Lead Industries Association, Inc.
292 Madison Avenue • New York, N. Y. 10017 • Telephone: (212) 679-6020

August 13, 1969

SUBJECT: LAWN AND GARDEN TRACTOR

To LIA's Board of Directors and
Industry Development Committee:

As you know, the LIA in cooperation with the Farm Electrification Council financed the development of battery-powered lawn and garden tractor that has now been successfully completed. Total cost of the project was $10,000 financed equally by the two organizations. The contractor was Aircraft Dynamics, Inc., Lima, Ohio.

A complete report of the field trials appears in the attached copy of the May 4, 1969, issue of "Country Living." The report entitled "Make Way for the Electric Tractor!" begins on page 4. Similar reports, though not quite as complete have appeared in many other publications.

The tractor has been sent to Wheel Horse Products, Inc., South Bend, Ind. at their request, for evaluation as to whether or not they will develop it commercially. Mr. Frank Scalpone, Vice President, Marketing, reported to LIA that their decision is expected by August 15, 1969.

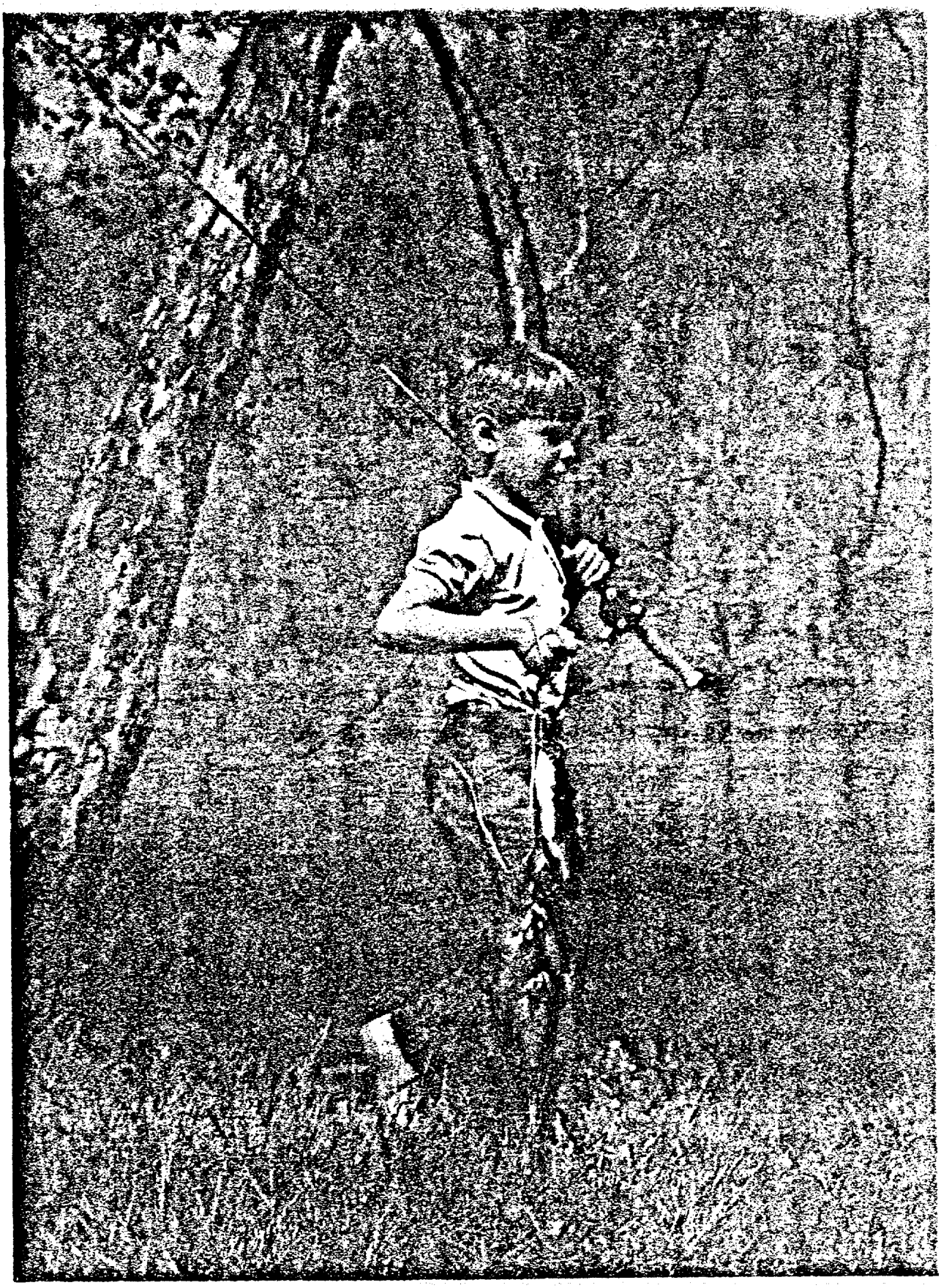
Sincerely,

J. L. Kimberley

J. L. Kimberley
Executive Vice President

JLK:so
Att: "Country Living"
May 4, '69 Issue

Country Living MAGAZINE



MORROW ELECTRIC COOPERATIVE EDITION

MAY, 1969

N 3634.01 LIA01792

EDITORIAL

A NEW supplemental financing program for member-owned electric systems was approved in March at the annual meeting of the National Rural Electric Cooperative Association in Atlantic City, N. J.

This proposal would establish a financing institution to be known as the National Rural Utilities Cooperative Finance Corporation. Membership would be open to Cooperative and non-profit organizations such as your rural power supplier here in Ohio. An objective would be to help provide $15-billion predicted as necessary to give full electric service to America's rural areas in the next 15 years.

The money is needed mostly for construction of heavier lines to meet power demands that will double in the next 10 years—consumers enjoying and putting electricity to work.

The plan is to supplement capital fund requirements of America's 1,000 rural electric systems seeking money from the Rural Electrification Administration. Since the average revenue per mile of line is less than $500, contrasting with nearly $8,000 per mile of line for the investor-owned power suppliers, it's obvious many rural electric Cooperatives will need low-cost, long-term REA funding for years to come. Some Co-ops, however, occupy a business position that is better than average. It is hoped these systems would use the new institution first. Meanwhile, those rural electric Cooperatives needing REA funds could continue healthfully, and eventually mature to the business level of those systems switching to the new financial institution.

Two of the guiding leaders in these finance plans are Howard A. Cummins, executive manager, Ohio Rural Electric Cooperatives and Owen D. Manning, manager, The Frontier Power Company, Coshocton.

Concepts for the plan were presented to a National Rural Electric Cooperative Association Long-Range Planning Committee almost two years ago in St. Louis by Mr. Cummins. A great portion of the supplemental plan follows his recommendations which were approved by the OREC Board of Trustees. Mr. Manning has served from the very beginning of the proposal on the long-range planning committee representing Ohioans.

When the proposal was approved in Atlantic City, Ohioans could take greater pride than ever in their leadership for America's fine rural electric Cooperative program.

Last summer, June 28, 1968, your Buckeye Power, Inc., became reality. That's when an entirely new concept in the electric industry was formed in a partnership arrangement between the investor-owned Ohio Power Company and Buckeye (member-owned) to own one of this state's largest generating stations, the Cardinal Plant, on the banks of the Ohio River near Steubenville.

The new supplemental financing plan is another example of business statesmanship by Ohio rural electric leadership in solving the "bread and butter" problems of keeping your electric service firm and your Cooperative efforts meaningful.

—George D. Robey, Jr.

MAY 1969
Vol. 11 No. 8

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ADVERTISING MGR.
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Country Living is the voice of 583,000 consumers of incorporated, business-managed, tax and interest-paying rural light and power Cooperatives.

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COVER—A seven-year-old boy never stands taller than when he's carrying home a nice string of fish. This charming scene along the banks of the Mohican River was snapped by Malcolm Emmons, Ohio Extension Service photographer. The boy is Paul Cowen, son of the William F. Cowens of 4460 Lauraland Dr., Columbus.

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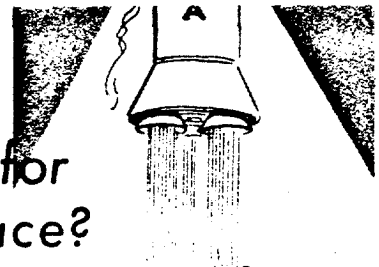
Packaged Kilowatts for Outer Space?



In a letter to the editor of *Country Living*, Mrs. Clarence Lawson of South Bloomingville, O. proposes a revolutionary plan for electrifying outer space. Mrs. Lawson's idea is one to fire the imagination of those Ohio people who 35 years ago tackled the "impossible" job of electrifying rural Ohio, and who until recent months could only dream of owning one of the state's largest and most efficient power generation plants.

To those of us who dare to do, who persist in making "impossible" dreams come true, Mrs. Lawson says:

"I suggest you wrap in small packages any extra kilowatts you may have that will stand space travel. Give them to the astronauts to be passed out as samples to inhabitants on the planets they visit. Be sure to put our Co-op's name and address, plus "Planet Earth," on the packages. Be the first electric company to reach the other planets. Let the astronauts store the extra packages of kilowatts in the "Big Dipper" for use on future trips."

More down-to-earth, for sure, are the following letters from readers who sent in the best suggestions to HUPET (How rural families will Use idle summer kilowatts of Power to add comfort and convenience Economically, for flameless electricity is available Today at pre-inflation era prices):

What can we do with those loafing kilowatts this summer?

We could use them while keeping our schools open the year around. By sponsoring summer shop courses, typing, bookkeeping, home economics classes for high school students and adults, we could help improve the condition of all citizens. Imagine the possibilities of a program aimed at informing farmers and their urban brothers about agricultural advances, problems, laws and government programs. There must be a good many high school students who would appreciate a summer course in auto mechanics, although the regular courses are aimed at college entrance.

How about year-round sports and physical fitness programs? Dance classes in the gym? An adult choral group? Music lessons for adults?

I believe this could be made to work nationwide, and profitably in more than mere dollars.

Mrs. Richard Letso
R. 1, Defiance, O.

For 10 years we've been putting idle summertime kilowatts to use by having a swimming pool in our back yard. We use kilowatts to pump water from our well and to run the pool filter system. Therefore our electric bill runs about the same summer and winter.

Mrs. Carl R. Musselman
R. 4, Middletown, O.

There are at least two appliances that should be used more in the summertime. One of these is a dehumidifier. It keeps the air in the home drier, making it more healthful and more comfortable, as well as its being better for the furniture. The other handy helper is a dishwasher. It saves standing over a steaming sink on a hot day and also gives you precious extra hours to spend with your family.

Mrs. Janet Stoffel
R. 2, Lewisville, O.

