We can use science to change human nature itself."

This sounds very appealing. You can understand how this sounds to a young student infatuated with the techniques of science. To participate in using science for its greatest achievement is a seductive vision.

However, to be scientific you must follow scientific laws, and communism then proceeds to give it three scientific laws. These laws are as follows:

The first one is "There is no God." They are proudly, unashamedly atheistic in theory and in practice. When they deny God, they simultaneously deny every virtue and every value that originates with God. They deny moral law. They deny absolute standards of truth and righteousness. An entire civilized code of moral and ethical values is destroyed so that they are free to erect in their place new moral and ethical standards as the occasion demands.

The second law of communism is that man is a material machine. He is matter in motion and nothing more.

## Editor's Note

The freedom-loving peoples of the world are engaged in a life-and-death struggle with the most evil monster the world has ever known. The name of this monster is Communism.

Too many Americans, unfortunately, are not aware of the awful implications of Communism for several reasons. Some are: 1. Conservative Americans are apparently under the impression Communism is just a radical political philosophy. 2. Liberal Americans think they are being democratic by defending the right of Communists to be heard.

The following testimony should dispel both of these naive concepts and emphasize that Communism is the deadly enemy of all Americans since it seeks to destroy our liberties and enslave the world. Thus communism has no more claim to tolerance than gangsterism or subversion.

The significance of this article is sufficient reason for its being selected for publication despite the fact that some of our readers may consider it rather unusual for a farm publication.

The truth about Communism must be taught to Americans through every channel available, we believe. Further, it is about time that our schools start teaching what Communism is all about so that the next generation of Americans may not be as ill-informed about it as present and past ones have been.

Man is a body, and he is completely describable in terms of the laws of chemistry and physics. Man has no soul, no spirit, no significant individual value, no continuity of life. He is entirely an evolutionary product, the specie *Homo sapiens*, and subject to modification, adaptation, and transformation by the applied, established laws of animal husbandry.

William Z. Foster, chairman of the American Communist Party, expresses it in his book, *The Twilight of World Capitalism*, which he wrote in 1949. In the last chapter, *The Advent of the Socialist Man*, he writes:

Henceforth, the evolution of human species must be done artificially by the conscious action of man himself. Their second law, therefore, is the material animal nature of man.

The third law of communism is economic determinism. It states that the

# The Aim Of Communism

qualities of human intelligence, personality, emotional and religious life merely reflect the economic environment; that in the last analysis what we think, what we feel, what we believe, whom we love, and whom we worship is simply an expression of the environment in which we are raised, and since that environment is primarily concerned with economic forces, in the final analysis, man is a determined economic being.

Mr. Arens. I can hardly restrain myself at this point from posing this question, even at the risk of breaking the theme: If the Communists' major premise is correct, that you and I are not morally responsible, then why would the Communists in the same breath turn around and try to assess moral responsibility against what they describe as the capitalists?

Dr. Schwarz. In the final analysis they do not do that. They consider themselves as superior to the capitalist as the farmer is superior to his animal. Moral responsibility is not involved. They understand capitalist motivation as the automatic outcome of capitalist economics. Since the root is evil the fruit must be so. It is their duty to destroy the root and frequently the fruit. The concept of his moral guilt does not enter into it any more than when a farmer destroys an animal giving a positive tuberculin reaction. You do not consider that animal morally responsible. He belongs to a certain class which by reason of its association, has developed a certain potentially dangerous character, and no matter how splendid the animal, its destruction is obligatory.

Communism rests on a class concept. They believe the proletariat class is the progressive class of history and that the capitalist classes, the degenerate classes, are discarded by history and must be destroyed. To them this is the law of historical development. To argue on a bourgeois moral basis merely reflects degenerate class origin.

Economic determinism is the third law of communism.\*

Applying these laws, communism asserts that the environment of capitalism is a degenerative environment and it creates degenerate people. The responsibility for individual evil, for vice and crime, for selfishness and greed in all its manifestation is not that of the individual. It is the projection of the capitalist environment into the individual.

The Communist believes that if you are going to change the individual, if you are going to change mankind, it is foolish to think that you can do it while the degenerative capitalist environment exists. First, you must conquer the world and, having conquered the world, you must destroy the cap-

italist environment which is built on profit, selfishness, and greed. You must replace it by socialism which is built on service, co-operation, and unselfishness, so that from birth the experiences of the environment will build into the character unselfishness, co-operation, and service, and as these children mature to adolescents and adults everyone will work because they love to work; everyone will give because it is better to give than receive; the hand of no man will be raised in anger against his brother; there will no longer be any need for government and government will wither and die. There will be no need for a police force; there will be nothing for police to do. There will be no need for an income-tax department because everyone working, according to his natural impulses, gives of his best for the general well-being, and out of the abundance thus created retains only his own personal needs. Farewell anger, lust and greed, envy, malice and strife, pestilence and war; enter golden, companionable, co-operative brotherhood; mankind will live together in the glorious day of communism that has dawned on the earth.

Mr. Arens. Doctor, may I pose this question: How, to the Communist mind, is this world of goodness and of plenty and of unselfishness and love, consistent with the program which we see in effect in Communist regimes, a program of bloodshed, of deceit, of inhumanity, and the like?

Dr. Schwarz. It is the justification for it all. You see the goals. To sacrifice one or two generations is not a very big price to pay for such a glorious goal from their point of view.

The Communists are confronted with this problem: When they conquer the world, they are left with those people who have been brought up in the capitalist environment. They have had their experiences. It has formed their character and personality. Naturally, if you leave the babies and the children with them, they will impress that character and personality upon them, so the Communists are confronted with a problem of what to do with the adults of established character and personality once they have conquered the world.

Being thoroughly materialist scientists, they do not hesitate. They say they have no alternative. Naturally, they must dispose of these classes. To them it is not murder. Murder is a bourgeois term which means killing individuals for bad reasons. They are going to kill classes for good reasons.

Mr. Arens. Is it your theme, Doctor, that the practice of communism in the world is consistent with the theory of communism?

Dr. Schwarz. Exactly. Inherent with-

in the theory of communism is the greatest program of murder, slaughter, and insanity conceivable.

Mr. Arens. It is your theory that to the Communist mind the practice of communism and the theory of communism are coextensive, that they complement one another?

Dr. Schwarz. Exactly.

Mr. Arens. What is your appraisal of the murder, deceit, and treachery which even the Communist regimes assess against Stalin?

Dr. Schwarz. To the Communists murder, treachery, and torture are frequently moral acts. They cannot regenerate human nature until they have destroyed the capitalist system. They cannot destroy the capitalist system until they have conquered the world.

Mr. Arens. What would be the mental processes by which Khrushchev could condemn Stalin for murder?

