

Illinois

Rural Electric News

June 1958



The Kochers'
remodelling 'miracle'
(story, page 2)

Published by
Association of Illinois Electric
Cooperatives

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Our Cover

When Mr. and Mrs. Urban Kochers of near West Liberty in Jasper County, decided to remodel, they went all the way. When you see the picture of their house before (page 3), you'll know what we mean. And while they spent \$10,000 on the alterations, they consider the cost a bargain. They're members of Norris Electric Co-op of Newton.

A Need for Tolerance

Americans have great hopes for world peace, yet demonstrate to the world a country full of groups fighting each other with something akin to savage ferocity.

And most of the vicious name-calling and "dirty pool" among American groups, is mainly over money, even though some of the more self-righteous have tried to dignify their causes by adopting a patriotic or a "holier-than-thou" veneer.

All virtue
not on one side

Too many crusaders on all sides seem unable to make the distinction between economic causes and religion.

As a result, newspapers, magazines, and halls of Congress, are filled with better denunciations of one group of Americans by another. Each side claims to be possessed of the absolute truth and endowed with complete virtue.

An example of this sort of intolerance is the current slanderous campaign being directed against cooperatives in regard to federal income taxes. All co-ops are branded as somewhat un-American because they don't pay income tax on refunds they make to their member-customers.

The co-ops are not violating any law in doing this. Any non-co-op corporation may do the same. If a company were to give its margins back to its customers, it would not have to pay a tax either.

Is there something unfair about operating a business except for profit? If there is, then outfits like the Associated Press, schools, community chests, trade associations, and animal shelters, should hang their heads in shame.

Under present methods of operations, a cooperative charges its patrons more for goods or services than they cost, and at the end of the year, returns the savings. These savings are not the same thing as profits of a non-co-op corporation.

Co-ops, however, could elect to handle goods or services for their members on a deficit basis and thereby eliminate margins. Any shortage could be made up at the end of the year by pro-rata assessments on the individual members.

No matter how you look at it, savings, refunds, rebates, trading stamps, or whatever you want to call them, are not business profits and so are not taxable.

With few exceptions, farm co-ops pay all the taxes other corporations pay including state, local, property, sales, and federal excise and income taxes. And again with few exceptions, (exempt co-ops must meet rigid regulations) most co-ops pay income tax on dividends and margins put into surplus.

Cooperatives are not un-American. They have a long record of worthwhile service, and they fill an important economic need particularly in farm areas. They don't deserve the "black-eye" that some prejudiced individuals and organizations are trying to give them.

There's need for a lot more tolerance on the part of all Americans. We had better get our own house in order before we go out and preach peace and good will to the rest of the world.

ILLINOIS RURAL ELECTRIC NEWS is the official publication of the Association of Illinois Electric Cooperatives. Publication Office, 240 West Madison Street, Waterloo, Wisconsin. Subscription price, 60 cents per year. Five cents per copy. Entered as second class matter at Waterloo, Wisconsin, under the Act of March 3, 1879. Postmaster: In using Form 3579, address to Illinois Rural Electric News, Box 1180, Springfield, Ill. Please do not

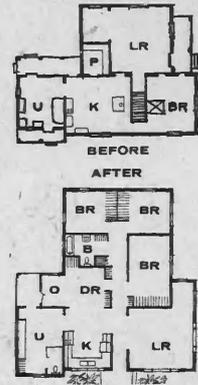
clip off key number. Advertising and editorial inquiries should be directed to the Illinois Rural Electric News, Box 1180, Springfield, Ill.

Advertising representatives: Richard M. Hausler, director, Rural Electric Consumer Publications, Shoreham Building, 15th and H Streets, Washington 5, D. C. Member, Illinois Press Association. Member, National Electric Cooperative Press Association.

You'd never guess the age of this home!



Mr. and Mrs. Urban J. Kochers pose proudly in front of their remodelled, 50 year old farm home.



From all appearances, the ranch home of Mr. and Mrs. Urban J. Kochers, of near West Liberty in Jasper County, is new. Actually, however, this modern-looking, country residence is 50 years-old.

The Kochers cut down and streamlined an old-fashioned, two story farm house, (shown above at left), and ended with the up-to-date, one story home pictured at the right. And for this extensive home improvement achievement, the Kochers won third place in a national contest.

"Why didn't you tear the old house down and start from scratch?" is a question the Kochers often hear from folks who find it difficult to believe that a building could be so completely altered in shape and appearance.

"We thought about doing just that," the Kochers confess, but add: "We decided to remodel instead for two good reasons. First, the house stood on the ideal spot for a homestead. Secondly, we learned we could save from \$3,000 to \$5,000 by converting instead of rebuilding. Then, too, we had a place to live while the work was going on."

COST \$10,000

Total cost of the "face-lifting" job came to less than \$10,000. They now have an efficient home worth a great deal more than that.

Urban and his wife acquired the old, white, six-room dwelling in

1946 when they purchased their 167-acre farm. Like the barns and other buildings on the place, the house was in very run-down condition. But Kocher gave it a coat of paint, and let it go at that until some future time when he could afford to fix it up. Repairing the outbuildings took top priority then.

Ten years later, the Kochers decided the time had come to make a major decision about improving their living quarters. Their antiquated home, with which they had put up for a decade, had neither indoor plumbing or central heat. Its three porches and roof were in bad shape.

The Kochers spent months drawing up their own plans for the remodeling. They hired a contractor to do most of the work which consisted of the following:

- Cutting off the second floor and lowering the roof. Some of the old lumber was salvaged and used to add two bedrooms, a bath, and a farm office to the first floor.

- Ripping off two of the three porches and changing the entrance from the front to the driveway side. The third porch became part of a utility room.

- Making the kitchen smaller and installing a modern sink, plus built-in cabinets. The work area is now U-shaped.

- Enlarging the living room by

taking out stairway and utilizing extra space made available from former kitchen.

- Adding running water and inside plumbing. Pond supplies all water except that used for drinking which comes from a well.

- Rebuilding the foundation. Concrete blocks replaced the old bricks.

- Lowering the first floor ceiling, insulating ceiling and sidewalls, relathing and plastering.

- Replacing old windows with new, modern sizes including large picture windows in kitchen, living and dining rooms.

- Replacing siding with shingles and clap boards.

The work required nearly a year to complete. During the alterations, the Kochers and their two young daughters moved from room to room to keep out of the way. They spent the last eight weeks living in the utility room.

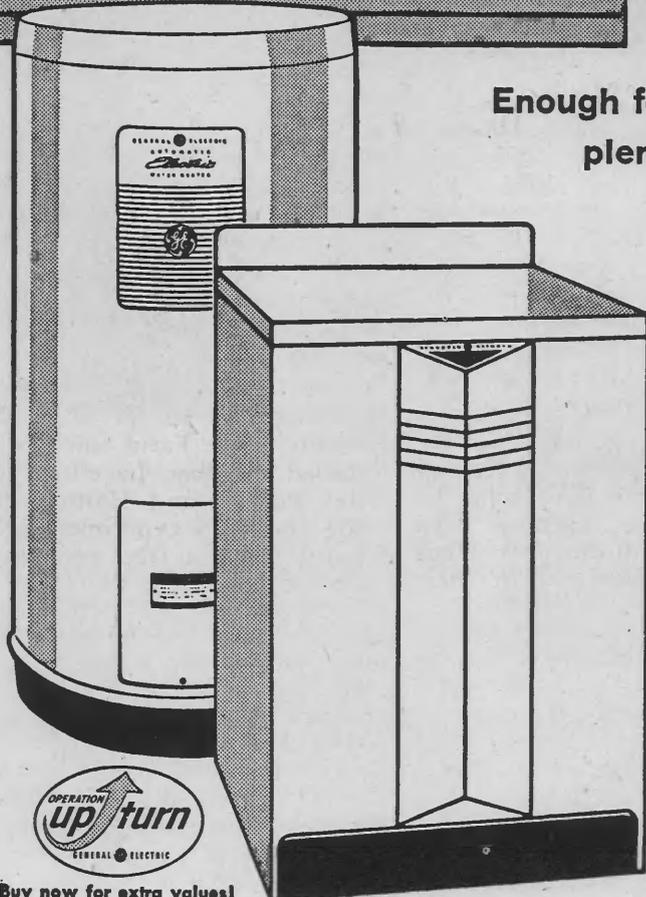
And just before completion, they entered a home improvement contest which a national farm magazine was conducting. Their remodeling efforts won third place and a check for \$500.

The Kochers are members of Norris Electric Cooperative of Newton. They realize that without electricity, their dreams of having a modern farm home, could never have been fulfilled.

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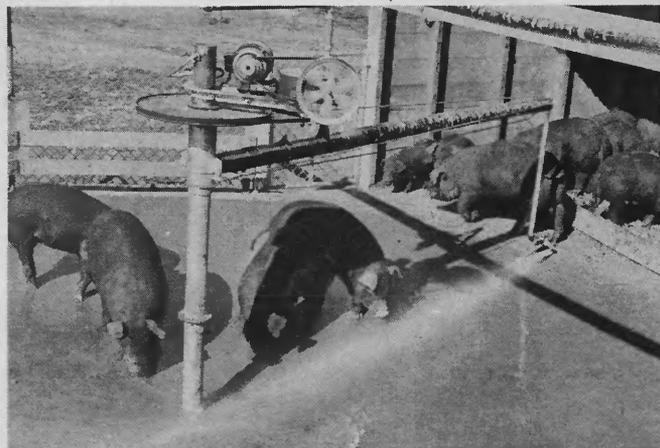
Buy now for extra values!



Here's the first completely automatic hog feeding system. It's electrically-powered.



An electronic "brain" keeps fresh feed in front of pigs at all times. Automatic waterers satisfy their thirst.



The pigs soon learn to do toilet chores on the concrete exercise apron, where spray of water keeps it clean.

Kilowatts making hog feeding automatic

By Hadley Read

● Hog feeding in the future may be nearly completely automatic. And electricity is one of the giant helping hands which is making this possible.

Agricultural scientists at the University of Illinois have combined the results of 15 years of research into an experimental automatic hog feeding system which takes nearly all of the man labor out of feeding hogs.

Briefly, here's how the system works:

Through an ingenious arrangement of electrical circuits, motors, switches, and time devices, feed is delivered from separate storage bins in the right amount at the right time. Again automatically, it is blended, ground, and delivered to self-feeders without the need of even pushing a button.

A supply of drinking water is maintained constantly. During the winter months, an electrical heating unit keeps it from freezing.

The concrete, dish-shaped, exercise area is automatically cleaned by the use of a high-pressure water spray from a revolving boom. An electrical timing device can be adjusted so that the area is water-swept as often each day as necessary. The liquid and manure is

pushed to a center drain where it flows into a septic tank.

The experimental unit at the University is designed to take care of 30 to 40 fattening hogs, but the system has the potential of being expanded to handle as many as 6,000 hogs at one time.

H. B. Puckett, USDA Agricultural engineer, and E. L. Hansen, professor of agricultural engineering on the University staff, co-designers of the unit, point out that the over-all objective of the project is to completely do away with manual labor in hog feeding.

In the test unit, the hogs are housed on concrete in an 18 foot by 24 foot aluminum covered shed which is divided into resting and feeding areas. To go from the resting area of the shed to the feeding area, the hogs must move onto the circular concrete exercise area which is 21 feet in diameter. Hogs soon learn to take care of their "toilet chores" while on the exercise floor, keeping the bedding in the resting area clean and dry. It is this exercise area which is swept clean with the water spray.