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#1 RATED SELF-CLEAN OVEN

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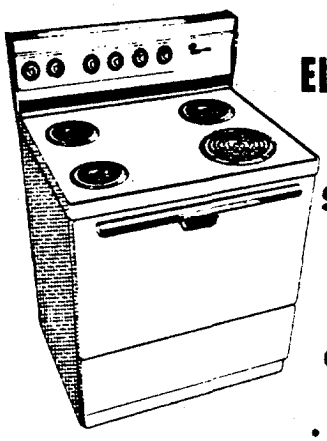

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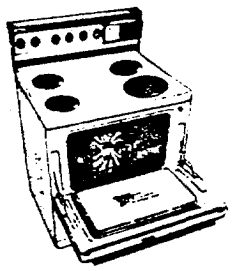
Only $229

compare:

King-size oven • Spread-even heaters • Hinged surface units for easy cleaning • Chrome drip pans and trim • Divided porcelain enamel platform with no-drip edge • Lift-off door • Porcelain enamel oven interior • One reversible oven rack • Oven signal light • Eye-glance control dials.



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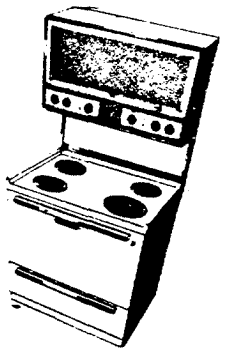

Westinghouse 30" Continental Range with Self-Clean Oven, Warm'N Thaw Compartment

Self-clean oven • Exclusive Warm'N Thaw Compartment • Canopy eye-level controls • Automatic timing center • Oven and surface unit signal-ites • Interior lights • Fluorescent platform light • Automatic appliance receptacle • Full-width storage drawer • White, Avocado, Coppertone, Goldtone

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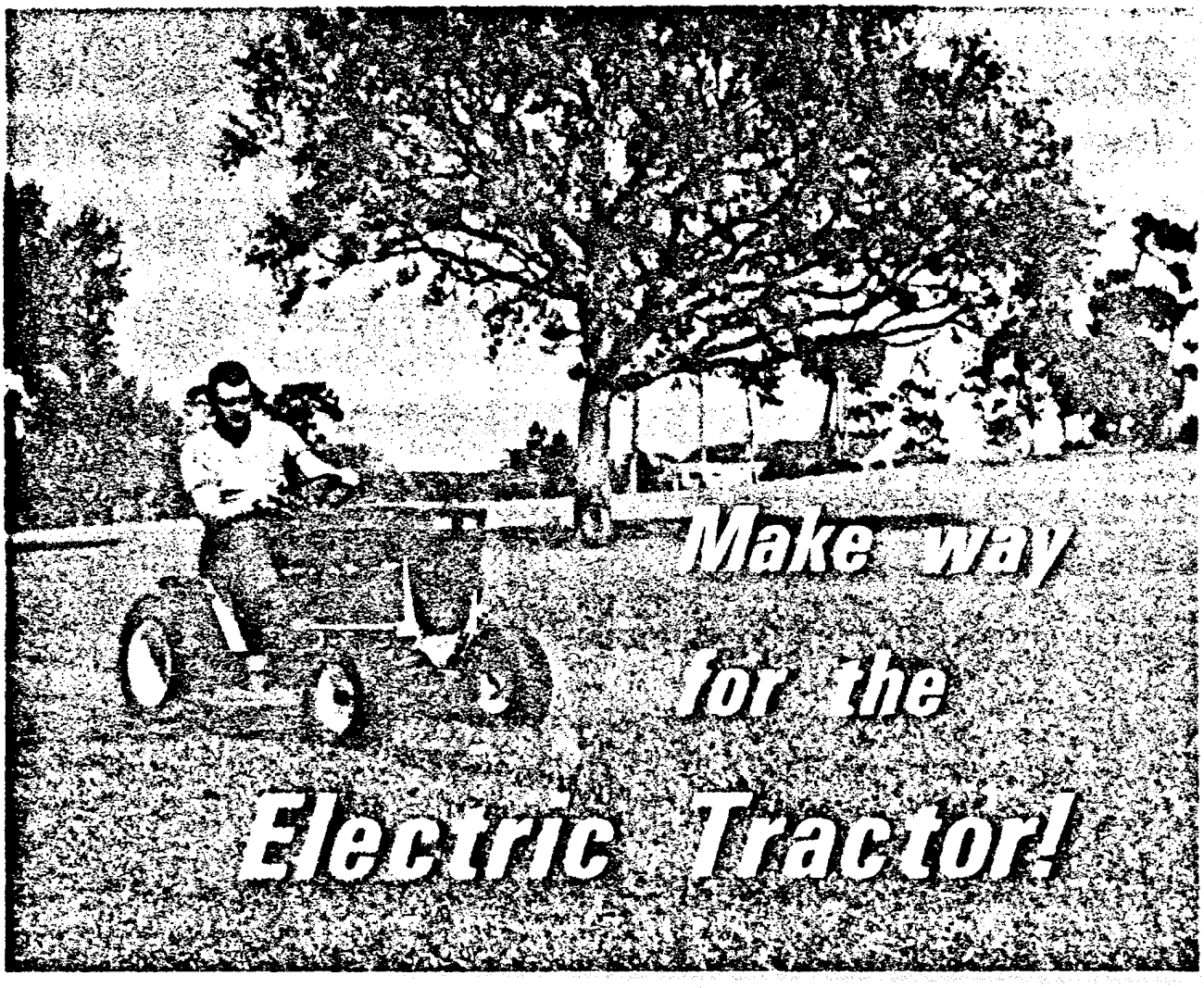
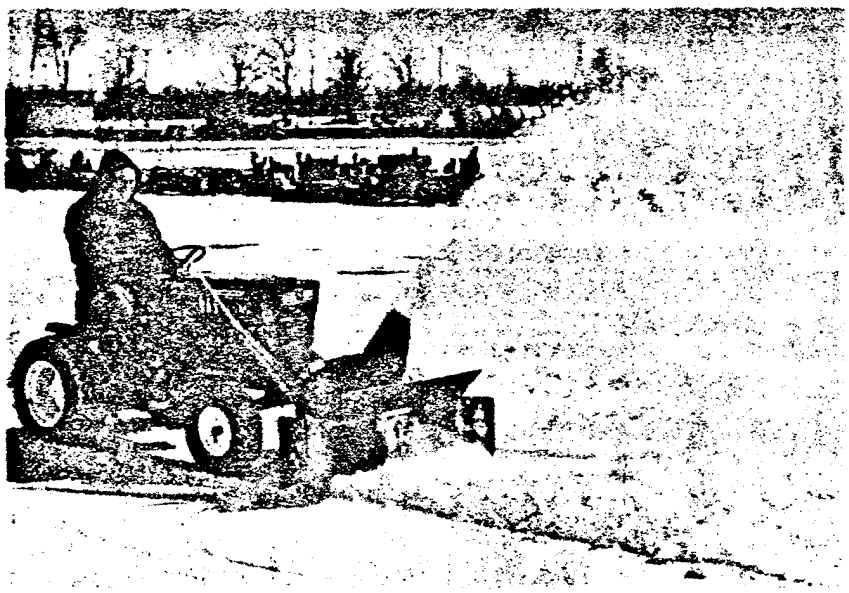


Make way for the Electric Tractor!

The world's first electric lawn and garden tractor zips through tough Bermuda-Bahia grass in Florida. Russell K. Glover III of Aircraft Dynamics, Inc. is at the wheel.

Thar she blows!–snow, that is. This picture was taken at Lima, O. last Feb. 14. Jack D. Jones, general manager of Aircraft Dynamics is in the EXT driver's seat.



The EXT, a battery-powered lawn and garden tractor that will run up to two hours without recharging, was introduced in Chicago, May 6, as the only really "clean air" tractor. It is the newest in a growing list of battery-powered vehicles for home, farm and commercial-industrial use.

The EXT (Electric Experimental Tractor) is a four-wheeled, riding-type tractor, with capabilities near those of a 12-hp engine-type unit. Powered by six 6-volt lead-acid batteries with a higher energy density than most now on the market, it is capable of mowing, plowing, and snowblowing. Following use, it can be plugged into an electronic charger and fully recharged within 12 hours.

The tractor has a solid-state control which doesn't waste energy like a resistor speed control, and allows for variations in speed and reversing without loss of power. Most of its six electric motors–two to propel it, three to run the mower and one to run the snowblower–are of a new permanent-magnet type requiring less energy than

LIA01795

conventional motors. It also has an electric power lift for attachments.

Co-sponsored Project

Co-sponsored by the Farm Electrification Council, Oakbrook, Ill. and the Lead Industries Association, New York, the EXT was developed under contract by Aircraft Dynamics, Inc., Lima, O. manufacturer of battery-powered hand tools and airplane movers.

"Our objective in developing this tractor," said John D. Turrel, executive manager of FEC, "was to show that it could be done!

"Now, several manufacturers are keenly interested in the possibilities of this product. They've indicated that the EXT, in a size comparable to a 7-hp engine unit now on the market, could be manufactured and sold for around $1,000. I think it's entirely possible that we may be seeing production models on the market within the next year or so."

Field Tests Successful

"Our field tests showed that the tractor will run up to two hours, depending upon how it's used," said Connel A. Baker, Jr., engineer for the Lead Industries Association. "In snow-blowing tests we ran it for two hours on level ground at a working depth of two to six inches, and cleared more than one-third of an acre. On two successive days during the mowing tests we mowed each time more than an acre of sloping ground in 1-1/4 to 1-1/2 hours, using a variety of drivers. The grass was a very tough mixed Bermuda-Bahia strain that couldn't be cut with a reel-type mower. The EXT then completed its tests by pulling a 10-inch conventional garden plow through sandy soil without experiencing any difficulty."

The tests also showed that battery-powered tractors, similar to the EXT, should be more economical to operate than engine-type units. "We found that six kilowatt-hours would be a normal recharge on the EXT," said Russell K. Glover III, engineer for Aircraft Dynamics, Inc.

"At average electric rates," he continued, "the energy cost for mowing an acre or more of lawn would run from 9 to 12 cents—or about the price of a *quart* of gasoline."

Advantages Cited

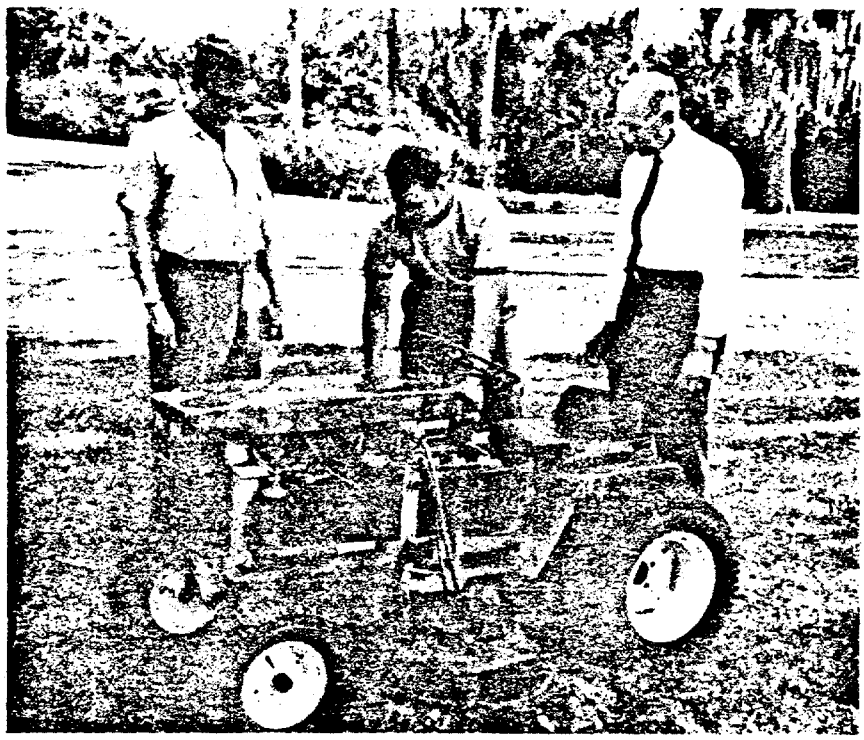
Turrel and Baker cited the following advantages of the EXT:

1. *Low noise level.* Less noise hazard for the operator; less irritation for his family and neighbors; and quieter to operate around livestock.