Dr. Schwarz. He did not condemn him. He justified him. In his speech on Stalin, that is the most amazing feature. We say Khrushchev condemned him because we read his report on Stalin's incredible acts and mental attitudes. We pay no attention to Khrushchev's climax. He portrayed Stalin's acts which were the most fiendish, the most brutal, the most evil in the record of man. He shows Stalin as a multiple murderer. He shows him the murderer of millions. He shows him as sadistic and insane. He shows him personally dictating the torture of his own friends. He showed, for example, when the Jewish doctors were arrested and accused of poisoning Zhdanov, Stalin called in their interrogator and said, "If you don't get a confession, we will shorten you by a head." After he portrayed the whole macabre spectacle, he finished up with this statement, in effect: "Mind you, don't misunderstand, Stalin was a good man. He did these things as a Marxist-Leninist. He did these in the interest of the working class. He was no giddy despot."

He finished up with a moral justification of Stalin. That leads us to Communist morality. Morality is relative and related to the objective situation.

You cannot regenerate mankind until you have destroyed the capitalist world, and you cannot destroy capitalism until you have conquered the world. The process of world conquest involves waging successfully the class war. Within the present phase of the world struggle, at the heart of existence, there is this universal war. As Lenin stated, "Proletarian morality is determined by the exigencies of the class struggle."

Mr. Arens. Could I interpose this question to perhaps clarify our record: Khrushchev, as we all know, had charge of the liquidation of the Kulak class. About 10 million of his countrymen were liquidated, what we would call murder. A crime of such enormous scope that the average human mind

could not begin to comprehend it. In your appraisal of the Communist philosophy and motivation in life, could Khrushchev, as a dedicated Communist, have a twinge of conscience about those murders?

Dr. Schwarz. None whatsoever.

Mr. Arens. Why, Doctor?

Dr. Schwarz. Because these murders were in the interest of the advance of Communist power and world conquest and in the direction of history's will; therefore, they were moral and righteous acts. Any twinge of conscience would be a remnant of Khrushchev's bourgeois upbringing and a failure of his Communist personality.

Mr. Arens. Could you give us a further word, Doctor, on this ideology of the Communists on the inevitability of communizing the world?

Dr. Schwarz. Yes, sir. Their basic theoretical concept derives not from Stalin, not from Lenin, but from Marx. The concept is the universality of class war. This is their theoretical concept. War is a state of being. War exists between the proletarian class, which is the future class of mankind, and the reactionary bourgeois class. The waging of this war is the great duty of all class-conscious proletarians; the future is the triumph of the proletarian class. The Communist Party is the brain of the proletarian class, and the war that manifests itself within a state is a conflict between the Communist Party and the state government until the Communist Party destroys and conquers that state. Once that is done, it manifests itself in the international realm in a state of war between those countries that have been conquered by the Communists and where their power is established and those countries as yet unconquered. The basis of Communist policy is the existence of the class war. To them it is a fact of being.

So within this framework every act which advances their triumph is righteous. Every statement that helps their cause is true.

Mr. Arens. They overlooked the Christian philosophy.

Dr. Schwarz. They wiped it out entirely.

Mr. Arens. The philosophy that the end never justifies the means.

Dr. Schwarz. The end creates the means. Any act, however brutal, and no matter how many people are killed, that advances the Communist conquest, is a peaceful act.

Within this framework of ideology and morality, no Communist can tell a lie in the interests of communism because by definition, if it is in the interest of communism, it is the truth. A person is only a material machine and truth is merely a set of electronic impulses that circulate within his brain. The ultimate truth is the will of the Communist Party. Every basic term that we use has been redefined by the Communists in terms of the class war. For example, as you well know the word "peace" is one of the

## Reprints Available

Because of serious space limitations some of the testimony of Dr. Schwarz, was omitted. Reprints of his complete testimony, however, are available from the Allen-Bradley Company, Milwaukee, Wisconsin, free of charge up to 25 copies, and at 3½ cents each for additional copies. To schools and churches, reprints are free in any quantity. We urge you to write for reprints and distribute them to every school and church group in your communities. In this way you will be helping very importantly in the fight against Communism. The Editor.

great words in the Communist vocabulary and most folks think they are hypocrites when they use the word "peace."

Mr. Arens. Certain people in high places in government have professed that the Communist regime in Soviet Russia wants peace.

Dr. Schwarz. They do want it.

Mr. Arens. What kind of peace do they want?

Dr. Schwarz. You have to understand that their basic concept is that class war is a fact of being and that peace is the historical synthesis when communism defeats the remainder of the world and establishes world Communist dictatorship, which is peace. If you ask a true Communist to take a lie detector test and ask him if he wants peace, he would pass it with ease. He would look at you with a light in his eye and say he longs for peace.

Mr. Weil. Communist peace, not peace as we understand it.

Dr. Schwarz. Every act that contributes to the Communist conquest is a peaceful act. If they take a gun, they take a peaceful gun, containing a peaceful bullet, and kill you peacefully and put you in a peaceful grave. When the Chinese Communists murder millions, it is an act of peace. When the Russian tanks rolled into Budapest to butcher and destroy, it was glorious peace. Peace is wonderful and within their framework of ideology whatever helps their conquest is peaceful, good, and true.

I believe that paranoia is at the heart of communism and that their theoretical concepts are far more convincing to them than the evidence of the facts. I believe, for example, that they, in their own mind, believe that the riots in Hungary were organized by the vicious American imperialists. There is this element of paranoiac self-deception at the heart of communism. I do not think that they are just hypocrites; they have merged the techniques of hypocrisy with the virtues of sincerity, creating a very powerful instrument.

Mr. Weil. Mass paranoia itself is a

term which can be quite deceptive.

Dr. Schwarz. It is a powerful instrument. That insanity is manifest in the world hysteria they stirred up about the Rosenbergs. The Communists manifested their tremendous efficiency as agitators around the world on behalf of the Rosenbergs. The name "Rosenberg" became the best-known American name throughout the world. There were riots in many countries, and actually quite a number of people died in these riots on behalf of the Rosenbergs. Everywhere the Communists and their friends were heart stricken and desperately miserable because of the dreadful anti-Semitic conspiracy that was leading to this cruel persecution of these two poor Rosenbergs.

In the midst of it all, they suddenly arrested a lot of their own leading Jews in Czechoslovakia, men of position, power, and Communist character; and after a farce of a trial, which occupied about two weeks, they publicly executed them. The outsider looking on would say, "What sort of people are these? How hypocritical can you be?"