The feed is stored in self-unloading bins located away from the feeding area. Both flat-bottom and hopper-bottom bins are used in the experimental system.

With the ingredients of the ration determined, feed metering devices which are fed from each bin, deliver the right amount of each ingredient to the grinder and mixer.

Supplements, minerals, and vitamins are pre-mixed to form a supplement concentrate.

The properly ground and mixed feed is conveyed directly to the feed distributor when it is "called for" by a switch on the self-feeder in the feeding area. When the supply in the feeder gets low, the switch flashes the signal for a new delivery. The flow stops when the feeder is full.

The experimental unit has worked well so far on the University Swine Farm where it is installed. Few flaws have been found, but Puckett and Hansen emphasize the term experimental. They point out that the equipment is constantly being altered and replaced by other and better equipment. Detailed performance studies of both the hogs and the equipment are being made.

In the meantime, Illinois farmers can see the system in operation by driving out to the Swine Farm which is located south of the University of Illinois campus.

Mr. Read is Extension Editor at the University of Illinois.



Arnold Bohlmeier (left) shown with twin silos. One unloader serves both. Augers in two, 94-foot feed bunks (below) take silage to cattle. Bohlmeier controls entire operation from this panel (right).



A 20-MINUTE JOB NOW!

That's how quickly Arnold Bohlmeier of Bunker Hill can feed 200 beef cattle with his new automatic equipment

How much work can a man do in 20 minutes? A great deal if he harnesses the magic of electricity as Arnold Bohlmeier of Bunker Hill has done.

This 36-year-old farmer feeds 200 head of beef cattle in that short period of time. As might be expected, he has a completely automatic feeding system. All he has to do is to flip a few switches and kilowatts from M.J.M. Electric Co-op of Carlinville do the rest.

Besides saving him time and labor, Bohlmeier's electrified feeding set-up has enabled him to double his beef herd during the past year. Next year he plans to add another 100 head. "I can handle 300 as easily as 200," he points out.

For a cost of less than 11 cents a day for power, Bohlmeier's machinery mixes and distributes 4,000 pounds of silage, 500 pounds of ground corn, and 100 pounds of supplement twice every 24 hours.

The young farmer planned and built his automatic feed chore system. He spent many months looking at other farmers' installations and studying articles on feed handling arrangements. He incorporated the best ideas he gleaned from his research in his plans.

Here's what he came up with:

Two, 18 by 50-foot silos, side by side, are located at the north end of the feed lot. Each holds 325 tons of ensilage. One electric unloader empties both silos. A track, above them, permits Bohlmeier to move the unloader from one to the other.

Extending out from the base of the silos are two, 94-foot, wooden feed bunks. A nine-inch feeding auger is suspended over each. Another nine-inch auger, fully enclosed and located beneath the chutes of the silos, connects the two feeding augers. Thus silage can be fed from either silo into both bunks, simultaneously.

A small shed, 12 by 18-feet, just to the east of the silos, is where Bohlmeier keeps ground corn and supplement mixture. Two small electric augers, plus an electronic metering device, mix the ingredients together and carry them out to the feedlot augers.

The corn is unloaded from its 175-bushel hopper bin by a five-inch auger in the bottom. As the corn drops from its bin into a small, tubular auger, a metering device shakes supplement into this auger, which then carries both ingredients to the feeders.

Controls for all of this equipment are housed in a little Building Bohlmeier built between the bases of the two silos. Thus, without moving outside, or lifting one shovel, or climbing one rung of a silo ladder, the young farmer feeds his cattle now.

That's quite a change from former times when he had to throw silage down into a cart then wheel it to the cattle. The one big difference Bohlmeier sees now is, "Instead of using my back, I use electricity." Future plans include another silo for soft corn.

In addition to feeding cattle, the young farmer cultivates 300 acres. He usually plants 160 acres in corn, and the rest of the acreage in hay, wheat and soybeans. He feeds most of what he raises.

Bohlmeier's present cattle feeding program consists of buying heavy cattle in the late fall and finishing them in five months. However, with the completion of the feeding system, he says he will buy lighter cattle in September and feed them for 10 months.

With 300 feeders a year, Bohlmeier expects to retire the investment of the feeding system in about 36 months. "A lot depends upon the market price, of course," he adds.

DON'T MISS THIS ONE—ENTER NOW!
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LUCKY STAR

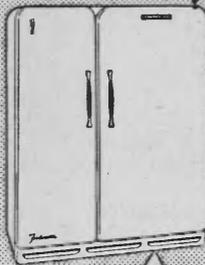
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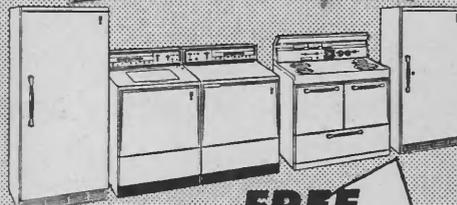
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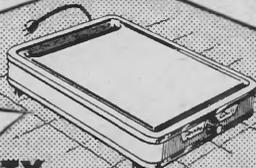


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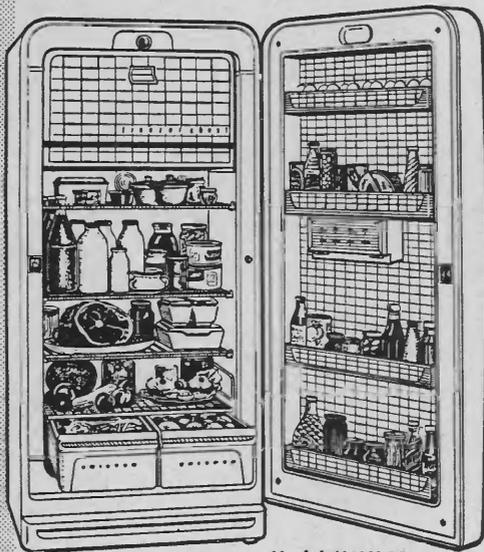
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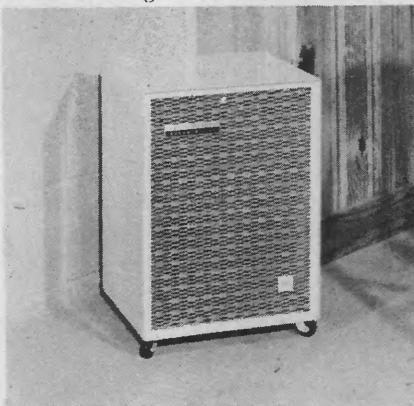
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What's New?

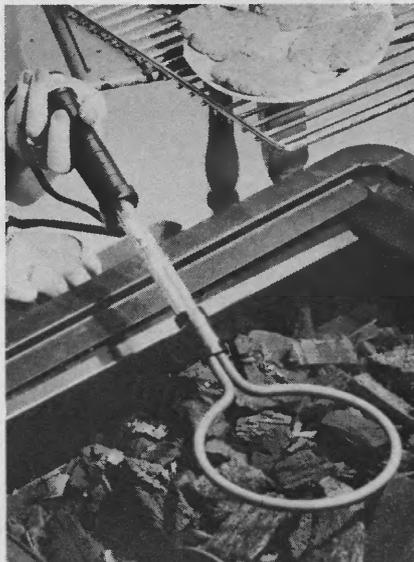
● DEHUMIDIFIER

This new dehumidifier features a quick action humidistat which starts the unit automatically when humidity rises and stops it when the proper degree of dryness is reached. It operates on 115 volts and is mounted on casters for easy moving. Moisture-laden air is fan-blown over cold, refrigerated coils which condense and draw off the moisture, leaving the air dry and clean. A plastic container catches the water, or it can be drained off through a hose. Westinghouse makes this model.



● CHARCOAL LIGHTER

Electricity can now be used to light charcoal fires, thus eliminating the need for a combustible fuel. This electric lighter is rated safe by several testing agencies. It uses little wattage and features a safety cord and stand. It can also be used to ignite logs in fireplaces. Retail price is \$5.95. Further information can be obtained from Phoenix Consumer Products, Inc., 4901 Perkins Ave., Cleveland, Ohio.

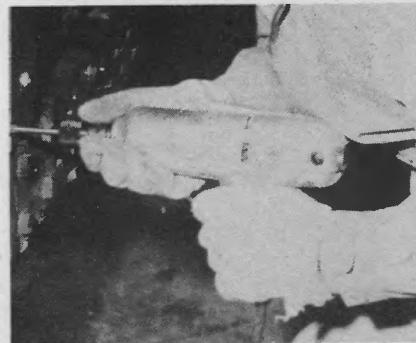


● DUAL CLEANER



A home cleaner that does the work of both a canister, and an upright vacuum provides the housewife with all the cleaning aids she needs in one appliance. An electric powered brush in the rug nozzle makes this canister cleaner sweep carpets as effectively as an upright. Other features include flexible connections, a crevice tool, a unique storage compartment, and a dusting brush. The cleaner is also lightweight, weighing only 24 pounds. It is called the Imperial Mark XII and is made by Whirlpool Corporation.

● MULTI-PURPOSE TOOL



This electrically powered tool is just as good at removing bolts and nuts, as it is for drilling, tapping, reaming, wire brushing, sanding, polishing, screwdriving, hole-sawing and boring. The tool can be reversed by simply sliding a switch on the handle. It runs off of 115 volts, and is only nine inches long. It is trademarked FarmTool and retails for \$99.50, which includes all accessories. It is made by Thor Power Tool Co., Prudential Plaza, Chicago 1, Ill.

Young Howard Saunders now owns farm he rented
for 10 years and is winning

THE BATTLE TO RECLAIM WORN ACRES



The name on the mailbox in front of the two-story, white frame farm house on the county road south of Trivoli, still reads "Howard D. Saunders." But, there's been quite a few changes made on the farmstead during the past two years that aren't readily noticeable.

For one thing, Saunders now owns the 200-acre farm that he tenant-farmed for nearly 10 years. Then too, an acre pond behind the barnyard supplies all the livestock water, formerly hauled from 30 miles away. Besides, the out-buildings are remodelled and sport fresh coats of red paint.

These are just a few of the many improvements 35-year-old Saunders and his wife have made to the farm since they purchased it. This young couple has literally changed the farm from a run-down, sub-standard place, to a modern production unit.

COST \$8,000

Saunders says it cost them over \$8,000 to modernize the place, but he believes it was money well spent. "We probably should have waited until we could have afforded the improvements, but by then, we might have been too old, or too tired to want them."

The stockily-built farmer says he has dreamt of farming on his own ever since he got married back in 1943. "I don't think either my wife or I would be happy doing anything else. Farming is in our blood." The Saunders have three young sons, also in love with the farm.

According to Saunders, the improvements solved three major problems—water, buildings, and soil. For years, he hauled water once a day for the livestock. And though the water was free, he says it took valuable time away from other work to truck it.

The pond, which eliminates this water chore, covers what had been



Saunders and his wife take time off to talk to Spoon River Co-op Manager Ted Groat.

an eye-sore—a deeply eroded gully. In addition to taking care of the water needs of the livestock, the pond is sufficient for the home laundry and new bath facilities.

Though drinking water still comes from a well, the pond water is probably pure enough, Saunders points out. It is filtered through sand, gravel and concrete tile before being pumped to the livestock.