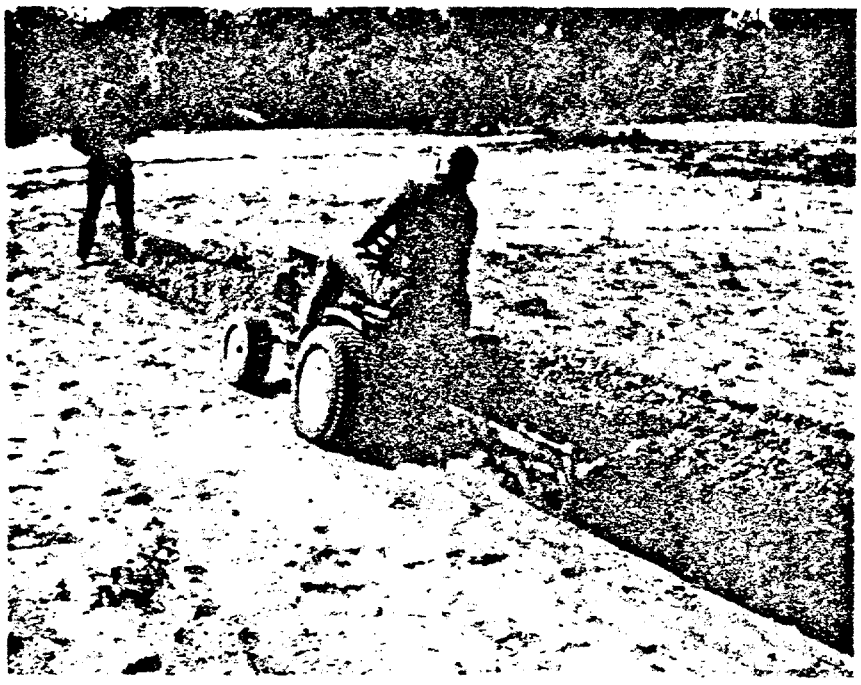
2. *No fumes.* Eliminates the effects of air pollution upon humans, animals and plants.

3. *Built-in safety features.* The tractor's lower center of gravity re- ▶

Rechargeable batteries of the EXT are examined by (from left) Dave Borcina of Lead Industries Association; Russell Glover, Aircraft Dynamics; and John D. Turrel, Sr.



It plows too! Connel A. Baker, Jr. of Lead Industries Assn., turns out some neat furrows in sandy Florida soil as the cameraman captures the moment.



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THE EXT—

(Continued)

duces its chances of tipping over; a microswitch in the seat provides automatic braking and a three-second stop of the mower blades when the operator leaves his seat; and the tractor stops automatically when the operator takes his foot off the spring-loaded pedal used for speed control.

4. *Easy maneuverability.* Can be operated by men, women or teenagers without interference to other activities in commercial, industrial or livestock areas.

5. *Eliminates vibration, engine maintenance and fuel storage problems.*

Forerunner to Bigger Units

On today's farms, tractors similar to the EXT could be used for feeding and cleaning chores around poultry houses and for daily cleanup around stables and free stall dairy barns. Turrel foresees this tractor as leading to battery-powered high clearance field tractors used in spraying and detasseling row crops, and ultimately as battery capability increases, to battery-powered farm tractors equal to today's 100-hp engine-type units.

Lead-acid batteries now handle many heavy duty haulage jobs. A recent development in this area is the Ramcar, a mine vehicle capable of hauling up to 30 tons of coal or ore for a full shift period before recharging. Another development is a 90-passenger intra-terminal train which can haul 1,200 people an hour, now in service at the Houston airport. The three-car train is powered by two, one-ton lead-acid batteries! ◀

***

Howard A. Cummins, executive manager of Ohio Rural Electric Cooperatives, is secretary and a member of the board of directors of the Farm Electrification Council. The council works continuously to study and develop time-and-money-saving electric devices and systems for the farm.

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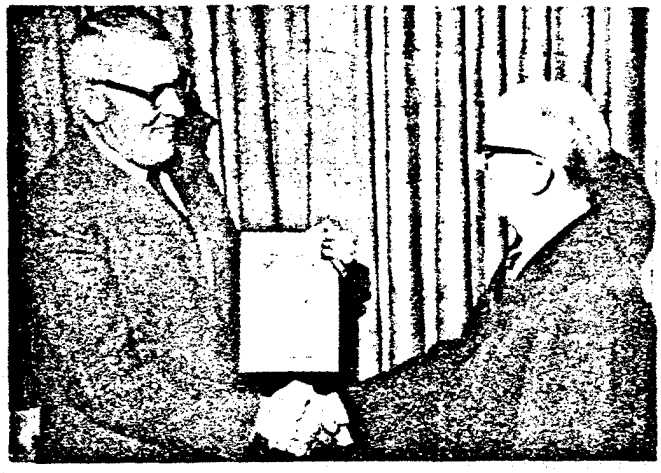
Among Ohio's Co-ops, They Rate

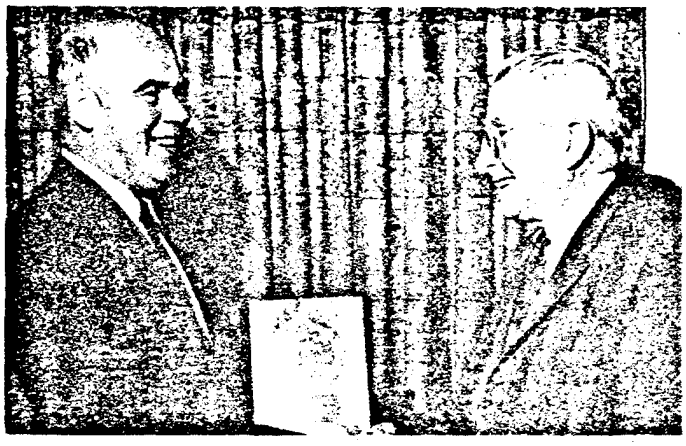
Top honors for best 1968 load factors among Ohio's electric Co-ops belong to Firelands of New London, Morrow of Mt. Gilead, and Buckeye with offices at Gallipolis. At the Buckeye Power, Inc. board meeting, March 10, Howard Cummins, executive manager, presented plaques to these three Co-ops in recognition of their ability to keep summer power sales closest to the level of wintertime's peak system loads. Or, in other words, they are Ohio's best *HUPETERS (*How to Use Power Efficiently Today).

John Harmony, Firelands Co-op manager, accepts the top award and a handshake from Preston Golding, president of the New London-based Cooperative.



Second place award winner Leonard Wigton of the Morrow Co-op is congratulated by Co-op President Merrill Cowgill.

The plaque for runner-up Co-op, Buckeye Rural Electric, was accepted by Donald Robinson, office manager (left) and Estel Dempsey, Buckeye board member.



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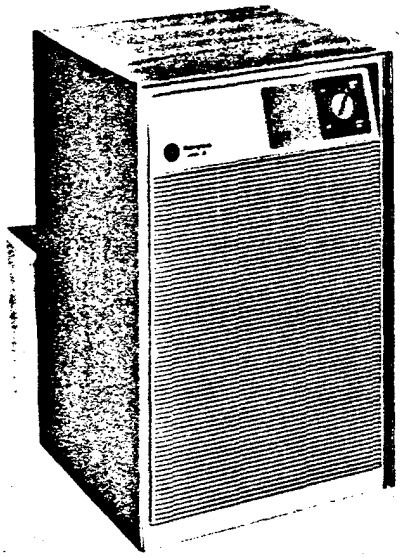
HUMIDITY ...causes

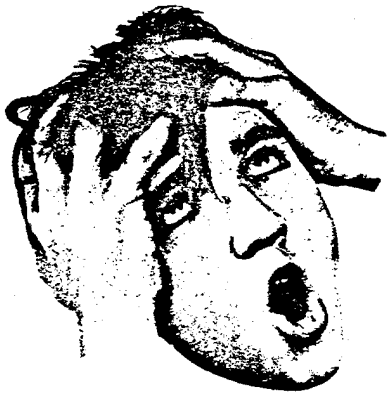
('taint the heat)



RUSTY METAL
PEELING PAINT
STICKING DOORS, DRAWERS
MILDEW ON CLOTHES
MOLDY SHOES

and

UNCOMFORTABLE PEOPLE!



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Price includes tax. Freight allowed (prepaid) to destination. Allow 2 weeks for delivery.

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LIA01708

A Visit to the Home Place

By MARY DELL

Rounding the gentle bend in the highway, Beth turned the car to the left and drove up the narrow gravel road. It led to Rockwood, the name her parents had given their farm. There was a tender tugging at her heartstrings, and memories that misted her eyes.

The green fields bordering both sides of the road were sprinkled with dandelion gold. Passing the Hunt place, she noted sadly the rotting deserted house of their old neighbors. The large lawn where she'd spent many a pleasant summer's afternoon was now grown high with weeds. The well remained. Yearning to again taste the cold sweet water she'd enjoyed so as a youngster, she slowed down to look for a bucket and rope with which to draw it up. She found neither.

Driving on, she gazed to the right. The woods were dainty with spring flowers. And over there, the remains of a tree house built by brothers Dan and Jack. To the left was the sorghum cane field, barren now, but still graced with the tiny stream, where, as children they'd waded and played hard at catching tadpoles and minnows.

Rockwood was now directly in front. A lump tightened Beth's throat as she eyed the weatherbeaten, blue-roofed farmhouse where she'd blissfully grown from ages six to twenty one. The house snuggled comfortably against the hillside, half hidden by the three large maples in the front yard.

Parking at the side of the road, Beth noticed that the barn her father built was sporting a new coat of bright red paint. Seeing the place so well kept cheered her.

The winding flagstone steps, which she'd helped build, lured her toward the front door. Midway, her eyes were drawn to the peony bed planted by Mother's own hand. How eagerly she'd awaited their flowering each May. On the other side was Mother's iris bed and beyond that the proud rose garden. It satisfied Beth, somehow, to know the beauty her mother had created still remained, even though she'd been gone 13 years.