The two Rosenbergs had been given a fair trial. The trial was before a jury of their peers, conducted by an impartial judge. Appeals were heard and every civil liberty granted that the fairest judicial system in the world can provide. In Czechoslovakia, these Jews were practically murdered after the most summary of judicial farces. What hypocrisy! You would expect the Communists to have at least some sense of guilt and inconsistency, but there was no manifestation of it whatsoever. If anything, their tears on behalf of the Rosenbergs flowed more freely. Their agony became more intense. To us they were utter hypocrites, but not to themselves. The execution of the Rosenbergs was an act that would retard Communist world conquest. Therefore, it was an evil act. Therefore, the Rosenbergs were guiltless. Therefore, the evidence against them was perjury. Therefore, those who gave the evidence were perjurers and criminals. Therefore, every progressive and moral proletarian heart must be emotionally disturbed because of this dreadful and evil act perpetrated with cruelty, brutality, and injustice. On the other hand, the arrest and execution of the Czechoslovak Jews would advance Communist world conquest; it would please the Arabs; it would set the stage for Communist influence in the Near East, which we see coming to fruition today.

It was an act in the interest of world conquest by communism; therefore, it was a good act. Therefore, they were guilty. Therefore, they were criminals. Therefore, the evidence against them was true. Therefore, every progressive heart must feel a sense of elation and rejoicing that justice triumphed with their death.

Second and final part will appear next month.

# for the homemakers

by Judy Parker

*Feeding the family is simple when you can go to your freezer and pull out a meal prepared weeks before at your convenience. If you haven't a freezer, freeze one or two foods at a time in the freezing section of your refrigerator.*



# A HOME

Chest freezer is original-type frozen food center. Freezer offers today's homemaker an opportunity to equalize her work by preparing meals and storing them for eating at a future time.

If there's a good buy to be found anywhere today, it's a food freezer. It can cut your food costs, save you time, trouble, transportation, provide delicious meals on short order, and add infinite variety to your menu.

It takes no more time to buy frozen foods for a month than a week. In preparing foods to freeze, it is certainly easier and quicker to make your favorite casseroles, desserts and such in quantities all at one time for several meals.

Money is saved by freezing food at home when seasonal things are plentiful and low in price, or by buying from the frozen food dealer in case lots. Too, some retailers, offer lower prices for quantity pur-

chases, and a variety of fine-quality fruits and vegetables are always available if you have a good freezer to store them. Your meals can taste of a Spring garden any time of year.

The frozen food is actually fresh food, and retains the same tempting color and flavor that makes the fresh product preferable to that preserved by any other method. It is good to look at, good to eat and good for you.

The freezer makes it possible to save leftovers for later use, instead of serving them again so soon that the family just doesn't want another bite of them. And, of course, the trick of buying an item while it is abundant and freezing it to use

when it's scarce and expensive on the market is another way you can save money.

Food freezing is so simple, so quick and so easy. No bulky special equipment to clutter closets between seasons; no long cooking, no standing over a range to pack jars. Freezer packaging materials are compact and very easy to store. Proper packaging in moisture-vapor-proof material or cartons is vitally important to protect the quality and flavor of food.

There is no doubt that families have better, more varied meals throughout the year if they own a food freezer. The family that keeps the freezer filled and uses it extensively is usually the family

# FREEZER IS A GOOD BUY!

that gain the highest financial return on the investment—a full freezer stands for economy. This calls for a well-thought-out freezing schedule based on a particular family's needs. Best practice is a rapid turnover of food in the freezer. This means using stored food, not hoarding it.

## HOW TO PLAN

With a food freezer, much of the disagreeable work in preparing meals is gone. Plan to freeze foods according to family's eating habits and package things in quantities normally needed for a meal. Do not overload the freezer with any one food. Top quality in fruits and vegetables only lasts from season to season and remember you want space to freeze all types of food at their peak desirability during the year. You want a good, broad inventory. Food in your freezer is like money in a checking account. It is there for your convenience, to be used; and no matter how long you leave it, it will never become any more—or any better. The greater the turnover of food in your freezer, the lower the cost

per package for freezer operation.

Most desserts can be frozen. Some, such as ice cream desserts, can be eaten as they come from the freezer. Others require some thawing for greater palatability.

Most cakes, pies and other pastries also store and freeze well. Yeast breads and quick bread freeze well.

Complete meals can be prepared and frozen, even unto entire menus for a week's vacation "at home."

Let's don't forget to freeze for the lunch box and for entertaining.

This chicken pot pie may give you an idea of how easy mass preparation can be. It makes 16-18 individual servings:

### Chicken Pot Pie

- ¾ cup butter or margarine
- 1 cup flour
- 2 quarts chicken stock
- 1 cup light cream
- ¼ teaspoon pepper
- Dash mace
- 1 teaspoon Worcestershire sauce
- ¼ teaspoon dried tarragon
- 36 small white onions
- 24 medium carrots, halved
- 6 to 8 cups cooked chicken in medium pieces or meat from 2 four-pound fowl
- Pastry (enough for 2-crust pie)

In saucepan, melt butter over low heat; blend in flour, stirring

until smooth. Add next six ingredients; cook over medium heat, stirring, until thickened; beat smooth if necessary. Set aside. Boil onions and carrots in small amount salted water 20 minutes or until just tender, drain. Arrange chicken, onions and carrots in 16 to 18 aluminum foil containers or individual baking dishes; pour gravy over each pie. Cool, cover and freeze.

Make and roll pastry; cut into 16 or 18 squares or rounds to fit tops of pies. Stack with two pieces of waxed paper between each; wrap and freeze.

To serve: Remove from freezer enough pies and crusts for one meal. Let pies thaw at room temperature one hour. Uncover pies and place on cookie sheets; bake at 350 degrees 30 minutes. Increase heat to 425 degrees; place crusts in oven alongside pies; bake 10 minutes longer. With spatula, place crust on top of each pie and serve. Serve with a green vegetable. Round out the menu with a spiced peach, lettuce salad, sponge cake and berries (also from freezer).

Freezer drawer glides out to put frozen foods within easy reach. Holds 173 pounds. Use as freestanding appliance or place under counter.



Refrigerator-freezer combination does double duty and this one eliminates defrosting. Freezer and food remain frost-free all time.



Upright freezer takes little floor space. This one keeps up to 500 pounds food handy. Shelves are equipped with refrigerated coils.



# FREEZER PACKAGING

Good packaging materials and correct methods of packing are as important as selecting good quality in the foods you freeze. One of the hazards of careless packaging is "freezer burn" — the grayish brown discoloration on the surface of meat. It is caused by loss of juices and can leave meat tough and dry. The reverse is true of oxidation — oxygen invades the frozen-food package and sometimes causes food to become rancid.