Once this water problem was solved, Saunders undertook the repairing of all the buildings, some of which leaned like the Tower of Pisa. The old machine shed is now a small workshop as well as a garage for tractor and other farm implements.

The small hog house, with its little aisle-way, is now a 12-sow, central farrowing house. The mud-lot in front of it, is concreted over. The old barn has a new foundation, much straighter than its old one. And, overhead feed storage bins in the north side of the barn, are helping greatly to improve the efficiency in feed handling on the farm.

"I used to have my feed ground once a week by a man who came to the farm," Saunders explains. "But that meant I had to be home at a certain time each week. It usually took a couple of hours, too."

With his present system, Saunders says he can grind feed whenever he needs it. He uses a mix-mill, sit- [Continued on page 23]

FOR A COOL SUMMER



THE 1958 KELVINATOR ROOM AIR CONDITIONER FEATURES TWO-DIRECTIONAL COOLING MAKING IT POSSIBLE TO COOL ADJOINING ROOMS.



New Westinghouse can be wall or window mounted. It has oscillating louvers that direct air to all parts of room.

Cart makes Westinghouse portable unit easy to move. Platform adjusts to proper level so it can slide into frame.



■ Window air conditioners are still the most popular and practical solution to summer cooling for the majority of rural homes. Here's why:

1. They cost less to buy than central systems. Plenty of bargains to be had in room units starting as low as \$150.
2. Simple to install. No need for expensive duct work or plumbing.
3. They're fairly flexible. Cooling capacity of a single unit can often be "stretched" to take care of several rooms.
4. They allow you to condition just the rooms you wish to, and team up well with exhaust fans which are excellent to take over night-time cooling.

Of course, window units have some disadvantages when compared with central conditioning systems. They are not as efficient, for one thing. Then too, they are rather unattractive viewed from the exterior of a house.

But these minor disadvantages are of small concern to the average rural home owner, when he takes into consideration his pocketbook and his desire to escape from the sizzling, humid heat of the summer months.

Window units will do the air conditioning job for an investment of from a half to a third less than a complete central system. What's more, room conditioners may be purchased individually over a period of years. Often two, one-ton models will give the average rural dweller as much cooling as he wants. Three units may be sufficient to do an entire six room, one story house.

Besides bargain prices, motivated by a highly competitive air conditioner market, prospective buyers this year will find many new features to interest them.

Generally, the 1958 window units are better designed than ever before. They're smaller and slimmer. They don't interfere with curtains or drapes as they fit flush with windows.

Many of the new models don't require 230-volt service, although you won't get as much cooling power as cheaply from a 115-volt model as you will from 230. [Continued on page 23]

Rural Electric

We would like to call your attention to the office hours of your cooperative. During the summer months, or until daylight saving time ends in the area, the office hours will be 8 a.m. to 4:30 p.m., daylight saving time.



Ralph White
Manager

When the area goes off of daylight time, your cooperative office hours will revert back to 7:30 a.m. to 4 p.m., standard time. This is the first time your cooperative has observed daylight saving time for many years. It apparently isn't as confusing to the members as standard time was in past summers.

COOKING SCHOOL

Approximately 200 members' wives attended an afternoon cooking school held in Auburn, sponsored by your cooperative and presented by Mirro Aluminum Co. The cooking demonstration was held in the "R" Theater, May 6.

Mrs. Gretchen Zeisler, home economist, demonstrated the frypan, dutch oven, and perculator, along with an electric range. Each lady was presented with a specially printed recipe folder.

Attendance awards were given at the close of the demonstration. They were presented to: Mrs. William Steele, Waggoner; Mrs. Herman Baker, Edinburg; Mrs. Millie Watts, Pawnee; Mrs. Jesse Harkness, Waggoner; Mrs. Raymond Workman, Chatham; Mrs. Lloyd Crouch, Waverly; Mrs. Claude Walker, Girard; Mrs. William Neuman, Waverly; Mrs. Eldon Rutherford, Virden; Mrs. Charles Hermann, Litchfield; and Mrs. Theo Anspaugh, Virden.

The awards were contributed by the Mirro Aluminum Company and your cooperative.

ANNUAL MEETING

Mark these dates now, August 4 and 5. They are the dates of your cooperative's annual meeting.

That is the time of fun and festivities at your cooperative headquarters. A rural talent contest will be held on the evening of August 4. Contestants should sign up now. Valuable prizes will be awarded.

August 5 is the date of the regular business meeting of your cooperative. Three directors are to be elected. The directors to be elected will represent cooperative districts 7, 8, and 9. Present directors serving form these districts are Joe Dowson, Divernon, District 7; Henry Gieseking, Harvel, District 8; and Otto Otten, Modesto, District 9.

BEAUTY CONTEST

Along with this meeting there will be a beauty contest to name "Miss

News

Rural Electric Convenience Co-op of 1958."

Single girls, between 16 and 22, living in a home supplied with cooperative electricity, are eligible to compete.

We need your cooperation to help with the contests. If you, or a member of your family, or neighbor can qualify for either contest, get in touch with the contest committee, or let us know who is eligible and we will see to it they get the necessary entry blanks.

Don't forget the dates, August 4 and 5—your annual meeting, talent contest, beauty contest, and prizes awarded to members.

Eastern Ill.

TELEPHONE NUMBERS FOR OUTAGE CALLS

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

Tony Barbieur, Paxton	.....595
Cyril Anderson, Paxton	.....418L
Herschel Workman, Paxton	.....713L
Donald Sharp, Paxton	.....740
Jesse Fiets, Gilman	.....159
Evan Peterson, Gilman	.....235W
Don Allison, Hoopeston	.....462
Dennis Rhodes, Hoopeston	.....1244
Lawrence Tieman, Cropsey	.....20
George Popejoy, Cropsey	.....56
Virgil Farris, Watseka	.....127
Howard Gustafson, Watseka	.....614

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

A supermarket, open 24 hours a day, seven days a week, right in your own home. That is what you will have when you own a home freezer.



T. M. Brady
Manager

With a home freezer foods have no season. Strawberries in December, corn on the cob in February, these become part of the every-day meals for the freezer owner.

Choose a freezer that will meet the requirements of your family. The size you choose will depend upon the number of people in your family. It will depend, too, on the amount of home-grown food available to put in your freezer. A fairly good rule is three to four cubic feet of storage space for each person in the family. This means if there are four in the family a 12 to 16-foot freezer would serve your needs. Be sure not to choose a unit too small. As you use your freezer, you will discover many

foods that you would like to freeze. Be sure that there is room for them.

FREEZER DIFFERENCE

The choice between an upright and a chest-type freezer is a matter of personal preference. Both will operate efficiently. Both will maintain proper temperatures for frozen food storage.

A chest type freezer will hold more food per cubic foot than an upright freezer. It also requires less frequent defrosting. An upright freezer takes up less floor space than a chest type, and often can be installed in the kitchen, near the food preparation area. But, whichever type you choose, be sure it is big enough.

A freezer operates more efficiently, uses less electricity, if it is kept filled to near capacity. This doesn't mean foods must be kept for a full year, but rather filling your freezer should be a year-around process: Fruits and vegetables in the summer, meats in the fall, holiday foods during the winter season, and chickens in the spring. Learn to use frozen foods at every meal.

If you use your freezer wisely, you will have better, more flavorful, more nutritious meals, every day of the year, and you will save time and money.

AIR CONDITIONING

Air conditioning in the home is no longer a luxury. It is a health protection. It protects from dust and pollen and from man-made fumes and dirt, soot and odors. Furthermore, it reduces the cleaning of furniture and fixtures and of clothing.

This explanation is backed up by medical science. Dr. Orren D. Chapman, professor of Bacteriology at the New York State University of Medicine at Syracuse, N.Y., has conducted experiments proving that present-day room air conditioners are a major ally of the nearly 11,000,000 Americans who suffer from hay-fever sneezing and other pollen-caused afflictions.

Dr. Chapman's findings showed that air conditioning reduced the pollen count in a test room by 98 per cent over the outdoors at the height of the ragweed pollen season, despite the fact that the doors into the room were opened frequently—around 20 to 30 times a day.

CONTROLLED TEMPERATURE

Another advantage of room air conditioners is the steady temperature control. Heart specialists say that a room temperature maintained between 70 and 74 degrees protects general health and prolongs human life.

Air conditioning also shows signs of changing family living patterns back to the days before the automobile took Americans out of their homes. With comfort in their own living rooms, the family circle tends to stay home together, enjoying each other's company.

FROM

No

Office hours: 8 a.m. through Friday. Telephone 404-N. To report an outage call Mr. Williams, Ware, John Tab Newton; Francis Cloyce Johnson a

There are times most of us when natural to relate to the difference in such a way as to give certain points



Damon Williams
Manager

a little bit over time.

Now we know men are honest, in their dealings with employees, and we could not use this hazardous current on the line that we would like if any one of them about seeing a fl other unusual fact that we ourse a flying saucer prove that there a

Therefore who authenticity of told to us by one linemen?

CAN YOU

"While at work an outage call by rival at the given the pole line break 'on' and it was the patrol the line trouble. I found down the road every transformer, until I came to the line was built away—up over some a wooded area for

"My helper got this part of the on around to the private right-of-way to come through.

"As I stopped at the place where I saw my helper found the trouble me to bring the a grown up under

YOUR CO-OP

tall that it had pushed the neutral wire up into the hot phase wire and had caused the breaker to kick off.

"As we were cutting the mushroom down, we kept wondering how we could get it loaded onto our truck which was nearly a quarter of a mile away. When the mushroom fell, it rolled down the hill into a farmer's pig lot. Of course the added commotion brought out the astonished farmer who finally managed to say, 'Thanks boys. I have just run out of corn but I believe this mushroom will finish my hogs for market.'

"That's why we couldn't bring it back to show everyone, but we got the line back on before milking time."

M.J.M. Electric

TELEPHONE NUMBERS FOR OUTAGE CALLS

Office Hours—8:00 a.m. to 5:00 p.m. except Saturday, Sunday and holidays. Carlinville 136.

Aerio Balestri, Hillsboro KE 2-3357.
Claude McAfee, Brighton 40.
Charles W. Witt, 803 Sumner St., Jerseyville 296-W.

B. W. Bandy, 830 School St., Hillsboro KE 2-5247.

Delmar Miller, Nichols St., Carlinville 689-Y.

Howard Bloomfield, Carlinville 153-L.

Lloyd Green, Jerseyville 839-W.

James Hopper, Carlinville 321-X.

Ralph Sides, Carlinville 687-X.

Preston E. Barkley, Carlinville 482-Y.

If lineman does not answer and for any other business aside from trouble, call A. C. Barnes, Carlinville 718.

KEEP THIS LIST NEAR YOUR TELEPHONE. CHECK with your neighbors to see if their lights are out before calling. Then report the line outage.

COOPERATION INSURES BETTER SERVICE

On June 15, the telephone system for Carlinville and the County Area around the city using the Carlinville exchange was changed to the dial system. This means that your cooperative office has a new number and, also, all linemen receiving calls on outages have new phone numbers, too. In the past, when calling linemen to report an outage, you have had the assistance of a telephone operator in trying to locate a lineman in case the lineman you were calling did not answer.

Under the dial system, you do not receive this assistance as there is no operator on duty. Therefore, if you dial the number and no one answers, you will be required to dial another lineman.