Her eyes thirstily took in the lovely white-flowered orchard which Father had set out on the hillside back of the house. Through those once-again unfolding young buds she was certain something of him lived on.

They are here, she thought, everywhere. And yet nowhere.

The front door opened and the present mistress of Rockwood, whom Beth had phoned from town, beckoned and said, "Won't you come in?"

"Thank you," replied Beth. "I'm sorry to be so much bother, but I wanted to see the home place again."

Once inside, she knew the extent of her folly. She'd come back to Rockwood looking for the home, the haven she'd once known—filled with love and laughter, the happiest place she'd found in this world. Looking about the remodeled rooms, the modern furnishings, she realized it was no longer there. But with a sadness, and a gladness, she also realized that her parents hadn't taken it away with them. They'd left it—engraved in her heart and mind. Otherwise, why would she have come back at all?

Thanking the woman kindly, Beth went back to her car and drove away; wanting, but not the least bit empty.

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Nationwide

LIA01800

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Co-op Personality... JOHN HAYES

On the ancient shores of Lake Erie, along the DT&I Railroad at the outskirts of the village of Gallup, is a pleasant modern one-floor farm home. It is the residence of John Hayes, third generation farmer and *Country Living's* "Personality of the Month".

A sandy ridge near the Hayes home is evidence that Lake Erie shores once did extend to the southern tier to townships in Henry County. Artifacts found on the Hayes farm tend to prove that the land once was inundated and that along the sand ridge a tribe of early Americans once camped and buried their dead.

Grandfather Jerry Hayes purchased an 80-acre tract in Marion Township, Henry County, in the year 1864. To the north the "Black Swamp" lands were just that—swampy. To the south the "high" land was mostly timber and the price for the original homestead was $10 an acre.

In the intervening century much has happened. Fields were cleared of timber, the wet spots drained and crops planted. In 1894 the railroad came past the Hayes farm and Gallup became an entity on the map of Ohio. In addition to passenger service, tons of freight were moved out of Gallup—grain, livestock and sugar beets—car after car. As a boy, John Hayes was waterboy for the men building an all-weather road along the route of the Indian trail that curved along the ancient lake shoreline.

Unknowingly, John helped trigger a revolution in rural living, for "roads to market" fathered the autos and trucks. And today Gallup is an uninhabited village—population zero—a place where no trains stop.

After high school in the nearby village of Hamler, it was back to the farm for John Hayes. This was 1932 and those old enough to remember agree that farming in the days of $2 to $3/CWT hogs and 20-cent corn was rough.

But the Hayeses stuck with it through thick and thin until good years balanced up with the bad.

In 1948 John married Dolores Schwab, a girl from nearby Wood County. Their two children, Jerry and Kathleen, were raised on the home farm.

Today John operates family and rented land—400 acres of it. And, in addition, finds time for neighborhood responsibilities. He is precinct committeeman for the Henry County Democratic Central Committee, an active layman in Hamler's St. Paul Catholic Church, since 1965 a member of the Board of Trustees of Tricounty Rural Electric Cooperative, Inc. and at present director of both Ohio Rural Electric Cooperatives, Inc. and Buckeye Power, Inc.

Through the pages of *Country Living* you have been introduced to dozens of Co-op personalities from all corners of Ohio.

This personality sketch is undoubtedly the "sweetest" one of the whole lot, for from black, level, fertile Henry County acres (going price now $600 to $800 per acre) John Hayes sent to the refinery in nearby Ottawa last year about 950 tons of sugar beets. Boiled down, the end result is quite a pile of sugar.

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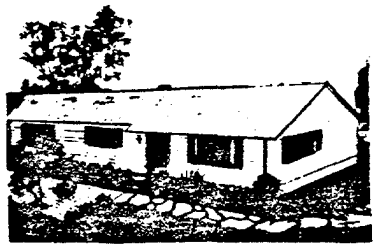

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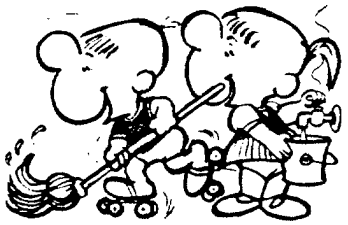


Household Chores Go Faster with an Electric Water Heater, Especially when it's an

IQ-52

IMPERIAL GLASS-NU-CLEAR-LINED

WATER HEATER

Check the Low, Low Prices Available at these Co-ops: Buckeye, Darke, Frontier, Guernsey-Muskingum, Licking, Lorain-Medina, Marion, Pioneer and South Central.

LIA01801

Keeping up-to-date in

CO-OP POWERLAND

MORROW ELECTRIC COOPERATIVE, INC.

Mt. Gilead, Ohio **"Owned by those it serves"** **Phone 946-2856**

Prevent Grain Spoilage: Use Aeration Fan

Aeration of stored grain can both limit mold and fungus spoilage and help prevent insect damage, reports W. R. Schnug, OSU Extension engineer.

Schnug said aeration prevents spoilage by removing excess moisture and cooling the grain. Cooling also renders most grain-destroying insects dormant.

Any grain stored for a year or more and grain stored over winter that has a moisture content greater than 14 percent should be aerated, he said.

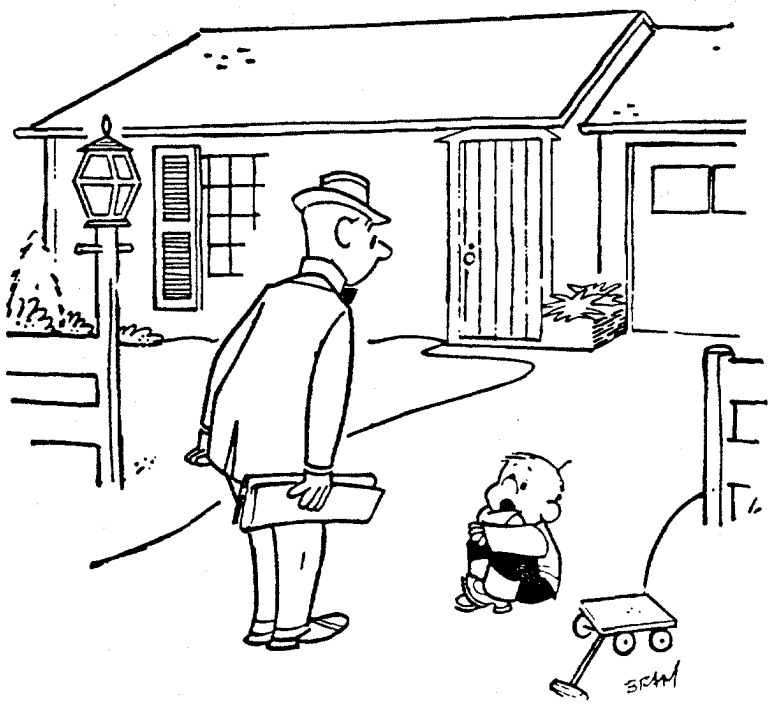
Design of aeration apparatus depends on the structure and grain depth, but Schnug recommends a system that pulls air downward through the grain and exhausts it outside the structure. This eliminates the possibility of condensation inside the bin.

Schnug suggests these tips for when and how long to aerate:

–When there is a cold period in the fall lasting for more than four days, start aeration to cool the grain. Operate the system until the temperatures of the air entering and leaving the grain are nearly equal.

–Operate fan on cold, dry days to maintain uniform temperatures. A good practice is to run the fan every week or 10 days during winter months.

–Very large storages should be aerated continuously when humidity drops below 60 percent. Automatic controls can do this chore.



"THIS IS ONLY A QUESTION, YOU UNDERSTAND, BUT WOULD ONE LITTLE BB HOLE DO MUCH TO OUR PICTURE TUBE?"

Please Don't Keep It A Secret!

There seems to be a misconception that when a person adds an appliance in the home or on the farm, his electric bill will go up, or that he will be put on a higher rate.

Of course the electric bill will go up because there has been added an increased load. BUT, the rate does not change.

What does happen? Many times the member has a power outage caused by the new appliance adding a load beyond the capacity of the transformer. The transformer fuse blows and the possibility of the transformer being burned up and destroyed is not remote. If the fuse just blows, the outage cost is only the time it takes the serviceman to come and replace it. Even that cost can amount to $15 or $20. However, the transformer has been punished and, to some extent, partly worn out. The next time, and there will be a next time in this case, the fuse will blow and the transformer will be destroyed. . .burned up as we say. This then will take two trips by the serviceman–one to find out the trouble and a second one to get a new and larger transformer. This cost now comes up to sometimes $400.

These costs are all a part of operating expense of the Cooperative. In time, the increased expense could cause a revision in rates.

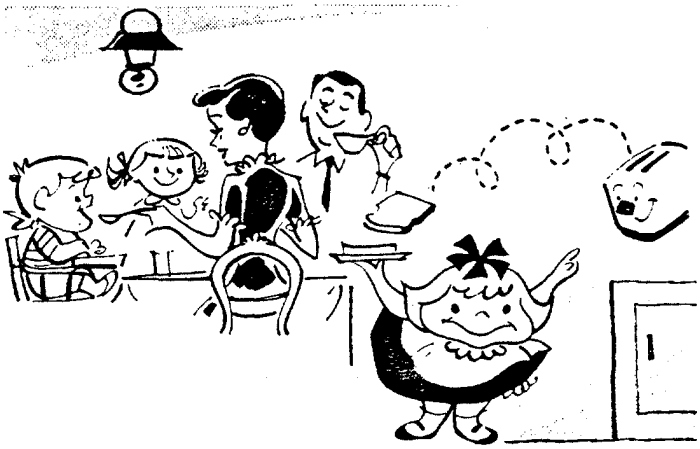
Another point. As transformers are overloaded, low voltage occurs at the member's service. Low voltage means that it will take longer for any appliance to do the job that you are wanting done, therefore there is a great possibility that more electricity will be used, resulting in a higher bill. But people often blame this higher bill on the rate rather than the use of the appliance.

Everyone will benefit – the user and the Cooperative–if the member will notify his Cooperative that he has added a range, water heater or other major appliance.