You can avoid these hazards and protect food against loss of flavor by choosing wrapping materials that are strong and pliable enough

to mold easily into air-tight packages. Consider, too, the many varieties of freezer containers available; they're excellent time—and spacesavers for freezing bulk foods. Basic packaging materials include (1) rolls of sheet wrapping material (18 and 24-inch width), (2) poultry bags, assorted sizes, (3) one or two sizes in two or more of the following: freezer jars, round cartons and boxes with separate liners, and plastic cartons, (4) freezer tape, (5) labeling pencil and (6) stockinette or cheese cloth. Before buying a lot of materials that you will never use, read this page and decide which materials best suit your particular needs.



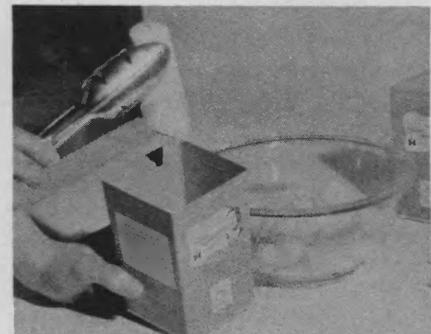
Glass freezer jars are designed with wide mouth to permit easy removal of partially thawed food; re-usable and stackable.



Freezer bags of plastic, laminated cellophane and pliofilm can be re-used if not punctured. Ideal for poultry, place bird in bag and lower in hot water to expel air. Twist and seal.



Thermoplastic film or saran is extremely pliable; it can be tape-sealed. Its transparency lets you identify contents at glance. Freezer tape comes in colors to code food.



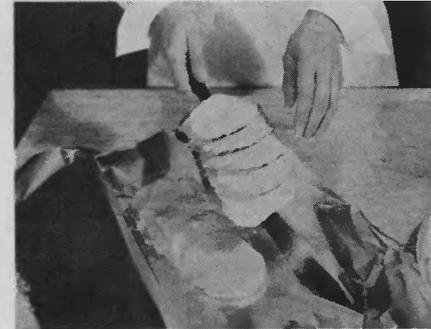
Wax or plastic-coated cartons come round or square and make inexpensive freezer aids. Tapered, stackable freezer containers of plastic conserve space and are re-usable also.



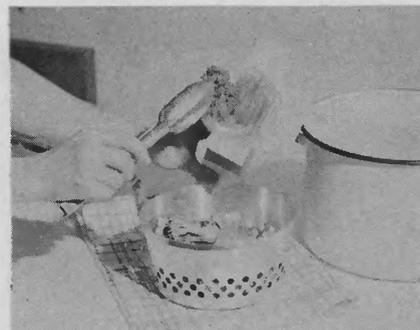
Aluminum foil baking dishes are excellent for foods like uncooked stews and meat loaves which can go from freezer to oven.



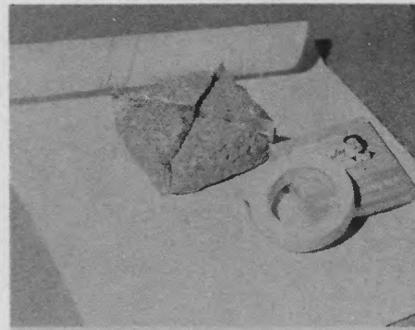
Laminated freezer paper is strong enough to resist puncturing. Seal irregular shape food packages with "butcher's wrap."



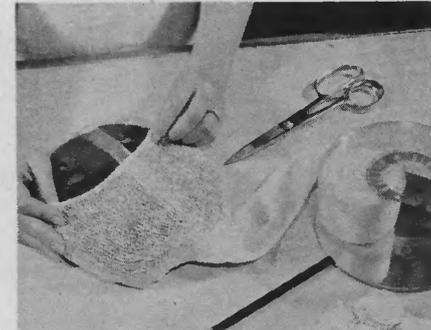
Heavy aluminum foil is an excellent conductor of cold. Here it is used for leftover sliced meat. It clings tightly to food.



Folding waxed cartons have liners of cellophane, polyethylene or laminated paper. Packages stack well and hold shape.

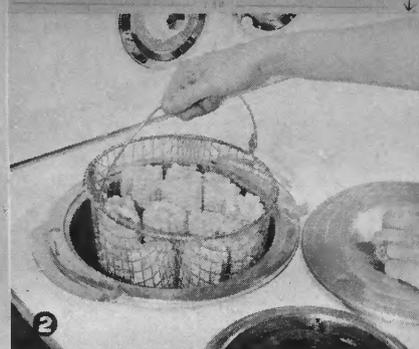
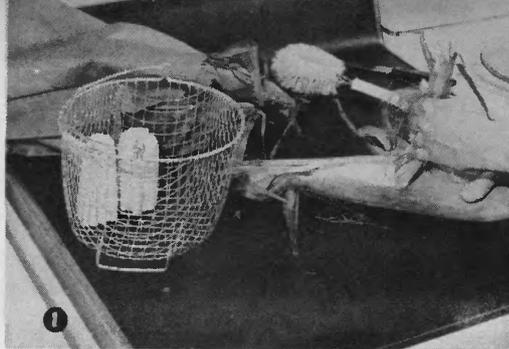


A double thickness of cellophane or aluminum foil placed between individual servings of meat makes for easier separation later.



Stockinette overwrap or cheese cloth is used for strength to prevent moisture-vaporproof materials from tearing during storage.

# To Freeze Corn



For year-round eating enjoyment freeze corn when the season is at its height. To insure best results select full ears that are in the milk stage. Test kernel with your thumbnail. If the milk spurts from the kernels, they are ripe and tender and ready to freeze. Immature corn will have less flavor. Gather corn in the cool of the morning before it absorbs heat from the sun and only as much as you can handle in a short time. As with other vegetables, corn begins to lose fresh-picked flavor and nutritional value within a short time after harvesting.

A bushel of unhusked sweet corn (about 35 pounds) should yield about 14 to 17 pounds of frozen corn, which when quick-frozen can be stored in the freezer for as long as a year.

Here are some suggestions for processing and freezing corn:

**CREAM STYLE**—Cut raw corn from cob. Scrape the cobs with back of knife. Then cook for 12 minutes on low heat (must use double boiler with gas range). Cool in pans set in ice water. Package and freeze.

**SUCCOTASH**—To some of corn cut from cob for whole kernel, add lima beans that have been blanched and cooled. Freeze on baking sheet. Package and freeze.

**INDIAN SUMMER COOKOUT**—Place corn on the cob in freezer foil directly in the coals of your outdoor fire for five to eight minutes. Like all frozen corn, it should be slightly defrosted before heating.