We are listing below the new dial numbers of our linemen. Members, who call Claude McAfee, Brighton

area, please note that he also has a new dial number. There are no phone changes in the Hillsboro and Jerseyville areas.

We suggest that you cut out this listing and keep it near your telephone for reference. When the new meter books are mailed on July 1 and October 1, the back side of the cover of the book will list the new dial numbers.

NEW PHONES

Office—Carlinville,Ulster 4-5526
Howard Bloomfield, Carlinville,Ulster 4-6698

Delmar Miller, Carlinville,Ulster 4-7946

James L. Hopper, Carlinville,Ulster 4-2637

Ralph Sides, Carlinville,Ulster 4-7899

Preston Barkley, Carlinville,Ulster 5-8092

Aerio Balestri, Hillsboro, (Home)KE 2-3257

(Business)KE 2-3357

B. W. Bandy, Hillsboro,KE 2-5247

Charles W. Witt, Jerseyville,296W

Lloyd Green, Jerseyville,839W

Claud McAfee, Brighton,Frontier 2-3729

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 Galliher, 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.

We have been notified by REA that our request for a new loan in the amount of \$676,000 has been approved.

The request for this loan was made on the basis of a long range system study, recently completed, to determine as nearly as possible our future power needs.

The use of power on the farm is growing each year and has doubled in the past seven years. No one knows where the power requirements for the modern farm will end and our future needs must be based on our past records.

Every day our members find new

uses for electric power and this makes it necessary to continually keep adding capacity to the system. Much of the original equipment installed on our lines, although it was the best on the market when installed, has become obsolete and must be replaced if the demands of members for adequate power are to be met.

To finance our needs for new equipment, adequate power capacity, and as nearly as possible an uninterrupted regulated supply of power, this loan was granted.

HOW LOAN IS MADE

Before a rural electric loan is made to an existing rural electric cooperative a careful study is made by REA to determine the need and the ability of the cooperative to meet its debt payment requirements. The need is apparent and our ability to pay is based on our past performance and future prospects of success. We are proud of the fact that all of these requirements were met without question, thanks to a loyal cooperative membership.

The steady growth of the every day power requirements of our members puts the wiring beyond the meter in the same situation that we find our system which brings the power to the meter. To get economical operation and maximum efficiency out of electrical equipment, the wiring system beyond the meter must be adequate. In most cases larger load centers or switch boxes are needed, more circuits should be added and wire size increased.

The cost of revamping household or farmstead wiring should not be considered as an expense but as an investment. The difference in efficiency of your appliances will pay dividends on the investment. Your co-op is ready to help you with your wiring problems. Feel free to call on us.

ANNUAL MEETING

The annual meeting of members is scheduled for August 19, and it is time to start reminding you of this important day for co-op members. This reminder may seem a little early but we want you to know about it so you will have ample time to arrange to attend. So mark the date on your calendar.

ELECTRIC HEAT

Spring seems to be here and most of us are thinking about keeping cool during the coming hot summer months. But, we have just gone through a winter that to a certain extent, was comparable to those old fashioned winters we hear about.

Many felt the need of some type of auxiliary heat or a new heating system. Now is the time to start thinking about next winter's comfort.

There are several types of electric heat that have proved adequate and economical. So if you are thinking about installing a new heating system or building a new home, we recommend that you investigate electric heating before you buy a new plant.

Feel free to call on your co-op for electric heating information.



A. C. Barnes
Manager



Owen J. Chaney
Manager

\$200 Barn Cleaner

By Grover Brinkman

● With an expenditure of \$200, plus some rainy-day labor, steel rod and shafting, gear boxes, and a second-hand belt, Victor Shubert, of near Coultervilles, Randolph County, built a barn cleaner that is automatic in operation, and saves him precious minutes each day of the year.

"We milk from 40 to 50 Holsteins," Shubert said, "and before we had the cleaner, we spent at least 90 minutes to get the barn clean. Now we press a button and do the job in 10 minutes flat!"

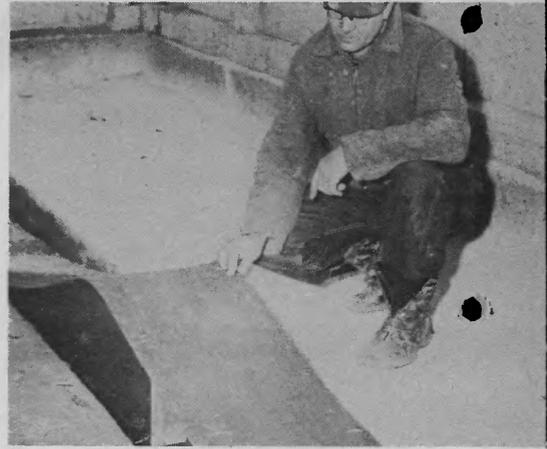
Shubert's home-made cleaner has never given him any trouble. To power it, he uses a $\frac{3}{4}$ horsepower motor, hooked to a gear-reduction box. Another $\frac{1}{4}$ horsepower motor pulls the belt back to its original position in the gutter.

Most expensive item on the cleaner

is the leather belt, which is 16 inches wide and runs in a conventional trough. But Shubert shopped around until he found a good used one at a considerable saving over the new price.

The cleaner is simplicity itself. The belt lays in the bottom of the manure gutter. One end is hooked to a winch at the top of the outside elevator. When the motor actuates this gear box, it winds up a steel cable that pulls the belt forward, much like an escalator. The manure on it spills into a spreader under the elevator. When the belt reaches its length, a small motor on the opposite side of the stall pulls it back into position, simply a reversal of the first action.

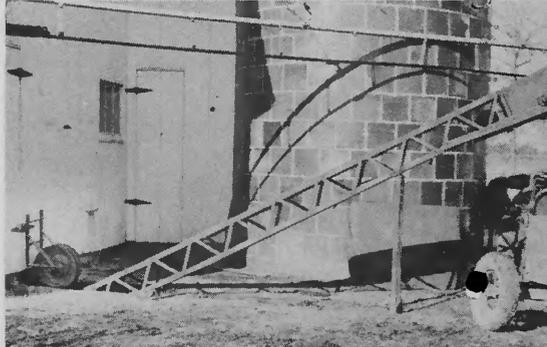
"There aren't any complicated parts to break down," Shubert explains. "The cleaner is so simple in operation that a boy can clean the barn without effort."



This 16-inch belt, which Dairyman Shubert pulls up from gutter, makes excellent cleaner.

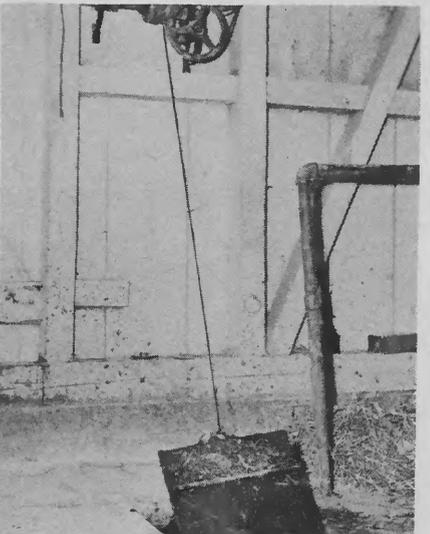


Three-fourth horse motor pulls belt up home-made elevator dumping manure in spreader.



Full view of elevator which was also home-made. Gear box slows down belt movement.

Quarter-horse motor pulls belt back in barn after cleaning. Cable hooks to end of belt.



LAND BANK LOANS

are available for

Part-Time-Farms



ABOUT
 $\frac{1}{3}$ OF THE
NATION'S FARMS ARE PART-TIME FARMS

These farms do not provide full employment chiefly because of size. Federal Land Bank loans on these properties take into account the excellent home advantages and the availability of dependable outside income.

SEE OR WRITE YOUR NEAREST NATIONAL FARM LOAN ASSOCIATION

AMBOY	DEKALB	JOLIET	MT. VERNON
BELLEVILLE	EFFINGHAM	KANKAKEE	OREGON
BLOOMINGTON	EUREKA	KEWANEE	OTTAWA
CARLINVILLE	FREEMONT	LINCOLN	PITTSFIELD
CARROLLTON	GALESBURG	MACOMB	PRINCETON
CHAMPAIGN	GENEVA	MONMOUTH	QUINCY
CHARLESTON	HARRISBURG	MORRIS	SPRINGFIELD
DANVILLE	HILLSBORO	MORRISON	WATSEKA
DECATUR			WOODSTOCK

Washington Roundup

● The House Interior and Insular Affairs Committee defeated a motion to discharge the Hells Canyon Bill (S. 555) out of committee last week by a vote of 15 to 13.

The committee action kills any chance of the bill coming to the House floor this session. Any attempt to revive the issue next term now must come through a new bill. Defeat of S. 555 in committee, in effect, also kills similar House bills calling for a high Federal dam on the Snake River, one of the country's last great dam sites.

● The battle between proponents of one, high Federal dam, and three small, private power company dams, has been raging for 10 years.

The Idaho Power Company won permission to build the small dams and is now within a few months of completing the first of them, the Brownlee.

Supporters of the high dam point out that it would produce a lot more electricity more cheaply and efficiently, and also provide 3.8 million acre-feet of storage for power, flood control and reclamation in the Northwest. The Federal project was estimated to cost \$352-million.

● Idaho Power, long-time opponent of co-ops in the Northwest and sole owner of any project sites in the Hells Canyon, will now continue with the construction of the Oxbow dam. The three small dams together will furnish the area with less than one-half the power and about one-fourth the storage capacity of the high dam. Cost of electricity will be nearly three times greater than what the Federal dam would have produced it for.

REA Bills

● Hearings were begun earlier this month by both Senate and House committees on bills to restore to REA Administrator David Hamil authority that Secretary of Agriculture Ezra T. Benson stripped him of a year ago.

Senator Hubert Humphrey (Minn.) has introduced such a bill

in the Senate. Illinois Representative Melvin Price introduced a companion bill in the House.

Last June, Secretary Benson directed Hamil to forward all co-op loan applications in excess of \$500,000 to his office for review. Most co-op loans (over 80 per cent) are over the half-million dollar

figure, as are all loans for transmission and generation facilities.

Without the availability of g. and t. loans, even though co-ops never have to borrow for this purpose, rural electric systems would have no bargaining power when it comes to negotiating wholesale electric rates with private power company suppliers. Twenty-five of the 27 co-ops in Illinois, for example, [Continued on page 21]

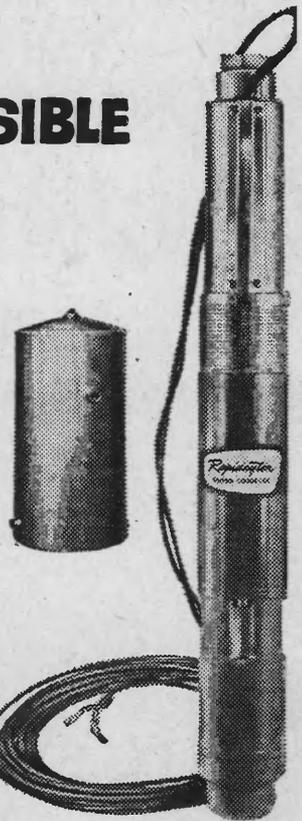
MORE WATER

the *Rapidayton*

DOLPHIN* SUBMERSIBLE

- A pump you can't see or hear
- can't freeze • never needs oil
- gives more water, more pressure

The pump of the future—today. A pump that will supply more water, in more places, and under much greater pressure—to meet all needs of the most modern farm. The Rapidayton Dolphin* submersible goes down into the well, where it operates completely submersed. Easy to install. For shallow or deep wells to 500 ft. Fully automatic, rugged, dependable. Priced low—in same range as deluxe jet pumps. Gives more water for your dollar. See it at your dealer's or rush coupon for free booklet.