LIA01802

with Mama's little helpers

EVERYBODY SITS DOWN AT DINNERTIME



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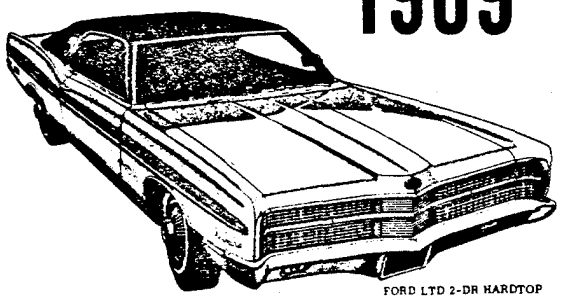

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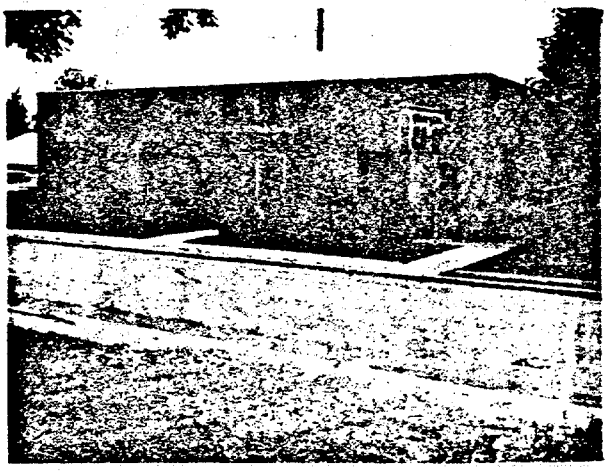

MORROW ELECTRIC COOPERATIVE, INC.
75 S. CHERRY ST., MT. GILEAD, OHIO
OWNED BY THOSE IT SERVES
PHONE 946-2856 AREA CODE 419

BOARD OF TRUSTEES

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J. Kincade, Office Mgr.	Vera Kincade

LINE CREW

A. Wigton, Foreman	Thomas Hauck
Herbert Warner	David Eastridge
Victor Davis	Charles Everett

****

OFFICE HOURS MONDAY THRU FRIDAY---8 A. M. TO 5 P. M.
CLOSED ALL DAY SATURDAY

TO REPORT OUTAGES OVER THE WEEKEND
AFTER 5:00 P. M. FRIDAY

May 23-25	Victor Davis	946-5101
May 30-June 1	Thomas Hauck	946-7517
	David Eastridge	946-2385
June 6-8	Herbert Warner	946-4616
	Charles Everett	946-6716
June 13-15	Victor Davis	946-5101
June 20-22	Thomas Hauck	946-7517
	David Eastridge	946-2385

****

Leonard Wigton, Mgr. 946-5444--A. Wigton, 946-3279

NOTES FROM THE APRIL BOARD MEETING

The regular meeting of the Board of Trustees of Morrow Electric Cooperative, Inc. was held at the Cooperative office, 75 S. Cherry St., Mt. Gilead, Ohio on April 15, 1969 at 8 P. M.

1. Roll call showed all Trustees present.
2. Minutes of the March meeting were read and approved.
3. Twenty nine applications for membership in the Cooperative were approved and membership certificates issued.
4. Approved eleven requests for cancellation of memberships and refund of fees.
5. Voted to pay Capital Credits in full to settle the estates of Dorse Counts Jr. in the amount of $99.90 and Gus A. Gencho $505.82.
6. Review and approved the Special Activities Budget of the Ohio Rural Electric Cooperative, Inc.
7. Approved and signed a joint use of poles contract between The Northern Ohio Telephone Co. and Morrow Electric Cooperative, Inc.
8. Approved the expense accounts of Carl Chapman and Rollin Heidlebaugh to the NRECA Annual Meeting in Atlantic City, New Jersey.

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THE RECORD FOR THE MONTH OF MARCH

	1968	1969
Monthly Accounts	2738	2860
Annual Accounts	83	87
Security lights	754	851
KWH Purchased	3,377,477	3,511,800
Cost of Purchased Power	$26,113.87	$27,588.59
KWH Sold	2,813,707	2,839,799
Average KWH consumption	1028	993
Ave. Rev. per KWH Sold	.0187	.0188
Ave. Electric Bill	$19.21	$18.62
Rev. from Electric Sold	$52,589.13	$53,248.48
Year to Date Margins	$31,153.90	$19,992.84

****

A Capital Credit check for H. E. Schindler, W & O Tank Service, Town St., Mt. Gilead has been returned to us by the Post Office. We would appreciate any information we could get concerning Mr. Schindlers new address.

"What are you doing way up there," she hollered to the man way up there on the scaffolding cleaning the city hall clock, "is something wrong with the clock?" "No mam," he replied, "I'm just near sighted."

Sign on the back bumper of a station wagon: "You are now keeping up with the Joneses."

Gasoline is something your son can drive the car into the garage on the last drop of.

THE BUSY KILOWATT

The line crew was kept busy with the usual number of connects, disconnects, service calls to replace fuses, check for high bills, etc. as well as spraying Right-Of-Way, maintenance of oil circuit reclosures and sectionalizers in an attempt to have equipment ready to hold outages to a minimum during the seasons storms. As for improvement and new construction, a new entrance was installed at one of Kenneth Barber's houses for a new 100 A box. Their son, Fred, added a new washer and dryer and no place left in the old box for adequate circuits. Peru Twp. Morrow Co.

Installed a new entrance at Clarence McNutts. Benn. Twp. Morrow Co.

Built a five or six span primary extension, installed transformer and temporary entrance to furnish power for Harvey Boggs to construct a new home for Henry Matthews, Troy Twp. Morrow Co.

Installed larger transformer at Max Goldsmiths. Troy Twp. Morrow Co.

Installed transformer, pole, service and security light for Samuel Shortino. Bennington Twp. The Shortinos plan to either build or move in a mobile home and wanted light to see to build their garage.

Added pole mid span in secondary, installed service and temporary entrance to construct a new home for James Partin in Westfield.

Installed transformer, service and entrance to serve a mobile home that the Kenneth White's own and rent. Gilead Twp.

Completed retirement of line to the Fuller Oil Well. Bennington Twp.

Retired transformer, services, entrances and primary line originally installed for a saw mill and cabin, west of Williamsport in Congress Twp.

Installed new entrance to 100 A switch box at one of Robert Howard's farms. Franklin Twp.

Installed security light at Mollie Locke's. Benn. Twp.

Installed larger switch box at the residence of Hoy Fisher. Peru Twp.

Relocated one service from meter pole to a new shed at the Donald Mitchell farm so old shed could be torn down.

Built primary extension, installed transformer at temporary entrance to furnsih power to construct a new home for Gerald Baer, North Bloomfield. Also relocated facilities for North Bloomfield Township house on this extension.

Installed service and entrance from existing transformer to a barn for William Weston, Sr. Harmony Twp.

Installed pole, wiring and security light for the John Hales. Troy Twp. Richland Co.

Installed permanent service to the new home of Darryl Browning. Perry Twp. Richland Co.

Built 2 span of primary line, installed transformer, temporary entrance and secuirty light at the new home site of the Robert Vaughns. Wayne Twp. Knox Co.

Retired security light from Carl Angels, Congress Twp. Carl was transferred to a new plant by his employer.

Set poles for relocation of line at two bridge jobs on State Route 95 east of Chesterville.

Installed service and entrance to a house being remodeled by Guy Granger in Westfield.

Installed service, entrance and breaker box to provide power to operate motors on the crusher and augers from the wet corn storage bin at Orral Roshons.

Set pole, transferred wires and installed security light for Carl Robinson. Congress Twp.

Set poles on extension to Dennis Shipmans. Franklin.

Installed transformer, service, poles, security light and entrance for mobile homes for Clarence Caudill and Tom Harvel. Bennington Twp.

Built one span of primary, installed transformer and entrance to serve the mobile home of Frank Battocletti. Bennington Twp.

Installed new entrance cable at Willard Martins. Lincoln Twp.

Installed service, pole, entrance and security light at the mobile home of Sidney Hoskins. Bennington Twp.

Installed transformer and temporary entrance to construct a new all electric home for George Ross. Troy Twp. Morrow Co. The Ross's recently sold their farm buildings and a portion of their farm and need a new house real soon.

Retired the meter that served the Dale Braddock's home in Wayne Twp. Knox Co. Connected the service to the 3 phase bank that serves his grain drying equipment and farm buildings.

Relocated the transformer, meter pole at George Straits. Franklin Twp. George relocated a portion of the drive and the pole interferred.

Installed pole, wiring and security light for Edward A. Smith. North Bloomfield Twp.

Built slack span and one span of primary, installed transformer, entrance, etc. to serve the mobile home of Gerald Hatcher. Liberty Knox Co.

Installed service, pole and entrance to serve the mobile home of James F. Henderson. North Bloomfield Twp.

++

OUTAGES

Installed larger transformer to serve Jaggers and Styer, Franklin Twp. when transformer was tripped by added load.

Refused one transformer in bank at B. W. Rawlins, Wayne Twp. Knox Co. On two successive days because of a fault in a large motor.

Replaced entrance at the Floyd Dills when the old entrance caught fire and cause an outage at the barn. Congress Twp.

Replaced entrance at George Eckerts, Troy Twp. Morrow Co.

Installed larger transformer on outage at Vogels and Kauffmans. Troy Twp. Morrow Co.

Installed larger transformer on outage at G. K. Inks. Troy Twp. Richland Co.

Refused transformer at W. G. Wells, Perry Twp. Morrow Co. Outage caused by a squirrel.

Refused transformer at Richard Schultz, Franklin Twp. Caused by a bird.

Refused transformer at the William Weston Jr. and Sr. Harmony Twp. Outage caused by a squirrel.

Tightened connections on report of intermittant service at Carl Chapmans, Franklin Twp.

Removed coon from the line and refused cutout that controls the 1-15 line. Troy Twp. Richland Co.

++

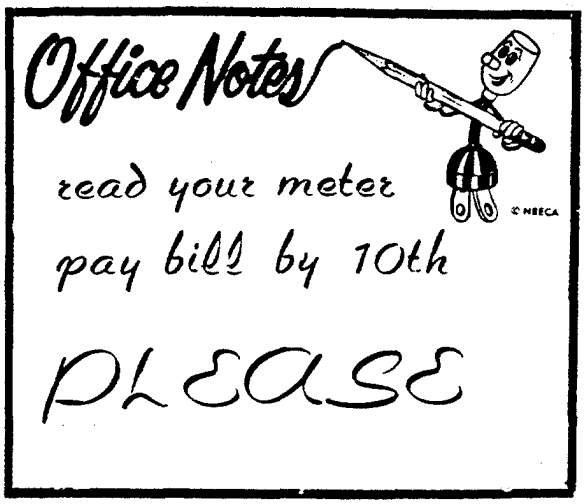
FOR SALE

Bridles, bits carts, halters, Sunbeam clippers, saddles, etc. 614-694-3395.

Wheat straw and reg. Pekingese. Lowell Baxter. 694-4304.

Electric bills--due on the 10th of the month. Morrow Electric Cooperative, Inc.

LIA01805



WHO GETS THE PIECES?

The Divided Dollar. Do you wonder how we divide our food store dollar--according to U. S. Deptartment of Agriculture statistics? You would find meats accounted for 20.4 percent of your food dollar in 1967. Poultry took 3.7 percent, fish for 1.6 percent, eggs for 1 percent and dairy products for 6.8 percent. Fruits and vegetables in both fresh and processed form won 17.7 cents of the sales dollar; cereal and bakery products 9.1 percent, foods such as frozen prepared products, baking needs, sugars, jams, and dressings made up 8.1 percent of sales. You may be surprised to know that supermarkets take in as much money from nonfood items as from their whole meat department.

****

MORE USES FOR SOYBEANS?