To supplement your favorite

corn recipes, try these taste tempters:

## CORN PUDDING

- 1 tablespoon butter
- 1 tablespoon flour
- 1 teaspoon salt
- Pepper to taste
- 1½ cups milk
- 1 teaspoon grated onion
- 1 tablespoon pimiento (optional)
- 1 teaspoon sugar
- 2 eggs, slightly beaten
- 1 pkg. frozen cut corn

Melt butter in saucepan, add flour, salt, sugar and pepper. Blend until smooth, add milk slowly, stir and cook until thick. Remove from heat, combine with other ingredients. Pour into baking dish. Set in pan of hot water and bake at 350 degrees for one hour.

## CORN FRITTERS

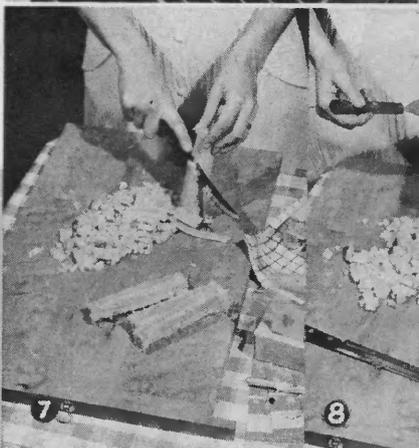
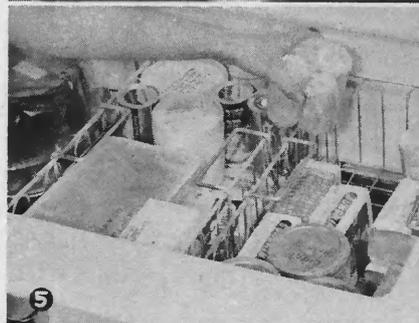
- 1½ cups flour
- 1 teaspoon salt
- 1½ teaspoon baking powder
- 1 egg, beaten
- ¾ cup milk
- 2 cups cooked corn

Sift dry ingredients together. Combine egg with milk, beat. Add corn and pour into dry ingredients. Stir only until mix clings together. Drop spoonfuls of batter about size of walnut into deep hot fat, dry until brown, drain on absorbent paper. Makes 24. Leftover fritters may be frozen and warmed in 250 degree oven 15-20 minutes.

## ESCALLOPED CORN

- 12 oz. pkg. frozen cut corn
- 2 eggs, well beaten
- ½ teaspoon salt
- Pepper to taste
- ¼ cup chopped parsley
- ¾ cup milk
- ½ cup cracker crumbs
- 3 tablespoons butter

Thaw corn to separate kernels. Combine corn, eggs, seasonings and milk. Put ⅓ of corn mix into a buttered casserole, cover with ⅓ of cracker crumbs, dot with butter. Repeat until all is used, top with cracker crumbs and butter. Bake at 325 degrees for 25-30 minutes.



1. Shuck fresh corn, remove silk, break into convenient serving pieces.
2. Steam-blanch corn eight minutes. If you have a deep well on your electric range, place one inch of water in well with trivet placed on low position.
3. Plunge immediately into ice water, cool thoroughly—one and a half times blanching period. This prevents "cobby" taste.
4. Package enough for a meal in bag, freezer paper or foil. Press out air, seal and date.

5. Place packaged corn against freezing surface of freezer for quick-freezing.
6. Months later, bake corn at 350 degrees after it's thawed, dabbled with butter, salt and pepper for 30 minutes. Frozen corn is better steamed than boiled.
7. For whole kernel corn, follow first three steps. Drain well and cut corn from cob.
8. Package and freeze immediately.



# PEN PALS

Hi Pen Pals,

Just look at this page—only three pictures! Sure wish you boys and girls would send some pictures with your letters—don't you think that our Pen Pal readers would like to see whom they are writing to. Come on guys and gals, let's have some pictures for publication. Send any letters for publication to Judy Parker, Jr. Rural Electric News, Box 1180, Springfield, Ill.

## LIKES TO READ

I am nine years old and my birthday is February 16. I have brown eyes and light brown hair. My hobbies are reading books and riding bicycles. Would like to hear from boys and girls around my age.—Martha Jane Creek, R.R. No. 2, Watseka, Ill.

## ENJOYS SINGING

I am 11 years old and my birthday is October 17. I have brown hair and brown eyes. I am going to be in the seventh grade at Crescent City. I would like to hear from boys and girls around my age.—Mary Creek, R.R. No. 2, Watseka, Ill.

## COOKS AND SEWS

I will be 16 years old next April 30. I have brunette hair and greenish-blue eyes. I am five feet, one inch tall and weigh 105 pounds. My hobbies are reading, writing, cooking and sewing. I also like to baby sit. I had my name in the Rural Electric News once before and I received many nice letters but on account of illness I was unable to answer. Now that I am recovered, I would like to hear from boys and girls between the ages of 14 and 18.—Betty Wilson, Loda, Ill.

## ENJOYS FISHING

I am 15 years old and have brown hair and brown eyes. I'm five feet, seven inches tall. I go to Milford High School. My hobbies are fishing and hunting. I would like to hear from boys and girls between the ages of 14 and 17. Send a picture if possible. I'm the one pictured



at the right.—Jerry Ray Franklin is the other one. — Bill Morris, 601 E. Lyle Street, Milford, Ill.

## DOES HANDICRAFT WORK

I am 12 and my birthday is January 19. I will be in the seventh grade. I have blue eyes and light brown hair. I am five feet tall and weigh 90 pounds. I wear glasses part of the time. My hobbies are riding my bicycle, cooking and doing handicraft work. I also play some sports. I play the accordion too. I have two brothers. I live on a 251 acre farm. I would like to hear from boys and girls of the ages of 11, 12 and 13.—Mary Ann Eilers, R.R. No. 1, Chandlerville, Ill.

## ROCK AND ROLL MUSIC FAN

I am 15 years old. I have light brown hair and blue eyes. I weigh about 110 pounds. I am in the 10th grade at Cave-In-Rock High School. My hobbies are listening to Rock and Roll Music, watching TV and going to Fairs. I would like to hear from girls and boys of all ages. I promise to answer all letters.—Jimmie Tadlock, Cave-In-Rock, Ill.

## LIKES TO DRAW

I am 18 years old. I have brown curly hair and blue eyes. I'm five feet, nine and one-half inches tall. My hobbies are drawing, hiking, and swimming. I live on a farm. I would like to hear from boys and girls between the ages of 15 and 19. Send a picture if you have one. I will try to answer all letters.—Richard Lee Franklin, 201 S. W. Avenue, c/o Stone Franklin, Milford, Ill.