Twin Champion* Jet

America's leading jet pump is the Rapidayton Twin Champion. Its twin impellers deliver full capacity at 40 lbs. pressure. For wells to 150 ft. in depth. Has Quad-Volute design for maximum efficiency and exclusive Quick-Connect flange for easy installation. Assembled in one unit, including tank. Meets FHA requirements.



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Please rush valuable book, "What Kind of Water Pump Do You Need?"



NAME _____

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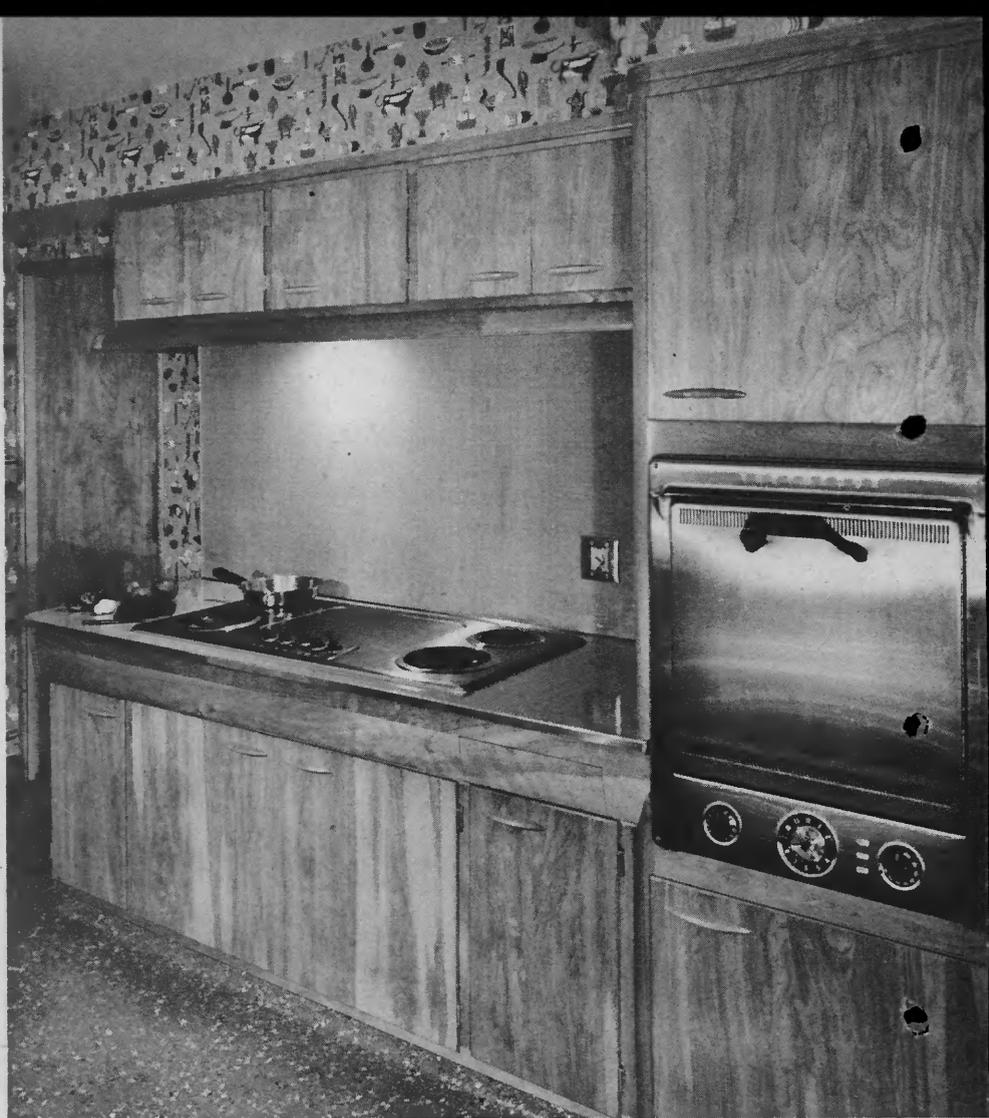
be sure it's a *Rapidayton*

*TRADEMARK (PAT. PENDING ON DOLPHIN)

for the
homemakers

by Judy Parker

Modern and inviting. At right, you see an elbow-height electric built-in oven with a four-unit plus griddle cooking top alongside. Note the counter spaces.



Built-in
ovens are

convenient if they're located



No strain to clean this oven. Door swings down for cleaning—also serves as a shelf.



Twin ovens placed side-by-side so they will both be just the right height for you.

For about 12 years, we've watched the development of the built-in range. And without any doubt, women like the looks a built-in gives to a kitchen because they have accounted for 30 per cent of electric range sales this year, and there's every reason to believe that the percentage will increase. They are popular with both buyers and builders of new homes because they can be included in the cost of the house and financed as part of the mortgage.

Furthermore, a built-in oven can be installed at a convenient height to fit the homemaker's measurements so that the cook needs neither to bend nor stoop when using or cleaning it. And surface units built into a counter top are attractive and easy to clean, and offer flexibility as to number, kind, and placement.

Built-ins are modern work-savers



Giant of built-ins, 24-inch oven. Ideal for gal who looks ahead—bakes extra to freeze.

See what's happening thru window. "Drop-in" cooktops may be installed in any location.



properly

but require careful and expert planning. Because the divided range can be built in anywhere, people are at times carried away with the freedom to experiment and end up with no work room, not enough storage space and inconvenient working centers taking too many steps.

PLAN WORK SPACE

If you plan to install a built-in range, take a look around your kitchen and note every possible position for cooking top and oven—or ovens. Then compare the possibilities. They take more space than a free-standing range. They need a minimum of 48 inches but often use 54 to 60 inches of wall space. Plan for a 24-inch work counter space next to a built-in, if possible, so you'll have a spot to put down hot dishes. A pull-out board nearby is handy, too.

The oven unit may be installed

flush with the wall or incorporated as a part of cabinet arrangement, room divider or sectional wall. A comfortable working height in relation to the oven interior is your best guide for placement. For average-height women, time and motion experts say set the oven in a cabinet so that the bottom of oven interior measures 32 inches from floor. Lowest oven rack will be about 35 inches high. The ideal height is one that lets you stand in a relaxed position without stooping or raising above level of elbow. There are a few things you should avoid at all cost:

Try not to place oven next to refrigerator. You will lose the work space adjoining one of the two appliances and there's a good chance top performance of both may be cut down.

Avoid breaking up a long counter top by putting your oven in the center of it. One long work space is worth three small ones.

If you have two ovens, don't stack one oven on top of another. Neither would be at a convenient height—one would be too low, the other too high. If your kitchen space permits, set ovens side by side or even in separate locations.

The cooking tops offer you a choice of patterns. They can be set into a counter next to the oven or in a cabinet across the room or in an island or peninsula.

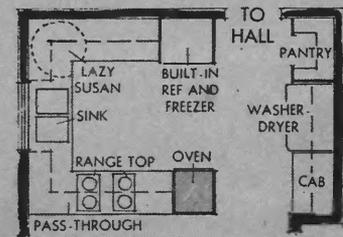
LET'S SAVE STEPS

To save steps and keep table-going foods hot, place cooking top near eating area. Or attach a snack bar to range-top counter. Work space adjoining is a "must." Remember the units can share a counter. "The-hand-not-above-the-elbow" principle for ovens applies to cooking-top height, too. The average counter height is 36 inches.

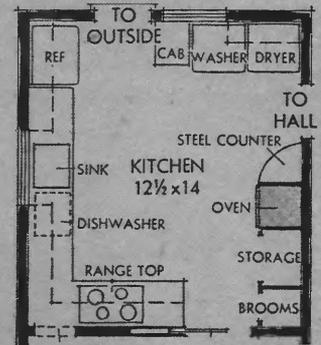
A divided oven and range turns up lots of extra storage—put it to good use. Roll-out shelves or drawers underneath will banish stretching. Shelves above will hold little-used items or try vertical dividers for trays, platters or cooky sheets. A camouflaged cart with front that matches cabinets, wheels under oven, is another idea. Use top to set hot pans. Ideas are endless.

You'll find an endless variety of new range built-ins from reliable dealers to select from, a rainbow of colors. It's your choice.

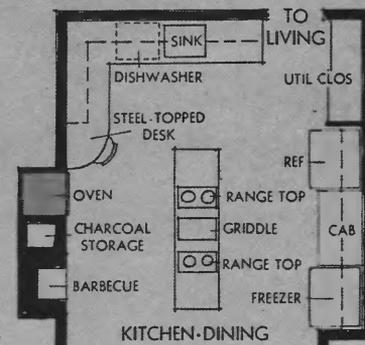
Best oven arrangements:



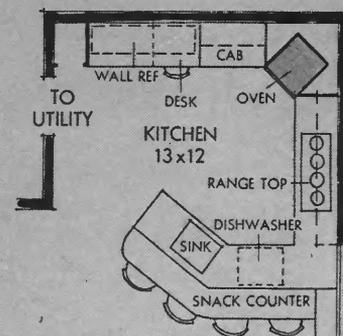
At end of cabinet line. Tall cabinet unit looks better at end than in center of a cabinet row.



In a separate center. You can place oven away from main work centers since it isn't used constantly.



In the wall. You save kitchen space if it's possible to recess oven in a wall. Don't forget a counter!



At a slant—in a corner. The corner installation takes more space but fits well in many kitchen plans.



Active youngsters like a milk drink with a special flavor. Maple syrup and a topping of cream make the difference.

Tempting ways

to eat

your MILK

June is Dairy Month. It isn't that dairy products are needed any more or that they taste any better in June than any other month. They're good—and good for you 12 months out of the year, but milk production and dairy products are at their seasonal peak in June.

Refreshing and wholesome, milk is the most nearly perfect of all foods. It offers some 100 different nutrients—a long list of vitamins and minerals, fats, sugars and high-quality proteins. But milk is outstandingly important for its calcium, riboflavin and high-quality protein. These are necessary for building and rebuilding the framework of the young and old, flexing of muscles, proper action of the heart, functioning of the nerves and clotting of blood.

In up-to-date diets for losing weight, milk is relied on as a basic food. Milk is not high in calories, especially considering the nutritional value it provides. For the calories in a piece of apple pie, one could have a pint of whole milk or nearly a quart of skim milk.

Nutritionists recommend the following quantities of milk for daily use: Children—three to four cups; teenagers—four or more cups; adults of all ages—two or more cups; expectant mothers—four or more cups; nursing mothers—six cups. Some of this quota can



Cream of Potato Soup



Cottage Cheese Salad



Cheese-Ham Timbales

come from milk products such as cheese and ice cream and from prepared dishes made with milk such as these:

COTTAGE CHEESE AND CUCUMBER SALAD

- | | |
|-----------------------------|-------------------------|
| 1-1½ cups cottage cheese | 2 tablespoons sugar |
| 20 thin slices cucumber | ½ teaspoon poppy seeds |
| 2 tablespoons white vinegar | ½ teaspoon celery seeds |

Heat vinegar, sugar and spices to boiling point (until sugar is dissolved). Pour over cottage cheese and unpeeled cucumber slices in bowl. Mix lightly. Chill in refrigerator until ready to use. If you wish, garnish with radishes and lettuce—makes a refreshing Summer luncheon course.