More uses for soybeans? The list keeps growing. About 105 million pounds of soybean protein products were used by U. S. food manufacturers in 1967. Baked goods accounted for almost half of the total volume. Over the past few years, commercial bakery use of soy protein has gone up 7 to 10 percent annually. One of the primary assets of the soy protein is the fact that it holds moisture in bakery products which helps keep them fresher longer. It's also used in meat products and various vegetable protein foods and beverages. The U. S. produces about 75 percent of the world's supply of soybeans.

****

PESTICIDE ACCIDENT PREVENTION

Only As Much As You Need. Consumers are often told to buy the "giant economy size" when buying toothpaste or soap. The U. S. Dept. of Agric. suggests that you reverse this in buying pesticides--buy only as much as you need for now. In the spring most homemakers increase their purchases of pesticides for home and garden use. Buying limited amounts will keep you from storing leftover pesticides--which is risky business. Each year hundreds of children are hospitalized after getting into pesticides their parents thought were safely stored away. So just buy enough to solve the problem at hand.

WANTED

Electric bills paid by the 10th of the month. Morrow Electric Cooperative, Inc.

Rubber tired wagon with or without hay rack. Robt. Rhodebeck, R. 2, Bellville. 362-2650.

Female mallard duck. Carl Robinson, R. 3, Mt. Gilead. 946-3102.

Rugs to weave. Mrs. Elsie E. Fischer. 768-2732.

Boy Scout uniform, size 18 or 20 or small mans size. Charles Denty, 253-2314.

Custom poultry dressing. Call evenings. Edna Hunter, Route 5, Mt. Vernon. 397-1911.

Old guns, swords, powder horns, war relics. James McClelland, R. 2, Fredericktown. 768-2604.

Standing timber. Paid before cut or hauled. C. J. Dailey. Chesterville 768-2380.

Hen peacock or will trade male for hen. 884-1668.

Someone to put out 63 acres on shares. Violet Spurck, R. 1, Mt. Gilead. 1 1/4 south of West Point.

Mounted plow & cult. for Case with eagle hitch. Donald Hite, R. 2, Mt. Vernon. 614-397-4595.

4x12 or 4x10 Maple syrup evaporator. Jennings Streby, 694-3246.

Twin beds. Chris Covert. 253-3928.

Bantam rooster, three hens and small hen house. Clarence Wood. 946-3127.

Chairs to recane, all kinds sewing. Mrs. Cora Davidson. R. 1, Marengo. 768-3341.

++

NOTICES

Water wells, pumps, septic systems and backhoe work. Blanton Supply, R. 2, Mt. Gilead. 946-7836.

Flowers for all occasions, vegetable an flower plants. South of Lexington on Rt. 42. 884-1703. Hunters.

Sewing machine repairs, adjustments, part, needles, all models. Russell Michael, Route 3, Cardington. 946-2199.

Electric bills--- due on the 10th of each month. Morrow Electric Cooperative, Inc.

++

FOR SALE

Strawberries, pick your own, wet or dry. 8 A. M. till dark. Starting about June 10. Between Green Valley Grange and Church. George McConnell. J. R. McConnell. 392-8711 or 392-3166.

White male Poodle. House broke, AKC papers. 3 Yr. old. Clarence Bunnell. 768-2328.

LIA01806

FOR SALE

12 Antique washing machines. Robt. Cochran, R. 1, Ashley. 747-3563.

Fender-Bassman amplifier with 2 15" speakers, Fender bass guitar. Marvin Barr, R. 8, Lex. 884-1087.

Nylon Lee carpet, rose beige, like new, 10'x12', 2 matching throw rugs, 3x7 & 3x5. Earl McCormick, 768-3322.

Plastic well pipe, 60ft. new, 1 1/4 - 1 1/2. 30¢ ft. J. E. Bont, Cardington. 864-3302.

11 Acres with basement home, mobile home & pole shed. 946-5140.

Timothy hay. Mark Eichorn. 362-3720.

60 L- 3-14 Int hydraulic pull type plow. Forest Noble. 768-3449.

Knisely seed corn & pr. white Pekin ducks. D. E. Hardin, R. 1, Marengo. 625-6137.

3 Starrett Micrometers, 0-1, 1-2, 2-3 inch. Excellent cond. Lufkin dial indicator & case. Robert Taylor, R. 3, Marengo. 253-2563.

JD 290 Corn planter, 3pt. H. Good condition. H. L. Hilton, R. 1, Marengo. 625-6773.

Clover honey. Rent or buy my bees & double your seed crop. L. Ray Proper, R. 1, Mt. Gilead. 946-5255

16 Book encyclopedia, large Webster dictionary, white prom dress. John Wintermute, R. 2, Galion. 468-2441.

Good bright Harasoy beans. 8¢ over market price. Mack Squires. 768-3400.

Wooded lots near Northmor School. Richard Riley. 946-4282.

2 Side loading milk coolers. 8 & 6 cans. Some milk cans. 886-2676 or 886-2572.

Custom made cherry cupboard, BN tractor, wig, hay, straw, antique spool bed, brooding equip. H. W. Prosser, R. 8, Lex. 362-2840.

Maytag wringer washer, A-1 cond. $50. Mrs. Clyde Hubbell. 625-5216 after 2:30 P. M.

Hay & straw. Lester Campbell, R. 2, Galion. 468-3583.

FOR SALE

Good hay & wheat straw, polled white face bull. Hobart Todd, R. 3, Mt. Gilead. 946-3191.

1965- S90 Honda. Nearly new. Carroll Throckmorton. 768-3132.

Wayne soybeans, 1 yr. from certified. $3.25 per bu. 3 miles east of Ashley on St. Rt. 229. Clifford Helton. 747-3519.

Reg. polled hereford cows with calves, heifers, breeding bulls. Robert W. Levering. 694-4446.

62 Ford Galaxie, auto. trans. $300. Kyle Russell, R. 2, Mt. Vernon. 397-1862.

Farmall M, recently overhauled. George Sautter, R. 2, Galion. 468-3631.

Wedding, birthday, anniversary, all occasion cakes. Mrs. Robt. Fritz, R. 3, Mt. Gilead. 946-5281.

Timothy seed, fireplace wood, loomed rugs, trucking stone, gravel, coal. Thomas Arndt. R. 1, Marengo. 253-3732.

Black Hawk corn planter. $25. Lester Spearman, R. 2, Mt. Vernon, 397-8361.

Heavy duty, 3 point adapter for Farmall fast hitch. Fritz Chase. 768-2465.

1963--80 CC Yamaha. $100. Harley Hart, Marengo. 253-3376.

For rent--8 room house with bath. Johnsville School near Waterford. Joseph Durieux, R. 3, Fredericktown. 694-5227.

Good clover hay. House for rent. 6 rooms. Mrs. Stanley Burr. Card.

Metal clothes cabinet, GE 40" range. Ralph Reed. 694-5224.

FOR SALE

2 oil heating stoves, one thermostat, one manual, 42,500 BTU., 200 gal. fuel tank, 7' steel posts, JD Model B with hyd. operated dozer blade. C. L. Wood, R. 3, Mt. Gilead. 946-3127.

All kinds hose, cards, Bibles, dress goods, Ladies shoes, 7B. Fred Emmart, R. 3, Marengo.

Stockshine Feed Lot equip, oilers, chutes, scales & pumps. Dwight Bare, R. 2, Fred. 694-4203.

Horse & pony racing harness. New & used carts, saddles & tack. Lloyd Higgins, Bloomfield Store. Centerburg. 625-6373.

30 Chimney blocks. Half price. Elvon Helmuth. 864-6363.

Mare pony with saddle & bridle. 5 gaited saddle horse, gelding. 2--10 gal. aquariums. Wm. LaRue, Route 8, Lexington. 468-7565.

Four Starline cow stanchions. Barnes jet deep well pump and tank. Jennings Streby. 694-3246

Reg. Shropshire yearling rams. Glenn High, R. 8, Lexington. 362-2626.

9x12 Axminster rug. Harold Winand, R. 3, Fredericktown. 694-2396.

Antique green glass jars, pts. & qts. Mrs. Robt. Shirk, R. 3, Card. 946-1180.

Piano accordion, music box, rototiller, Border collie dog. Glenn West, R. 8, Lexington.

2 Snow tires & tubes mounted on wheels, 650x16. Good for wagon. $20. Marshall Stevens, R. 2, Fred. 768-2887.

Wheat straw, Reg. Pekingese. Lowel Baxter. 694-4304.

Clip and mail to Co-op office with your monthly bill payment.
In the next Co-op paper please run the following ad.

FOR SALE_____

_____

WANTED_____

_____

NAME_____

ADDRESS_____ PHONE_____

LIA01807

Now! .... *the right*

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through **ONE-PLAN**

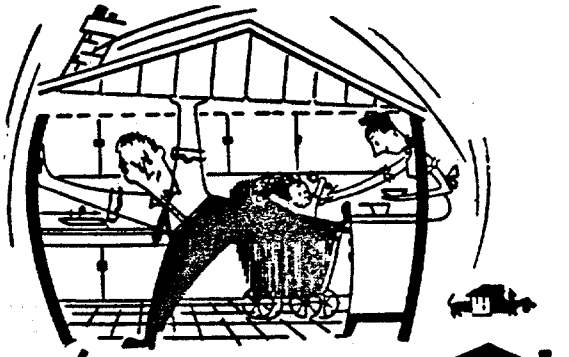
At a cost you can afford! Hospital—Surgical—Medical—Disability Income. Let me tell you more about it, call:

"Chet" Snyder Insurance Service

W. Marion Road — Mt. Gilead, O.
Next to Whetstone Lanes — Phone 946-1016

INSURANCE *by* NATIONWIDE

NATIONWIDE MUTUAL INSURANCE COMPANY • home office: Columbus, Ohio

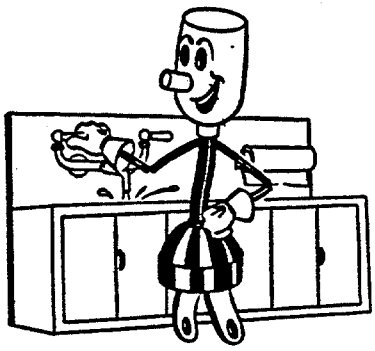


do you need more ROOM?

Use our combination doors for your new room and throughout your home. The "in thing". *White acrylic finish doors.*

Mt. Gilead Lumber Co.

Phone 946-5866 — Mt. Gilead, O.



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LIA01808 FDIC

WINNING THE WAR ON WASTE

In the beginning there was no problem. Man deposited waste upon the surface of the earth. Warmed by the sun, bacteria grew, multiplied, devoured the waste, leaving only organic ash.

With nature "in balance" there was no problem.

But man multiplied. Man cleared the forests, plowed the fields. Man burrowed into the earth for coal and ores. Man built factories, crisscrossed the land with broad highways, piled up huge concrete jungles called cities.

And the only thing that multiplied faster than man himself, was waste.

Waste—paper, chemical, metal, glass and garbage. Animal, mineral, vegetable—you name it; man makes it, uses it and discards it.