## SEPTEMBER BIRTHDAY

I am five feet, two inches tall. I have brown hair and brown eyes. I am 13 years old and my birthday is September 13. I live on a big farm, and I have lots of pets. Would like to hear from boys and girls between 13 and 16. I promise to answer all letters. Would like to have pictures, if possible. So come on and fill my mailbox now.—Delores Mae Stuart, R.R. No. 3, Murphysboro, Ill.

## COOKS AND SEWS

I am 11 years old. My birthday is August 7. I have three brothers and five sisters. I have one dog. I attend Mendon Grade School and I am going to be in the seventh grade. My hobby is collecting movie star pictures. I have blonde hair and blue eyes. I am four feet, seven inches tall. I live on a farm. I like to cook and sew. I would like to hear from boys and girls from the ages of 10 to 13. I will answer all letters.—Vicky Price, R.R. No. 2, Mendon, Ill.

## WATCHES BASKETBALL

I am nine years old and my birthday is June 6. I have blue eyes and brownish-blond hair. I am in the fourth grade at Central School. My hobbies are watching basketball games and reading books. I have two sisters and one brother. I would like to hear from girls from eight to ten years of age. — Bettie Marks, Route No. 6, Olney, Ill.



## COLLECTS SHAKERS

I am 10 and in the fifth grade. I have hazel eyes, brown hair and I am four feet and six inches tall. My birthday is March 26. Do I have a twin? My hobbies are swimming and collecting salt and pepper shakers. I would like to hear from girls between nine and 12. I promise to answer all the letters I receive.—Mary Etta Knapp, Fairbury, Ill.

## HAS PET DOGS

I am 11 years of age and I am four feet, eight inches tall. I have long blonde hair and baby blue eyes. My birthday is September 17. I'm in the sixth grade and I go to McClure Grade School. My hobbies are cooking, skating and swimming. I have three pet dogs, Kay, Bob and Spot. I would like to hear from boys and girls between the ages of nine and 14.—Suzanne Benefield, Box 123, McClure, Ill.

## LIKES TO WATER SKI

I am 12 years old and my birthday is August 31. Do I have a twin? I have brown hair and brown eyes. I'm four feet, 11 inches tall and weigh 102 pounds. I will be in the eighth grade at Findlay Junior High. Some of my hobbies are water skiing, swimming, tennis, horseback riding, etc. I also have Pen Pals from Hawaii and Wyoming.—Carol Sue Workman, R.R. No. 4, Shelbyville, Ill.

## LIKES TO FARM

I am 16 years of age and have brown hair and greenish-blue eyes. I am five feet, four and three-fourths inches tall. I go to Wellington High School. I weigh 106 pounds. My hobbies are farming and hunting—also fishing. I would like to hear from boys and girls between the ages of 14 and 17. I will try to answer all letters, if possible. My picture is the one on the left with Bill Morris.—Jerry Ray Franklin, R. R. N. 3, Hoopeston, Ill.

## COLLECTS NAPKINS

I am 13 and my birthday is May 8. I have brown hair, blue-green eyes and weigh 84 pounds. I am about five feet and one-half inch tall. I will be in the eighth grade in Kinmundy-Alma High School. My hobbies are writing letters, playing my clarinet and collecting napkins. I have two brothers and one sister. I would like to hear from boys and girls between the ages of 11 and 15.—Susan Kline, Kinmundy, Ill.

# Patterns for Handiwork Fans

Each month of the year brings new and exciting ideas for the needleworker. Whether her forte is knitting, crochet work or any of the other needlework arts, she will find nearly endless variety of designs which are useful, fun and inexpensive to make, and flattering fashion-wise. These patterns are yours just for the asking! Send a stamped, self-addressed envelope for every THREE patterns you wish.

1. MOTHER AND BABY SET—For the mother and her new baby, make this wonderfully useful, soft and attractive set of jackets. Make them in downy baby wool, nylon yarn or blend wool and rayon for an interesting texture. Baby's sacque and mother's bedjacket are both crocheted in the pretty and easy shell stitch.

2. NAPKIN AND PLACE MAT SET — Creamy pastel linen edged with matching lace of dainty pineapple design is a place mat confection that looks good enough to eat. It is accompanied by a crochet-bordered napkin.

3. "PANSY PATCH" DOILY—Be among the first in your community to try this newest crochet fad — working around plastic! You can buy the plastic doilies in several shades in most super markets and variety stores.

4. PLAID PLACE MATS—These gay tartan place mats are made from crocheted mesh woven through with strands of brightly colored cotton. The colors used are yellow, black and Spanish red. The direction leaflet for these place mats also gives instructions for making a set of tartan potholders.

5. DRESS-UP STOLE—To add glamor to the simplest of dresses, crochet a lacy, graceful stole. The one shown is easy to make and you'll enjoy wearing it during many months to come.

6. MODERN TABLECLOTH — In the fashion field, today's styles are reminiscent of those so popular several decades ago. In furniture, one style which has recently returned to favor is the round table, and the crocheter can choose from many patterns for a cloth which will add beauty to the table.

7. DOLLS OF THE AMERICAS—The costume doll, dressed in crocheted finery, is always popular with needleworkers of all ages. The three shown have ensembles as colorful as their names: The Gypsy Girl, Miss Rio, and Miss West Indies.

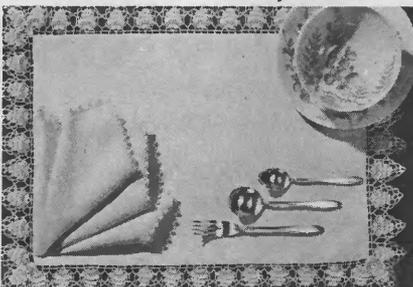
8. STAR AND FAN DOILY—Traditional crochet has taken on a truly contemporary air, as this good-looking doily shows. Sharp, straight lines and solid areas make the difference. About 13 inches in diameter when completed. Star and Fan Doily is worked in simple treble crochet stitches, chains and clusters.