CHEESE-HAM TIMBALES

- | | |
|------------------------------------|--------------------------|
| 3 tablespoons butter | 1½ cups milk |
| 3 tablespoons chopped onion | 1 cup Cheddar cheese |
| 3 tablespoons chopped green pepper | 1 cup chopped cooked ham |
| 3 tablespoons flour | 3 eggs, beaten |

Melt butter in skillet, brown onion and green pepper lightly in it. Stir in flour, add milk. Stir and cook over low heat until sauce thickens. Remove from heat, stir in ham, chopped cheese and beaten eggs. Pour mixture into six custard cups and set them in pan of hot water. Bake at 350 degrees about 45 minutes. This is an unusual main dish custard.

QUICK CREAM OF POTATO SOUP

- | | |
|----------------------------|--------------------|
| 1½ cups cubed potatoes | 2 cups milk |
| 1 tablespoon chopped onion | 1 tablespoon flour |
| 1 tablespoon butter | ¾ teaspoon salt |
| ¾ cup boiling water | |

Cook potatoes, butter, onion and salt in water until potatoes are done. Add milk, reserving a little to mix with the flour. When the milk is hot, add the flour mixture and cook a minute or two longer to thicken. Serves four. This is easy to prepare because it uses one cooking pan from start to finish. Trim with shredded cheese and greenery.

LEMON MILK SHERBET

- | | |
|--|------------------------|
| 2 teaspoons gelatin | ½ cup light corn syrup |
| 2½ cups rich milk or half milk and cream | ½ cup lemon juice |
| ¾ cup sugar | ⅛ teaspoon salt |

Soften gelatin in half cup of milk. Place dish over hot water and stir until gelatin is dissolved. Add remaining milk and cool. Combine sugar, corn sirup, lemon juice and salt. Add the mixture gradually to

milk, stirring constantly. Pour mix into refrigerator tray and place in freezer unit. Set at coldest point. Wet bottom of tray to speed freezing. When the mixture is firm (about 20 minutes) remove it to a chilled bowl, break up with fork and beat until light and fluffy. Return to tray and freezing unit. When sherbet is serving thickness, about half hour, turn control to normal and hold sherbet until time to serve, one to three hours. Serves eight. Sherbets do double table duty—serve them with meat course or as a dessert.

CREAM PIE WITH FRUIT

- | | |
|----------------------------|---|
| ¾ cup sugar | 2 tablespoons butter |
| 6 tablespoons flour | ½ teaspoon vanilla |
| ¼ teaspoon salt | 9-inch baked pastry shell or graham cracker shell |
| 2 cups milk | 2 eggs, slightly beaten |
| 1 cup heavy cream, whipped | |

Mix dry ingredients with a little of milk. Add rest of milk. Cook over low heat, stirring until thick (have to use double boiler with gas range). Cover and cook 15 minutes longer, stirring occasionally. Add a little of hot mixture to eggs, pour back and cook a few minutes longer. Remove from heat, add butter and vanilla. Cool, pour into cool shell. Spread with sweetened whipped cream just before serving. Garnish with slices of fresh peaches or other fresh fruit in season. If preferred, a topping of coconut or toasted nuts may be used to provide a contrast in texture.

CHEESE BUFFET TRAY

The informal cheese arrangement (see picture) depends partly upon the style of the tray and the cheese on hand. That scarlet-jacketed cannon ball cheese, the Edam or Gouda, both milk flavored and eye-catching, suggest a scheme for building around them. Incidentally, the top should be cut off, and a scoop provided or the contents scooped out, cut in cubes and replaced in the shell, with colorful picks for ready service. Most likely sandwiches will be in order so have slices of Swiss and Brick, a wedge of Blue, a square of delicately-flavored cream cheese. Alongside you may have a plate of cold meats, sliced tomatoes, lettuce and baskets of bread, relishes, pickles and salad dressing.

Lemon Milk Sherbet



Cheese Buffet Tray



Cream Pie with Fruit



Patterns for Handiwork Fans

Everyone welcomes summertime as a beautiful, wonderful time of the year . . . a time of getting outdoors, for gardening, for finding new interests, and for brightening up the home. In this happy mood of summertime, we offer these varied, interesting, and easy-to-make patterns for the busy crocheter. The patterns are yours just for the asking, so send a stamped, self-addressed envelope for every three patterns that you wish.

1. **CROCHETED GLOVES**—Light, lacy gloves are perfect for gentle cottons and warm, summer days . . . and they're quick and easy to make—just simple chains and shells.

2. **DINETTE ACCESSORIES**—Create your own decorator fabrics in exactly the colors and textures that you want by crocheting them. Dress up your dinette chairs with seat covers, using a metallic cotton in a favorite color. Matching place mats feature sparkling crocheted leaf appliques. Complete the set by crocheting a lamp shade cover.

3. **SQUARE NECK BLOUSE**—This square neck blouse is crocheted of metallic cotton in an interesting openwork pattern. The brief sleeves and wide neckline are outlined with sparkling gold beads and sequins. Directions are given for making it in sizes 12, 14, 16 and 18.

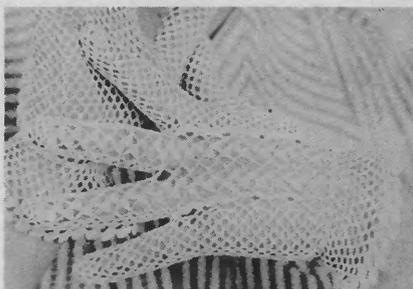
4. **RUFFLED DOILIES**—Ruffled doilies have a delicate beauty that lends itself to any decor, whether modern or traditional. The round doily, called the "Poinsettia" doily, has a lacy effect which gives it both simplicity and beauty. The square "Mosaic" doily is equally charming.

5. **OVAL PINEAPPLE**—Speaking of doilies, the ever popular pineapple doily lends itself to any place in the home. When completed this doily measures 14 by 21 inches.

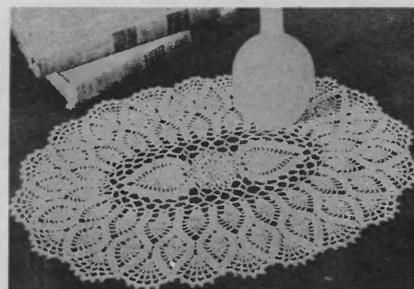
6. **KITCHEN ENSEMBLE**—Of all the rooms in the house, the kitchen is the most adaptable to colors. Bright and gay is this kitchen ensemble which consists of a rug which measures 24 by 36 inches, oven mitt, pan handle covers and a muffin basket.

7. **LINEN AND LACE TABLECLOTH**—Linen has been called the ancient of ancients, the aristocrat among fabrics. Its beauty is timeless and certainly it is an aristocrat of the dinner table. The tablecloth shown here has the added importance of crocheted lace. The motifs are stitched in a double row around the border, table edge and center of the linen cloth.

8. **PILLOWCASE EDGING**—Little touches are the true mark of a homemaker's femininity and graciousness. Little touches like the filet crochet edges and insertions on pillowcases—and even sheets too!



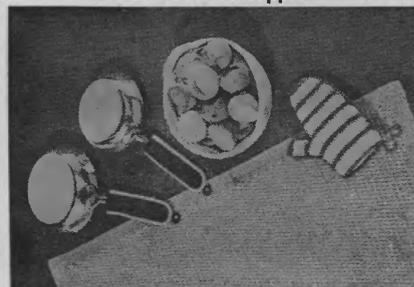
1. Crocheted Gloves



5. Oval Pineapple



2. Dinette Accessories



6. Kitchen Ensemble



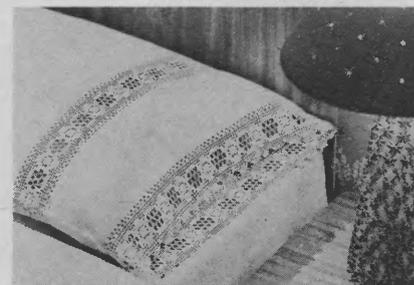
3. Square Neck Blouse



7. Linen and Lace Tablecloth



4. Ruffled Doilies



8. Pillowcase Edging

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. ....Crocheted Gloves | 5. ....Oval Pineapple |
| 2. ....Dinette Accessories | 6. ....Kitchen Ensemble |
| 3. ....Square Neck Blouse | 7. ....Linen and Lace Tablecloth |
| 4. ....Ruffled Doilies | 8. ....Pillowcase Edging |

My name is.....

Address.....

Comment (if any).....

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



PEN PALS

Hi Pen Pals:

Summer at last! Have you been going on picnics, swimming, fishing and all the other wonderful things that go along with Summer? Just bet that you have. With all the beloved activities of Summer, don't forget your Pen Pals—and, here's another page of letters from boys and girls who want to have Pen Pals. Address any letters for publication to Judy Parker, Jr. Rural Electric News, Box 1180, Springfield, Ill.

COLLECTS ROCKS



I am 12 years old and have blue eyes and brown hair. I have a dog. His name is "Rap" for rapsallion. I like playing ball, rock collecting and reading. I would like to hear from boys and girls near my age.—David Hand, R. R. No. 2, Box 165, Robinson, Ill.

No. 2, Box 165, Robinson, Ill.

ENJOYS DANCING

I am 11 years old. My birthday is January 7. I have blonde hair and blue eyes. My hobbies are swimming and dancing. I would like to hear from boys and girls between 11 and 15.—Carol Louise Groves, Box 99, R.R. No. 3, Mulkeytown, Ill.

TWIRLS BATON

I am 11 years old and my birthday is December 20. I have brown hair and green eyes. I am five feet tall. My hobbies are cooking, twirling baton, and riding my bike. I will be in the seventh grade this year. I am a 4-H member. The name of our club is the Easton Ramblers. I have three sisters. I would like to hear from boys and girls at the ages of 11 and 12. I would like to have pictures of you too.—Carol Gillmore, R.R. No. 2, Easton, Ill.

WANTS PEN PALS

We are three girls that would like to have Pen Pals of all ages. Cheryl is 10 years old, Sandy is nine, and Judy is 11. We go to Marshall Grade School. Our hobbies are swimming, skating, dancing and listening to popular records. Cheryl's birthday is September 3, Sandy's is February 14 and Judy's is July 8. We will try to answer promptly all of the letters we receive.—Cheryl, Sandy and Judy Wallace, R.R. No. 1, Marshall, Ill.

SEPTEMBER BIRTHDAY

I am 14 years old and my birthday is September 24. I have blonde hair and blue eyes. I am a Freshman at the Olney High School. My hobbies are dancing and listening to popular music. I would like to hear from boys and girls between the ages of 14 and 18. I would also like to have a picture if possible.—Joan Ginder, R.R. No. 2, Dundas, Ill.

PLAYS SOFTBALL



I am 11 years old and my birthday is January 12. I have brunette hair, and blue eyes. My hobbies are playing the piano, riding my bike and playing softball. This is my first year in 4-H. Would like to hear from boys and girls from 10 to 12 years old.—Linda Shoemaker, R.R. No. 1, Dieterich, Ill.