Cities slice available earth into open burial trenches for trash. Auto skeletons pile up in mountainous junkyard stocks.

Sludge from sewage plants has to be "put" somewhere. Wastes from manufacturing plants pollute our inland seas and waterways, even the ocean itself. Exhaust fumes fill the air. Even in rural Ohio there is some pollution everywhere—too many plugged septic tanks spewing raw sewage into open streams.

There are, however, hopeful signs. Today, concerned men are searching out ways to keep our natural environment in balance. For example, city-sized garbage plants that reduce waste materials to pellet-sized organic fertilizer are now on the market. The city of Milan, Italy has found a way to burn rubbish in power generating plants.

Electric powered autos, lawn tractors, etc. hold much promise for reducing air pollution. An Ohio manufacturer has invented a little electric gadget to introduce heat into home septic tanks. The added heat speeds growth of waste-devouring bacteria and in a sense replaces the sun that served our caveman ancestors so well.

One prognosticator is suggesting space trains to haul and dump our mountains of wastes into the craters of the moon. Who knows? One day young lovers may marvel at a bejeweled, many splendored moon, sparkling in the light reflected off a surface piled high with broken glass and empty beer cans.

Meanwhile, back on earth, perhaps the most hopeful sign of all is the rapid transition to electric power as man's ultimate energy source. In its use there are no fumes, no smoke, no residue, no precious oxygen consumed. You now live in the Electrical Age, and you use "wired" power as a matter of choice. We foresee the day when, to keep our planet habitable for man and beast, universal use of electrical energy may be mandatory.

Got a hard, messy job you'd like to wire up right now? Just give us a call or stop by the office anytime.

LIAC1F09

IT'S a WONDERFUL WORLD...

by Silvia Henken

APRIL 9–It went from oven to table; it was beautiful. The melted cheese and the red tomatoes made a lovely topping for the casserole in the silver holder. But the egg plant lurking underneath didn't taste worth a hoot. Next try, I'll fry.

APRIL 11–Most complex machine I've ever used is a dictaphone. "Key punch, computer, data processing, program." I never really know exactly what office-worker Phyllis is talking about. Then she says, "I'm going into systems work; won't that be challenging?" I agreed but secretly wished somebody would print a primer for lay-people like me. All I know about those things is that you can't tape, fold, cut, spindle or mutilate the cards!

APRIL 14–Mom gave me some pillow cases she had had in a cedar chest for 20 years and never needed or used. She asked, "Why do we keep things just for the sake of keeping them? Why do we save things?" Jack accuses me of being part pack-rat and keeping good things "back" for some vague time in the future. I've a long way to go before I wind up like the lady I saw using a regular cutting board on the top of her dishwasher...that top happened to be one big, lovely cutting board the lady wanted to "keep nice." To me, a worn, cut, scarred, marred cutting board is a badge of something. It seems to say proudly "I've been used!"

APRIL 18–I wondered, "Can you buy chocolate chips in bulk?" A five pound can of small semi-sweets in my pantry means the answer is yes. But I've never seen them in a supermarket. Got these through the baker at the local Christian Childrens' Home. Sometimes I think the housewives would like larger, more economical, "bulk" packaging and not so much of the small, convenient, expensive pack.

APRIL 23–Went to the farm and found Dad in the machine shed getting ready to repair something with a box-like thing he called an electric arc welder. Found Mom in the house and in the doldrums. She said it was one of those days when her good humor had completely deserted her; she felt taken for granted–seems no one needed her. "I think I'll join the Hospital Auxiliary and do some volunteer work."

APRIL 26–As we approached the railroad track just outside of town, I could see a train at least a mile away. I said "I guess I'll make it." Betsy exclaimed, "Ohh, Mommy, don't GUESS, you might be wrong." I told her I didn't really mean guess and then she went on..."What if the car gets longer as we go over the track? Or what if it gets wet and starts to grow?" Leaving the fantasy world, her final question was much more practical: "How do those red lights know when to start blinking?"

APRIL 30–"This better be worth it," I thought as I added a small package of chocolate instant pudding mix; four, yes four eggs; half a cup of Crisco Oil; and a cup of water to the package of Devil's Food Cake Mix in the mixer. Baked at 350 an hour in a 10-inch tube pan and we had an easy chocolate pound cake. I thought it was merely fair, but the girls gave it a good rating, which doesn't mean much. But they and Jack ate it all, which means everything.

MAY 3–I've read and heard it said that the lady of the house should get some funds besides the household kind. Some little money she can spend without rhyme or reason on some non-essential, even frivolous item. Falling in that category is this message banner I'd like for three and a half. On a piece of 9 x 18 (inches) felt, silk-screened in bright colors, is this Simon and Garfunkel quote: "Let the morning time drop all its petals on me. Life, I love you...all is groovy."

MAY 7–We must always be "persons" first...then we can be women, wives, mothers, homemakers, career women, etc. Always in the background is this individual me with my own thoughts, ideas and interests, but right now I feel more mother-like than usual. Three days ago we had a new child and, after two daughters, it came as quite a surprise to have a seven-pound boy. But, male or female, those new little people take time with the parade of formula, orange juice, water and diapers, diapers, diapers.

Sh-h-h, Don't Tell

A mystery of the ages has been solved!

Sponge, or "spring mushrooms" as you can see are found where May apples grow.

The mushroom grew to succulent plate-filling size in a May apple patch down across the creek along the road that leads to the abandoned orchard on the old _____ place.

You didn't think we'd tell you *exactly* where, did you?

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LIA01810

She's a Whiz with a Freezer

By PAULINE HALL
Extension Nutritionist,
Ohio Cooperative Extension Service

A busy Fulton County high school junior has found time, to use the family home freezer to preserve a variety of fruits, vegetables, jams and baked foods during the past four years in her 4-H food preservation projects.

She is Mary Ann Weber, 17, daughter of Mr. and Mrs. Harold Weber of R. 1, Fayette, O.

Mary Ann knows her frozen fruits and vegetables have family eye and taste appeal when she follows certain important steps in preparing them for the electric freezer. The keys to success in freezing, Mary Ann says, are these:

1. Select only high quality fruits and vegetables for freezer storage. Certain varieties planted in the Weber family garden are selected specifically for freezing, because not all varieties freeze well.

2. Freeze foods at the prime stage of maturity, which also is usually the best time for table use. Garden plantings of beans and peas are scheduled so that all do not mature at one time.

3. Sanitation in handling foods for the freezer is essential. Clean work habits, clean equipment, including packages, and thoroughly washed produce make safe frozen foods possible. Freezing does not kill many spoilage micro-organisms; it merely slows down the rate of growth.

4. Freeze fruits and vegetables soon after harvest. Freshness in the raw product is essential for good flavor, color and texture in the frozen food.

5. Blanch all vegetables before freezing according to reliable recommendations to check enzyme activity. Steam blanching is preferred to water blanching for most vegetables, particularly in hard water areas.

6. Thorough, rapid cooling of

Mary Ann Weber displays well labeled foods she has frozen.

Everyone's all smiles as Mary Ann's frozen cherry de[illegible] roll passes Dad's taste test.

LIAC1811

blanched vegetables in ice water avoids overcooking.

7. Pack fruits in dry sugar or syrup for maximum retention of color and texture. Mary Ann has used non-nutritive sweeteners on frozen fruits and in frozen jams for her mother's diabetic diet.

8. Use ascorbic acid in syrup for peaches to avoid browning due to oxidation.

9. Pack fruits and vegetables in clean, moisture-vaporproof containers designed for storing frozen foods. Use plastic bags and boxes, heavy duty foil, glass jars or heat sealable films. Milk cartons and coffee cans are not recommended.

10. Label packages clearly with date and type of food. Freeze promptly.

11. Store foods at 0 degrees F. Mary Ann uses a thermometer to check the temperature in the home freezer.

One reference Mary Ann has found useful in preparing special foods for the freezer is Bulletin 369, "Freezing and Using Vegetables, Fruits and Prepared Foods". It is available on request from any county office of the Ohio Cooperative Extension Service or at 2120 Fyffe Rd., Columbus, O. 43210. This publication describes the best Ohio varieties of fruits and vegetables grown for freezing and gives specific recommendations for blanching vegetables and preparing syrups for freezing fruits.

Mary Ann enjoys using the frozen fruits in special foods for the family. Especially flavorful is a roll made using some of the cherries she freezes. Fruit cakes Mary Ann froze were shared last Christmas with men in the armed services and with local senior citizens who are physically limited.

In 1968 Mary Ann Weber received the Ohio 4-H Club award for food preservation at the Ohio State Fair. During this school year she continues her interest in food preservation in a special school science project in which she has experimented with sugarless jellies for diabetic and low calorie diets.

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Pattern Parade

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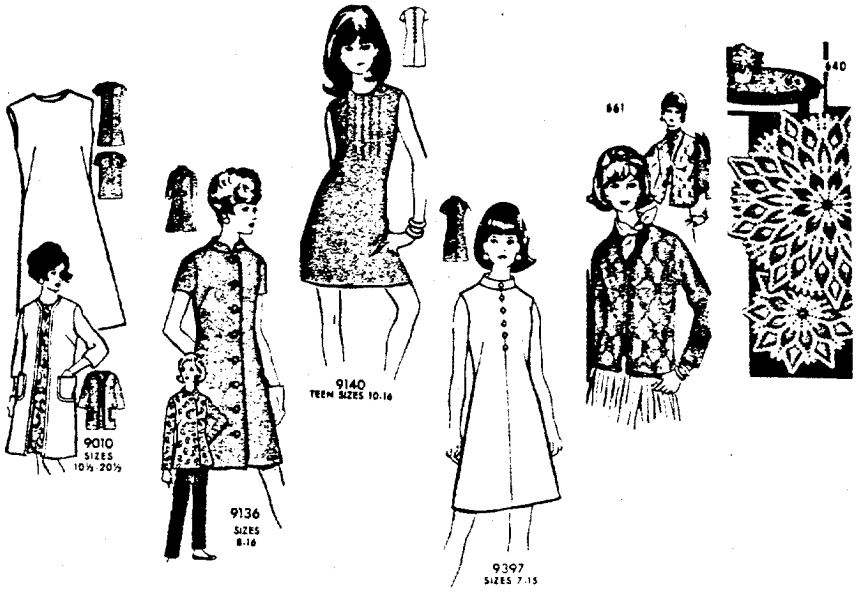

SIXTY FIVE CENTS in coins for each dress pattern — add 15 cents for each pattern for first-class mailing and special handling. Send to Country Living Magazine, Pattern Dept., Box 42, Old Chelsea Station, New York, N.Y. 10011. Print NAME, ADDRESS with ZIP, SIZE and STYLE NUMBER.

FIFTY CENTS in coins for needlecraft patterns — add 15 cents for each pattern for first-class mailing and special handling. Send to Country Living Magazine, Needlecraft Dept., Box 162, Old Chelsea Station, New York, N.Y. 10011. Print NAME, ADDRESS, ZIP, PATTERN NUMBER.