1. Mother and Baby Set



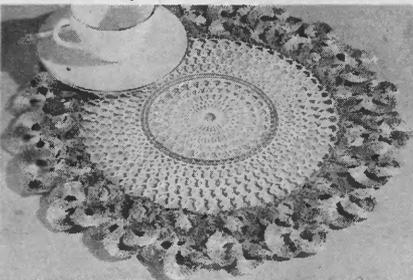
5. Dress-Up Stole



2. Napkin and Place Mat Set



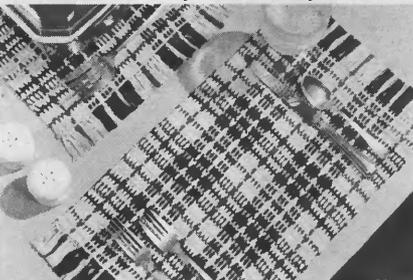
6. Modern Tablecloth



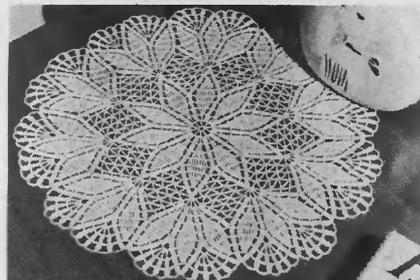
3. "Pansy Patch" Doily



7. Dolls of the Americas



4. Plaid Place Mats



8. Star and Fan Doily

## ILLINOIS RURAL ELECTRIC NEWS

Judy Parker  
Box 1180  
Springfield, Illinois

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

- |         |                          |         |                       |
|---------|--------------------------|---------|-----------------------|
| 1 ..... | Mother and Baby Set      | 5 ..... | Dress-Up Stole        |
| 2 ..... | Napkin and Place Mat Set | 6 ..... | Modern Tablecloth     |
| 3 ..... | "Pansy Patch" Doily      | 7 ..... | Dolls of the Americas |
| 4 ..... | Plaid Place Mats         | 8 ..... | Star and Fan Doily    |

My name is.....

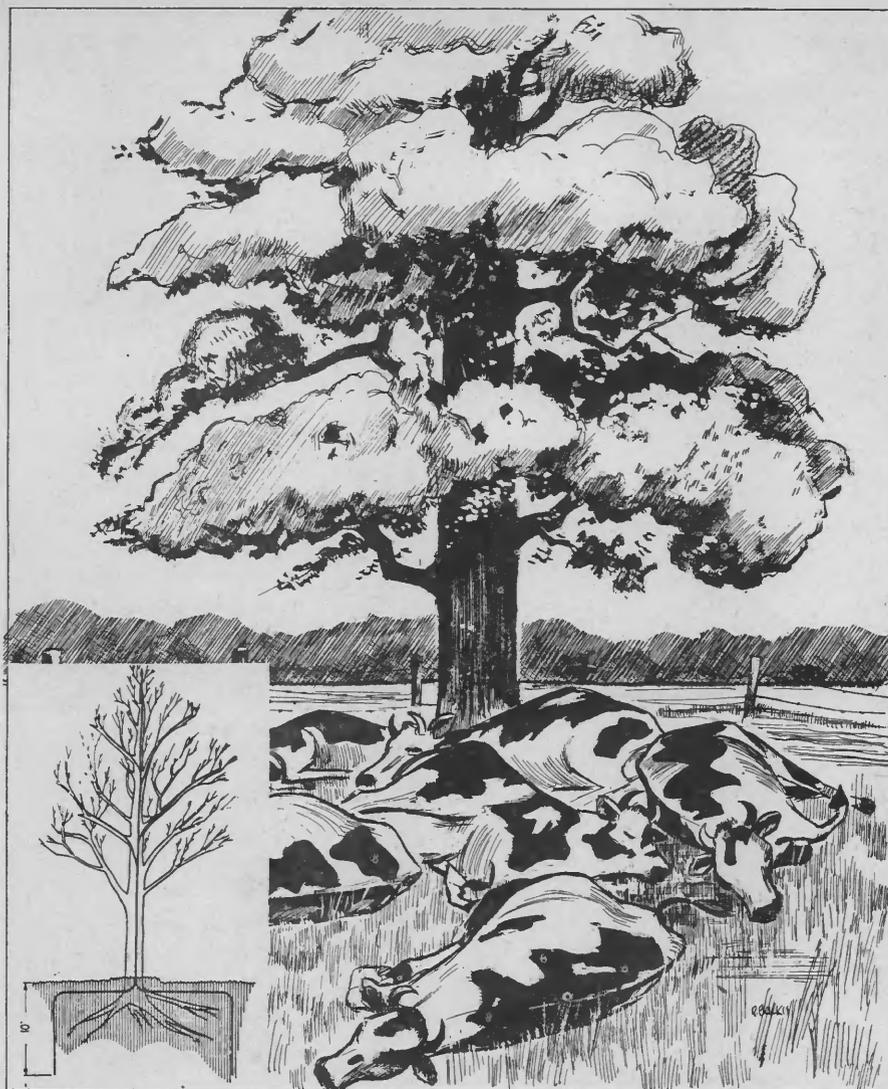
Address.....

Comment (if any).....

This coupon expires Aug. 20, 1958. Orders must be postmarked by that date.

# Nature's

## DEADLY



Lone tree in pasture, instead of affording safety, was death trap to these seven cows when lightning struck. Drawing is from actual photograph of same scene. Inset shows protective rodding which grows with tree and safeguards cattle. Tallest tree in a grove should be rodded.

**Y**ou can't prevent lightning. But you can do something about controlling it.

And control of lightning is an important project for rural Illinois families.

In the next few months, lightning will kill thousands of head of livestock, cause 37 per cent of all rural fires and cause losses totaling \$120-million.

The average farm in the U.S. is a potential target for 40 electrical storms per year.

On the average, 10 lightning bolts will hit within a half-mile radius of each farm and ranch in the U.S. this season.

Those figures come from the Lightning Protection Institute which also provides the following information concerning the causes of lightning and the method of

protecting your livestock and property from it.

Positive electrical charges are always located in the earth. During electrical storm periods these charges are increased by induction from overhanging negative charges in clouds. Then the ground charges swarm all over each other in a frenzied attempt to reach a point as near as possible to the opposite charges above. This high point may be the chimney of your house, a power pole, silo roof or a cupola atop the barn.

When the attraction of earth to sky charges becomes great enough, the two charges leap toward each other and collide with a terrific explosion. Oddly enough, while the leader stroke travels from a negative-charged cloud, the more intense stroke comes from the elec-

trified earth field of positive protons.

This frenzied rush of ground ions to join with their cloud opposites, is the cause of most damage.

The core of the lightning bolt is about three-fourths-inch thick and contains millions of volts of potential and as much as 340,000 amperes of current. Around the core is a four-inch thick channel of terrifically-heated air. The accompanying thunderclap is caused by heating, ionizing, and exploding of air molecules.

The path of the stroke is in reality the climb or the ladder of electrical ions up the walls of your home, barn, or other structure. Since wood, concrete, brick tile and other building materials are very poor conductors of electricity, these substances hinder and resist the electrical flow.

This resistance is so great that, as the electrical charges finally manage to push through, friction develops terrific heat, which sets fire to inflammable materials and causes others to expand violently, crack, and fall apart. This is why buildings, if not protected, are so frequently damaged or totally destroyed when struck by lightning.