PLAYS CLARINET

I am 14 and my birthday is July 19. I have green eyes and brown hair. I am five feet, three and one-half inches tall. I have three sisters. I play a clarinet in the Easton High School band. My favorite hobbies are taking part in outdoor sports, dancing, sewing, and listening to popular music. I would like to hear from boys and girls between the ages of 13 and 16. Will answer all letters I receive.—Jeannie Gillmore, R.R. No. 2, Easton, Ill.

ENJOYS WRITING LETTERS

I am 14 years old and will be a Sophomore at Grand Chain High School. I have blonde hair and blue eyes and I am five feet tall. I weigh 96½ pounds. I have been cheerleader for three years at Grand Chain Schools. My birthday is October 25. I like Elvis Presley and Rock 'n' Roll music. My hobbies are dancing, writing letters, and listening to the radio. I'd like to hear from boys and girls between 14 and 18.—Carolyn Tennis, Box 503, Grand Chain, Ill.

AUGUST BIRTHDAY

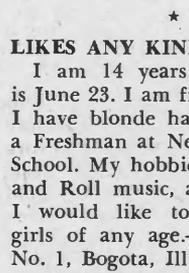
I am 16 years old and my birthday is August 25. I have brown hair and brown eyes. I am five feet, four inches tall and weigh 118 pounds. My hobbies are swimming and listening to popular music. Would like to hear from boys and girls between 16 and 20.—Velma June King, R.R. No. 1, Makanda, Ill.

CHEERLEADER

I would like to have a Pen Pal! My birthday is February 22, and I am 11 years old. I have brown eyes and blonde hair. My hobbies are 4-H, skating, twirling and cheerleading. I will answer all letters I receive. I would like to hear from boys and girls between the ages of 11 and 13.—Trudy Ann Gwaltney, R.R. No. 2, Carmi, Ill.

LIKES POPULAR SONGS

I am 13 years old and my birthday is January 16. I have brown hair and brown eyes. I weigh 105 pounds, and I am five feet, one inch tall. My hobbies are listening to popular songs, swimming and listening to hillbilly songs and watching TV. I would like to hear from boys and girls between 13 and 16.—Joyce Ann King, R.R. No. 1, Makanda, Ill.



LIKES ANY KIND OF SPORTS

I am 14 years old and my birthday is June 23. I am five feet, four inches tall. I have blonde hair and blue eyes. I am a Freshman at Newton Community High School. My hobbies are listening to Rock and Roll music, and any kind of sports. I would like to hear from boys and girls of any age.—Donna Chesnut, R.R. No. 1, Bogota, Ill.

WASHINGTON REPORT

(From Page Fifteen)

buy their electricity from two private companies.

Congress established REA as an autonomous agency to be administered on a strictly non-partisan, non-political basis. The REA administrator must be appointed by the President with the approval of the Senate.

Rural electric leaders contend that the Benson policy threatens to destroy the non-political nature of REA by giving virtual control over its lending policies to a partisan political appointee, the secretary of agriculture.

Interest Drops

● Cost of U. S. Treasury borrowing continues downward. Average bid early this month on 91-day notes dropped to 0.635 per cent. During last two weeks of May, Treasury borrowed over \$3-billion at less than one per cent interest. Rural electric co-ops are paying 2 per cent interest on their loans. The government has made a profit of \$48-million on REA loans since program started 22 years ago.

Rural Exchange

Reaching Over 430,000 Rural People Each Month

● Business Opportunities

GOING RESTAURANT business, building with living quarters. Situated on State Highway in town. Complete building with fixtures and equipment, \$4,000. Terms. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

GENERAL MERCHANDISE and lunch business, in oil field area, owner selling because of health. Liberal terms. \$2,500, plus inventory. Can be handled for \$2,000. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

TRAILER COURT with room for nine house-trailers, 3 bedroom modern home, on blacktop near City Park and swimming pool. Complete \$12,950. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

FARM IMPLEMENT, appliance, Ford tractors, Firestone products business with service garage and parts. Good brick building with 9,000 square feet of floor space, Quonset building consisting of 1,400 square feet. Situated in prosperous farming area. Complete with stock \$41,000. Liberal terms can be arranged. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

MINK FOR Early Delivery. Almost all types. Unconditionally guaranteed. Complete literature and pen plans free. Lake Superior Mink Farm, Superior E. E., Wisconsin.

WE LIST and sell various businesses. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

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

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

● Buyers

WANTED: OLD guns, Indian, Civil War; historical items. Old coins, gold pieces, Barlow knives. Pay \$3.50 per 100 for Indian head pennies. Roger Glass, 608 North 12th Street, Vincennes, Indiana.

● Farm Machinery, Equipment

USED CRAWLER tractors with dozers, and loaders. Also rubber tired loaders. Easy terms. Write for free list. Harold J. Wasson, Abingdon, Illinois.

FOR SALE: 10,000 watt, 60 cycle, single phase generator, complete with panel board and belt pulley, almost new. Just the thing for farm or small business. Deters Dairy, 48th and State, Quincy, Illinois.

TREE POLE climbers belts; Polaroid goggles \$1.00; 20 sets 100' metallic tapes, reg. \$18.75 our price \$8.75 prepaid. Merchandise guaranteed. Gasoline generators. Thomson's Surplus, Newington, Connecticut.

SILO-MATIC SILO Unloaders and Scru-Feed'r Auger Bunk Conveyors feed cattle mechanically. Save time and labor. Send for free literature. Built for years of dependable service by Van Dusen & Company, Inc., Wayzata, Minnesota.

FOR SALE: 4 can International milk cooler \$75.00. Surge hot water heater \$35.00. Roy E. Furr, R. F. D. No. 3, Shelbyville, Illinois.

FLEXIBLE PLASTIC Pipe, nationally known brand. Used for water lines, etc. Low as 6 1/2¢ foot, prepaid. New low prices on all sizes. Folder with prices that'll save you money. The "Wettschuracks," factory distributors, Montmorenci, Indiana.

● Farms, Real Estate

FARMS FOR Sale. 160 acres Ford County, near Paxton. Modern seven room house, best quality. Soil all tillable, several other improved and unimproved. A. N. Peterson, Realtor, Paxton, Illinois.

FIVE ACRES with five room house, electricity, tool house, hen house, nice shade. \$4,000. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

ON BLACKTOP, at edge of village, nice community, 4 room semi-modern home, fruit trees, grapes, excellent soil, chicken house, cellar, excellent water supply, 1 1/4 acres. \$3,200. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

EIGHTY ACRES with good well and building site with shade and fruit trees. Buildings of no value. Fifty acres tillable. Priced to sell at \$6,500. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

21 ACRES, BLACK soil, good six room semi-modern home, nice shade, barn, garage, corncrib, granary, chicken house. Fenced and cross fenced, nice Maple shade trees on yard. Two wells, two cisterns, large pond. Buildings in good condition. A real buy at \$5,950. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

120 ACRE FARM with 4 bedroom modern home with full basement. Buildings in good condition. 110 acres tillable, limed and phosphated. Large pond, ample water supply. Priced at \$29,500. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

WE HAVE a listing of farms and acreage up to 1,200 acres. See us to buy or sell a farm. Faye Elmer, Real Estate Broker, 604 South Cross Street, Robinson, Illinois.

● Livestock

FOR SALE: Registered Polled Hereford bulls, 14 months. Plenty to choose from. Seven miles South of Centralia. Harold Thurness, Route 5, Centralia, Illinois.

BELTSVILLE NO. 1. The Super Meat Type Hog. Young boars and gilts for sale. Beltsville boars will increase the vigor and rate of growth when used for cross breeding. Stafford Pig Hatchery, Grafton, Illinois.

BERKSHIRES—BRED gilts. Spring pigs, either sex. Reasonably priced. Black Diamond Stock Farm, Marion L. Shupbach, Sparta, Illinois. Phone 6F3.

REGISTERED SCOTCH Shorthorn Bulls, 10 to 13 months old. All Red's. TB and Bang accredited herd. Reg. Hampshire bred gilts, Spring boars—gilts, P. R. and certified breeding. Roy D. Hall, Green Acres Farm, Iuka, Illinois.

FOR SALE: Registered horned Hereford bull, three years old, Zato Heir breeding. Also registered Hereford cows. Leland Devall, R. R. No. 3, Casey, Illinois. Phone: Warwick 3-5973.

FOR SALE: Sixteen ewes, fourteen lambs \$10.00 each. Reg. Suffolks—one buck, two yearling ewes, no relation, \$125. William Longworth, Simpson, Illinois.

WISCONSIN HIGH production and top quality Holstein and Guernsey dairy cows and heifers due to freshen soon. Also younger heifers and heifer calves—all ages. Will deliver any size order by truck to your farm subject to your inspection. Ross Blott, P. O. Box 158, Mukwonago, Wisconsin.

REGISTERED LANDRACE bred gilts from stock which is production tested, feed conversion data, rate of gain, and carcass yield. Melvin Graves, Dundas, Illinois. Phone: EX 3-5333 Olney, Illinois.

● Miscellaneous

HOME BUSINESS Digest teaches how to make money; by mail; part-time; hobbies; at home; gives sources of supply for new products; oldest mail order and home business magazine; rush 35¢ for sample, prepaid copy today. Earl G. Jordan, P. O. 234, Moweaqua, Illinois.

WANTED: CONFEDERATE State of America paper money, dated 1861-1862 and 1863. E. W. Tardy, R. R. No. 3, Lexington, Virginia.

KILL BRUSH at low cost with amazing R-H Brush Rhap. Will not injure grasses, grains, cattle or other animals. See your dealer or write Reasor-Hill Corporation, Box 36E, Jacksonville, Arkansas.

KILL SUBMERSED water weeds which foul up motor propellers, tangle fishing gear and choke irrigation ditches with R-H Granular Weed Rhap. Inexpensive, easy to use, sure results. For details write Reasor-Hill Corporation, Box 36E, Jacksonville, Arkansas.

DIARRHEA, BLUE comb, hexamitisas, vent picking deaths greatly reduced made like new by newest discovery, the salve Vintra applied into their vents. Great life saver. Anti pick too. 1/2 pint \$2.25, pint \$4.25 postpaid. Guaranteed. Patented. Toll Turkey Farm, Shelbyville, Illinois.

END BATTERY trouble with VX-6. 80 per cent of dead cell batteries made like new. Prolong the life of new batteries. Installed in one minute. Satisfaction guaranteed. Details free or send \$3.00 for VX-6, postage paid. M. J. Wassell, Pittsfield, Illinois.

WISCONSIN NATURAL Cheese. Send for price list delivered to your post office. The Cheese Colony, Barneveld, Wisconsin.

INVENTORS DON'T sell your invention Patented or Unpatented until you receive our offer. Write: Cowgill, Box 298, Marion, Ohio.

BLACK'S LAKE, 1/4 mile South of Dixie Ball Diamond. Admission 50¢. Blue-Gill, Croppie, Bull-Head, Channel Cat, Bass. Shady picnicking ground. Mrs. Onia Mae Black, R. R. No. 1, Box 52, Cowden, Illinois.

STUTTERING CORRECTED—Free booklet gives full information. Write today. Wm. Dennison, 553-X Sherbourne Street, Toronto, Canada.



"I think maybe these electric heat people have pushed this 'comfort' angle a little too far."

ELIJAH COMING Before Christ! World's next great Event! Wonderful Book Free. Dept. IR, Megiddo Mission, Rochester 19, New York.

SEPTIC TANKS. Cesspools, outdoor toilets cleaned, deodorized. Amazing new powder saves digging, pumping, moving. Harmless Circular free. Solvex, Monticello 7, Iowa.

DON'T FEED English Sparrows. Make your own trap and catch thousands. Write for free particulars. Roy Vail, La Grange 8 Indiana.

● Of Interest to Women

WEAVE RUGS—Make Good Profits! No experience necessary! Free Catalog, sample card, and low prices on carpet warp, rug filler, looms, parts, inexpensive beam counter. If you have loom—give make, weaving width please. Or. Rug Company, Dept. 5814, Lima, Ohio.

EARN SEWING Pre-Cut Ties. Write Jud San, 2107, Dept. RE-6, Cleveland 8, Ohio.

\$500 FOR YOUR child's photo, if used for advertising. Send photo for approval. Returned promptly. Advertisers, 6000-BHS Sunset, Hollywood 28, California.

LET LARKIN Products make money for you. Cosmetics, extracts, household supplies, cutlery, etc. Write for catalog. Larkin EN, Buffalo 10, New York.

● Pets

BASSET HOUND Puppies. Tri-colored, sad-eyed, long eared. A.K.C. Registered. Mrs. Henry Riggs, Route 1, Bonnie, Illinois. Phone: Mt. Vernon 3979-W4.

AIR CONDITIONERS

(From Page Eleven)

Then there are portable models available. These are not as "portable" as the advertisements often imply, but a strong man can usually handle them without too much difficulty. A few portables include stands which make moving them a lot easier. You ought to keep in mind, however, that the portables are necessarily limited in the size of the area they will take care of.

Other new features to be found on 1958 models include oscillating louvers that sweep back and forth 12 times a minute to direct cool air to all corners of the room.

One company sells a combination conditioner-heat pump that cools, dehumidifies, heats, and humidifies. Most current brands feature better directional louvers than ever and more complete controls.

Thermostats can be had with nearly all makes. These are good investments since they keep the unit from being overworked, while, at the same time, maintain a uniform temperature.

It is advisable to buy a unit that permits shutting off outside air

ENGLISH SHEPHERD pups. Guaranteed heelers. Males or spayed females. Nicely marked. Elmer B. Scherbring, Route 2, Earlville, Iowa.

● Poultry

BABY CHICKS: All leading breeds. Pullorum Clean. Our R.O.P. breeders have proven their laying ability on our poultry farm. Brockmeier Hatchery, Edwardsville, Illinois.

PEA FOWL, SWANS, Pheasants, Guineas, Ducks, Geese, 10 varieties Bantams, Thirty varieties Pigeons, Hamburgs, Polish, Stock, Eggs. John Hass, Bettendorf, Iowa.

● Seeds, Plants, Trees

SWEET POTATO Plants. Seven varieties, Vine Porto Rico, Bunch Porto Rico, Nancy Halls, Early Triumph, Southern Queen, Oklahoma Allgold and Gold Rush. Grown from careful, selected and treated seed. 50c per 100 or \$4.50 per 1,000. Postpaid. Cash orders accepted now for immediate delivery. Collier Brothers Plant Farm, Adairville, Kentucky. Phone Redwood 4-4494, Olmstead, Kentucky.

● Sellers

BUY CIGARS wholesale price. 10c Earl Marshall \$3.50 box, 10c Penn. Dutch Coronas, \$3.50. King Edwards—Cigarillos \$2.00. 25c clear Havanas \$4.00 box. Postpaid. Wm. Lesser, 2015 Cermak, Chicago, Illinois.

BLACK MAGIC Fish Bait Oil. One drop on bait fish-getter. Appeal to all fish, winter or summer. Used by better fishermen everywhere. Bottle enough for 300 baits, \$1.00 postpaid; guaranteed. Free strand imported simulated pearls with order for two bottles. Rieken's Mail Order Specialties, Monticello, Iowa.

intake. Normally, the air in a room should be re-circulated during the heat of the day. Ordinary door traffic will usually provide enough fresh air. It is not a good practice on excessively hot days to have a conditioner constantly bringing in outside air. This forces the unit to run at top capacity continually.

All things considered, this year there's more to be had for your money in the window air conditioner market than ever.

SAUNDERS

(From Page Ten)

uated below the overhead bins in the barn. Shelled corn and oats are channelled into the mill through pipes. A four-inch, 16-foot auger carries the mixed feed from mill to wagon.

Saunders has 120 acres of the farm under crop cultivation now with the rest of the acreage in permanent pastures.

He markets all the grain crops through his hog and beef herds. He raises around 500 head of hogs now, but plans to double this in the next year or two. He also is aiming to add five more cows to his 15 head, Hereford herd. Saunders is secretary of the Spoon River Electric Co-op of Canton.

100 **DOUBLE EDGE** razor blades \$1.00 postpaid. 50 different U. S. commemorative stamps 35c. Dor-Len Sales, Box 21, Galesburg 2, Illinois.

SELLING 100,000 INDIAN relics, 100 nice ancient arrowheads \$25.00. Small grooved stone tomahawk \$2.00. Large grooved stone tomahawk \$3.00. Perfect spearhead over 9 inches long \$20.00. Flint scalping knife, \$1.00. Indiana skull \$25.00. Ancient water bottle from grave \$7.00. List free. Lear's. Glenwood, Arkansas.

● Services

FREE 5x7 ENLARGEMENT with 24 Jumbos from Rolls or Negatives, or with 20 Portrait, Wallets from one Photo or Negative, \$1.00. Square Deal Photos, Dept. E, Hutchinson, Kansas.

EIGHT EXPOSURE roll 30c, Jumbo 40c; twelve exposure roll 40c, Jumbo 50c; reprints 3c, Jumbo 4c. LaCrosse Films, LaCrosse 2, Wisconsin.

TRIAL OFFER. Film developed, 8 Jumbo prints 25c, 12-35c. Same day service, satisfaction guaranteed. Tops Photo Service, Box 229, Lyons, New York.

FILMS DEVELOPED, printed, 8 exposure rolls 50c; 12 exposure roll 75c; 20 exposure \$1.25. Finest quality, rapid service. "Camera" Box, 280 West Chester, Pennsylvania.

● Classified Display

FAMOUS CALIFORNIA DESIGNER-PATTERNMAKER

reveals how patterns are made for dresses, skirts, jackets, blouses, coats, slacks. Many illustrations. Easy enough for sewing beginners. Mail \$1. Emanuel, Box 48442U, Los Angeles 48, California.



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McH Domestic N. 7th
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Real Plato Demand
484028-6734137

Gil Rollo 28th—681816-8142097

FARM, TROY, ILLINOIS

O. E. LINSIN, INC.

8465 Halls Ferry Rd. St. Louis 15, Mo.

Rural Exchange

Regular Rates

15 Cents Per Word
Minimum Ad—\$3.00 for
20 Words or Less

Rates for Illinois
Co-op Members Only
8 Cents Per Word
Minimum Ad—\$1.60 for
20 Words or Less

Display Advertising Rates
60 Cents Per Agate Line
\$8.40 Per Inch
Minimum Ad—\$2.40

Payment Must Accompany
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.

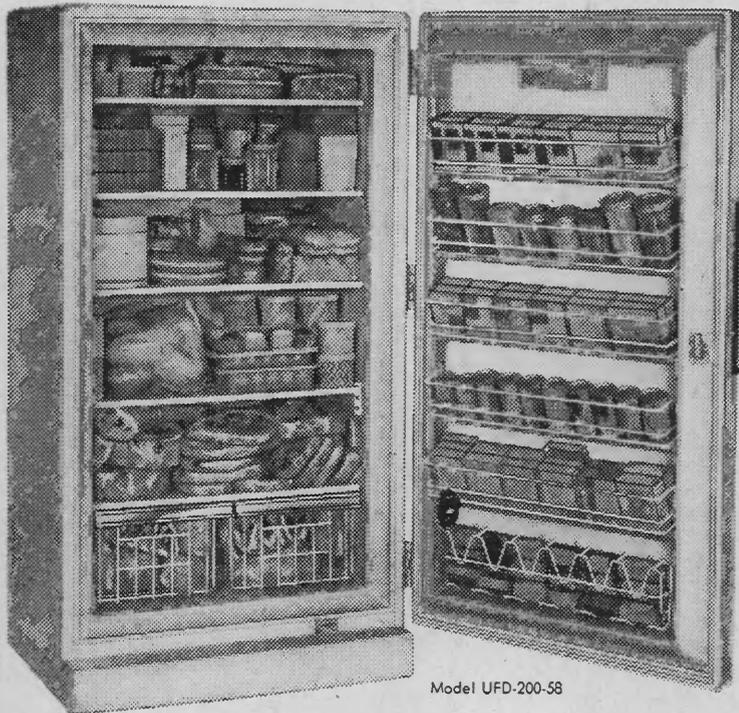
Advertisers are invited to use RURAL EXCHANGE, the classified section of the Illinois Rural Electric News.

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.

Announcing—the Great New
1958 FRIGIDAIRE
DELUXE UPRIGHT FOOD FREEZER



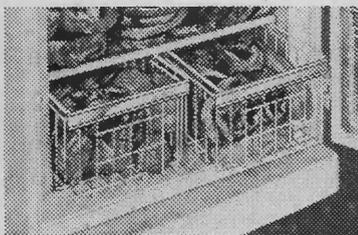
700 LBS. BIG!

Takes only 36 inches of wall space

Here's a magnificent new Food Freezer, made to order for farm families. It has huge farm-size capacity—20 cubic feet of zero-zone cold to keep foods farm-fresh. There are 5 roomy full-width door shelves—each one tilts forward for easy selection, lifts off for easy cleaning. The Food Freezer is powered by the economical, famous-for-dependability Frigidaire Meter Miser—and has extra-thick, high-efficiency insulation. Here's a brand-new Golden Anniversary Model, celebrating 50 years of General Motors leadership. See it and you'll see why it is one of the greatest Freezers ever built. Other models—upright and chest-type—12.3 to 17.5 cu. ft. capacity.

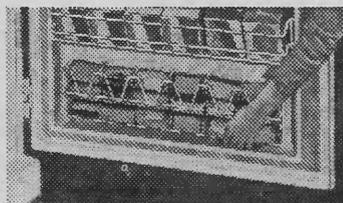
- 1-Year Warranty on entire Food Freezer plus 4 year protection plan on sealed unit
- New Safety Seal door — opens from inside, too
- Built-in Lock — with 2 keys
- Removable "Flip-Quick" Ice-Ejector with Instant Ice Server — optional at extra cost
- Adjustable Cold Control with (Defrost) OFF position

ZERO ZONE REACH-IN STORAGE — on five full-width shelves; 4 refrigerated for fast, sharp freezing; adjustable shelf lifts up or out to store "bulky" packages.



TWIN ROLLING BASKET-DRAWERS
 Deep, roomy and removable. Glide-out storage for odd-sized, hard-to-stack packages. Won't slip, can't sag, easily removed for cleaning.

FROZEN JUICE CAN STORAGE
 Full width, "see through" rack, stores full 18 cans right on door. Handy serving slot below each row, to speed up selection.



Plus—3 Year
 Food Spoilage Warranty



J. J. FRIGIDAIRE COMPANY
 502 NORTH A ST
 MONMOUTH ILL



FRIGIDAIRE FOOD FREEZERS
 Upright and Chest Models



Built and Backed by General Motors