Lightning sometimes hits a tree, skips to the house, goes through it from nail to nail or wire to wire, and then enters the ground by way of the water pipes. Or it can strike a barbed wire fence, travel along it for hundreds of yards, perhaps killing a cow or two near the fence, and then apparently for no good reason, stops and enters the earth.

What lightning is seeking in its erratic course is merely the path of least resistance between earth and sky. A properly installed lightning rod and grounding sys-

# WEAPON

tem provides that easy path. More often than not, it is the upsurge or break-away of the positive electrical charge in the earth or building, that causes lightning to occur and to damage the structure.

An effective lightning protection system removes this danger, as the bolt from the ground will travel along a smooth highway of metal conductors. The horde of electrical charges flows along these conductors in preference to the walls, rooftops, and chimneys of the buildings.

When lightning strikes down from the sky, the protection system provides a route for the destructive bolt of electrical charges to be conducted safely to the ground. The system protects the structure by preventing the discharge from passing through any non-conducting materials. With the lightning protection system, a building is assured protection because all friction, heat, and damaging results of fire are eliminated.

Heavy losses of cattle and other animals are often the result of the "herding" instinct when danger threatens. Animals will huddle together under trees, near fence rows, and in other spots where there is shelter from wind and rain.

In doing this, the animals expose themselves in the most dangerous spots for lightning strikes. Isolated trees and wire fences are highly vulnerable.

However, valuable animals in pasture can be protected by "rodding" trees with protection systems that "grow" with the tree; and by grounding wire fences at intervals.

In tree protection systems, rods or terminal points are placed at the ends of uppermost limbs, and

inconspicuous cables connect the rods to ground rods driven below the root system.

Increased use of metal-clad or metal-roofed structures for barns, silos, machine shops, storage facilities, etc., points up the danger from lightning to this type of structure.

Hundreds of cases of complete lightning destruction to metal-clad buildings on farms prove that simple grounding of a metal-roofed or sides building does not protect the building from lightning damage, fire or loss.

Underwriters Laboratories' "Master Label" requirements state: "The lightning conductor system shall be applied to the roof or metal-clad building in like manner as on buildings without metal coverings."

One of the wisest investments on a livestock farm is a lightning protection system properly installed with wire fences and other metallic bodies tied into the system.



### PLAY-YARD FURNITURE

Here are four patterns in one. The clown, slide, teeter-totter and the sand box. The pattern gives actual-size cutting diagrams for the clown with color guide for freehand decorating. All painting and assembling directions complete on pattern 317. Price 25c.

Illinois Rural News Pattern Dept.  
Bedford Hills, New York.

# Modernize Your Farm



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FEDERAL LAND BANK LOANS are available to farmers for various purposes such as:

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NATIONAL FARM LOAN ASSOCIATION

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All Ads

Deadline is 24th of month preceding publication.

The Illinois Rural Electric News goes into 108,000 farm homes in Illinois each month—actually over 430,000 readers, representing one of the most prosperous farm markets in the nation.

Advertisers are invited to use RURAL EXCHANGE, the classified section of the Illinois Rural Electric News.

Payment must accompany your order. Make checks or money orders payable to Illinois Rural Electric News. Ad will be started in earliest possible issue.

Non-member advertisers may deduct a discount of 10% on six month orders; 15% may be deducted on 12 month orders.

Mail ad and remittance to RURAL EXCHANGE, Illinois Rural Electric News, Box 1180, Springfield, Illinois.

# Policy Wasn't Issued Yet—But Farm & Home Paid \$10,000<sup>00</sup>



Malcolm Rudolph (sitting) and Charles Barbre (standing) of the Farm and Home Insurance Agency in Decatur, Ill., hand a check in the amount of \$10,000 to Cora Vincel, Johnsonville, Ill., widow of Edward H. Vincel, Charter Life policyholder.

## PROMPTLY TO INSURED'S WIDOW!

Edward H. Vincel's application for a \$10,000.00 Charter Life insurance policy had been approved by Farm and Home's Underwriting Dept., but the policy had not been issued yet when he passed away Jan. 24, 1958. Nevertheless, the death claim was paid just as promptly as if the policy had been in force for months and years. This was an unusual occurrence, but the way it was handled is typical of Farm and Home's prompt, thorough and friendly service to its policyholders. Ask your friends who own them.

## The Cost IS LOWER

**You Are Invited to Compare the Cost of Farm and Home's CHARTER LIFE Insurance Policy With All Others!**

### You Need the Farmer's Plan of INCOME PROTECTION

**It Can't Be Cancelled by the Company**  
Monthly Loss of Time Benefits

Pays \$50-\$200 per month for loss of time due to accident, even for life. Pays \$100-\$400 per month while confined in licensed hospital, up to 3 months in any one case. Pays half benefits even for partial disability caused by accident. Pays \$50-\$200 per month for loss of work time due to illness (1 or 2 years, your choice). Pays 1 month first 2 years, 2 months next 3 years, full benefits after 5 years, for time-loss due to pre-existing condition, if such condition noted on application, and applicant is not under doctor's care at the time of application, and policy is in effect 6 months. All premiums waived if total disability continues after 90 days, for length of claim.

#### Accident Benefits

Pays \$10,000 for accidental death anywhere. Pays \$10,000 for loss of any 2 or combination of 2 members in ordinary accidents. Pays \$5,000 for loss of 1 foot or 1 hand. Pays \$3,333 for loss of sight of 1 eye. Policy Form No. 5125.

This is a net cost, full legal reserve cash policy that will allow the holder to participate in the surplus earnings of the company. Because of its extremely low cost, it is being sold only in amounts ranging from \$10,000 to \$25,000, and only to Farm and Home stockholders and policyholders of the Farm and Home Plan.

*Listed here are examples of insurance policies offered by six well-known companies. All are participating-type policies, and the cost is on a per thousand basis, before dividend, computed at age 35.*

Company A .....	\$27.64
Company B .....	27.67
Company C .....	25.61
Company D .....	25.35
Company E .....	25.39
Company F .....	23.46
FARM AND HOME .....	\$18.63

*If you need life insurance, you can now qualify for this net cost Charter Life Policy by becoming a Farmer's Plan policyholder. For full details, and for your free gift, mail the coupon below.*

## Rain Gauge FREE

Just for letting us tell you more about

### The Farmer's 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 old and wish to receive information about the Farmers' Plan, along with my free gift, without obligation.
- I am a Farmers' Plan policyholder and wish to receive information about your Charter net cost Life Insurance policy.

Name.....

Address.....

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

Detach and Mail to: Dept. IREN-28, Farm & Home Insurance Co., 2050 N. Meridian St., Indianapolis, Ind.

**NOTICE: The insurance policies described above are sponsored by—and ONLY by—The Farm and Home Insurance Company of Indianapolis.**