9010—Get the most fashion mileage all seasons from this quick-sew trio. No waist seams to dress (just 3 main parts). Bind off coat or jacket. Printed Pattern 9010: NEW Half Sizes 10½, 12½, 14½, 16½, 18½, 20½. Size 14½ (bust 37) dress 2 5/8 yds. 35-in.

9136—Regal maharajah coat dress or tunic and pants—fabulous in Eastern prints, opulent in brocade, subtle in blends. Printed Pattern 9136: NEW Misses' Sizes 8, 10, 12, 14, 16. Size 12 (bust 34) dress takes 2½ yds. 45-in.

9140—Tucks are the dainty, delicate, old-world touch that fashion-minded teens adore. Printed Pattern 9140: NEW Teen Sizes 10, 12, 14, 16. Size 12 (bust 32) takes 2 3/8 yds. 35-in.

9397—This supple quick-sew skim with a high throatband and dart shaping is the newest in fashion news. Send now! Printed Pattern 9397: NEW Jr. Miss Sizes 7, 9, 11, 13, 15. Size 11 (bust 33½) takes 2¼ yds. 35-in.

661—Breeze right through summer in this outstanding jacket. Knit with or without sleeves in handsome design of openwork plus cables. Pattern 661: sizes 14-44 included.

640—Add luxury to your home with pineapple doilies that dramatize glass, china. Use these snowflake doilies for centerpiece and place mats or individually. Pattern 640: crochet directions, doilies 21" and 12½" in No. 30 cotton.

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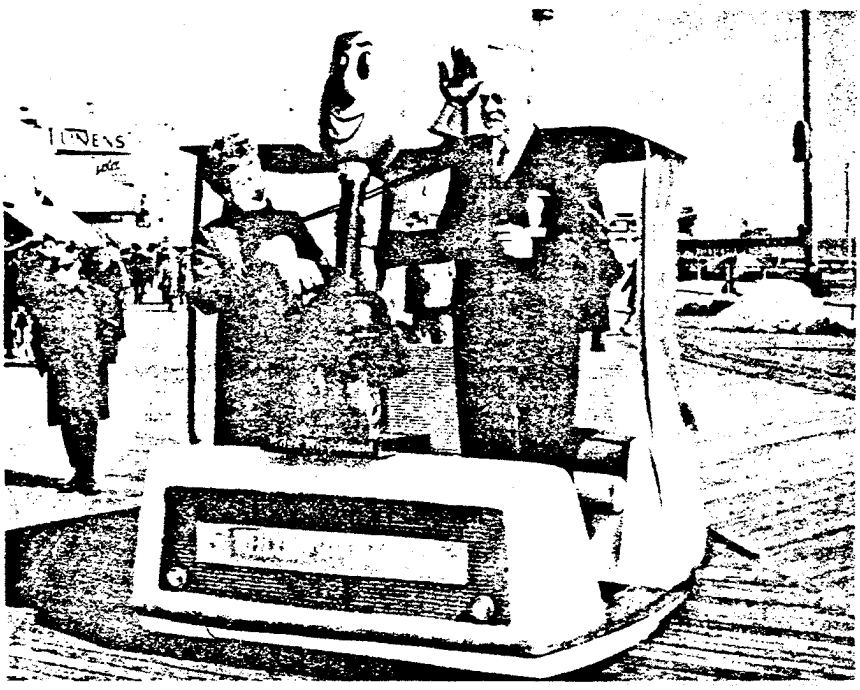
Cooperation = PROGRESS

27th ANNUAL MEETING

NATIONAL RURAL ELECTRIC
COOPERATIVE ASSOCIATION

Sen. Edward M. Kennedy was one of several national figures who came to encourage 7,000 delegates in their work of providing reliable, abundant electric power for rural America.

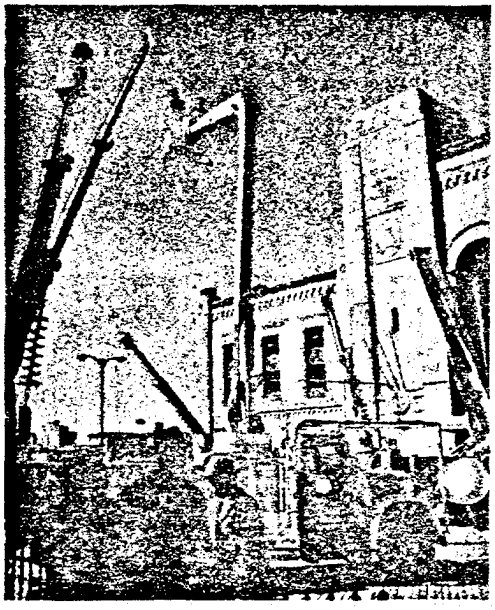
a camera report from Atlantic City, March 16-20, 1969



Of course Willie Wiredhand "made the scene",too, on the boardwalk of Atlantic City. Here he rides in an electric cart with Beryl Weathers and NRECA President T. W. Hunter.

Mr. and Mrs. Donald Dewald, R. 5, Tiffin, O., (center) were among young couples from all over the nation who were invited to observe the Annual Meeting. The Dewalds are members of North Central Co-op.

A gigantic hall, half filled with displays, spilled out onto the boardwalk where these aerial-lift trucks were shown.



Much of the Annual Meeting's work is summed up in the stack of resolutions examined here by George Scarberry of South Central Power Co.

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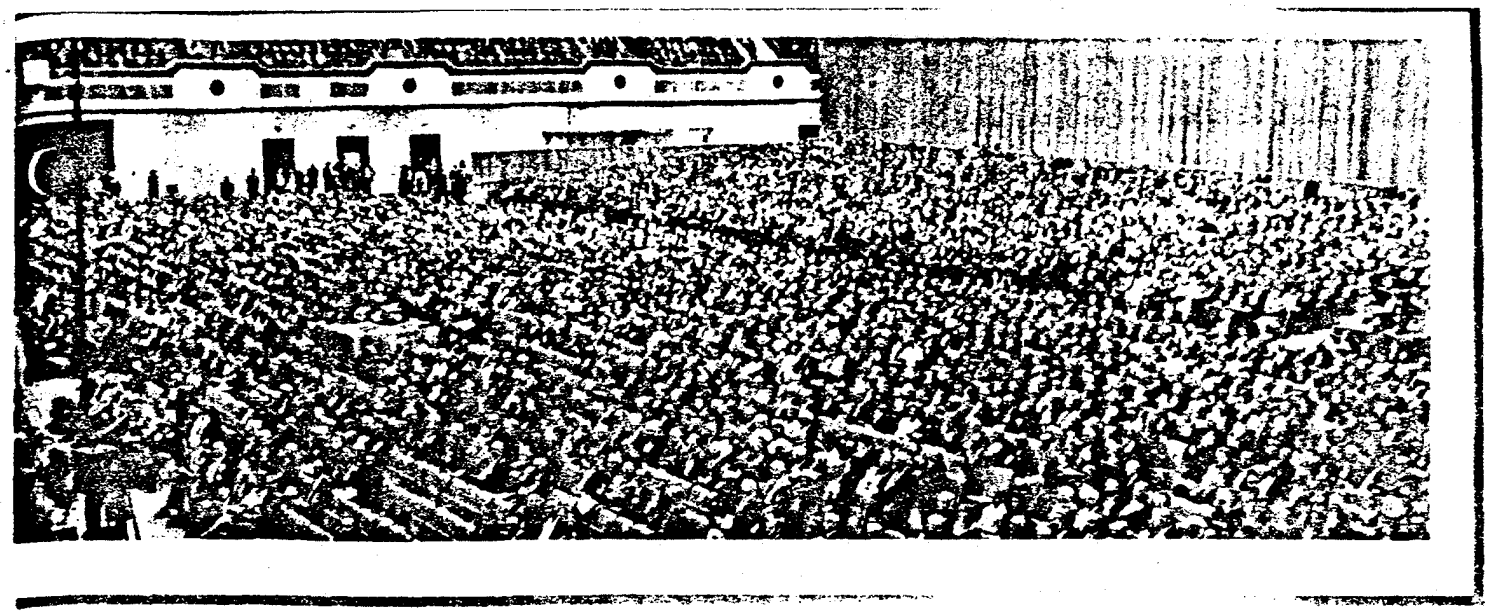

(Above) Buckeye Power President Owen Manning of Coshocton (L.) chats with new REA Administrator David Hamil. (Pictured right) Kentucky Statewide Manager J. K. Smith, chairman of the NRECA Long-Range Study Committee, announced a new Co-op self-financing plan. (See Page 2.)

Photos by MARCUS T. ORR
and HOWARD CLAPPER

Lyle McCormick (center) of New Concord was named chairman of NRECA's Management Advisory Committee.

(Above) Texan Jack Crownover takes his 10-gallon hat off to delegates from what is now our biggest state—Alaska. William Hensley (center) an Eskimo, and Mrs. Diana Carpenter are officials of Alaska Village Electric Co-op.

(Below, left) Robert D. Partridge, NRECA general manager, greets some 250 Ohioans at a breakfast arranged by Nationwide.

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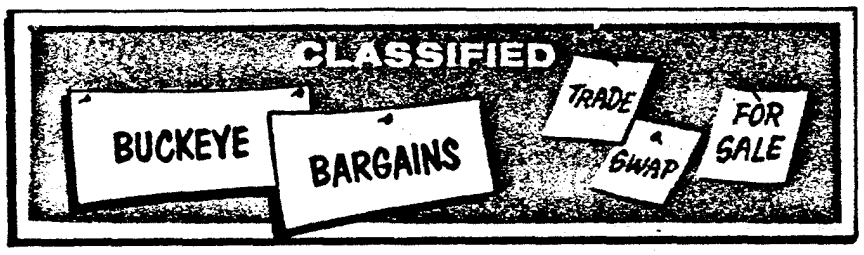

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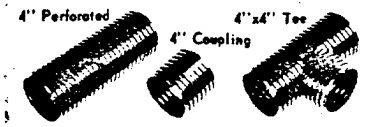

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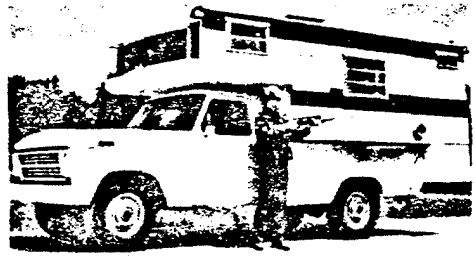

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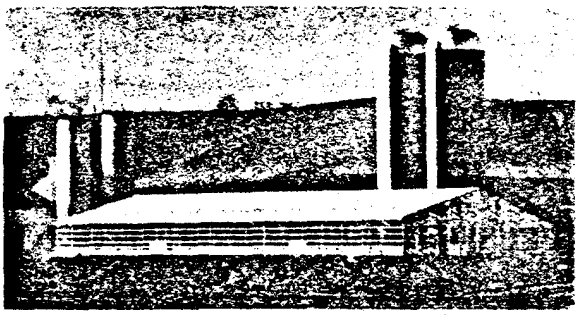

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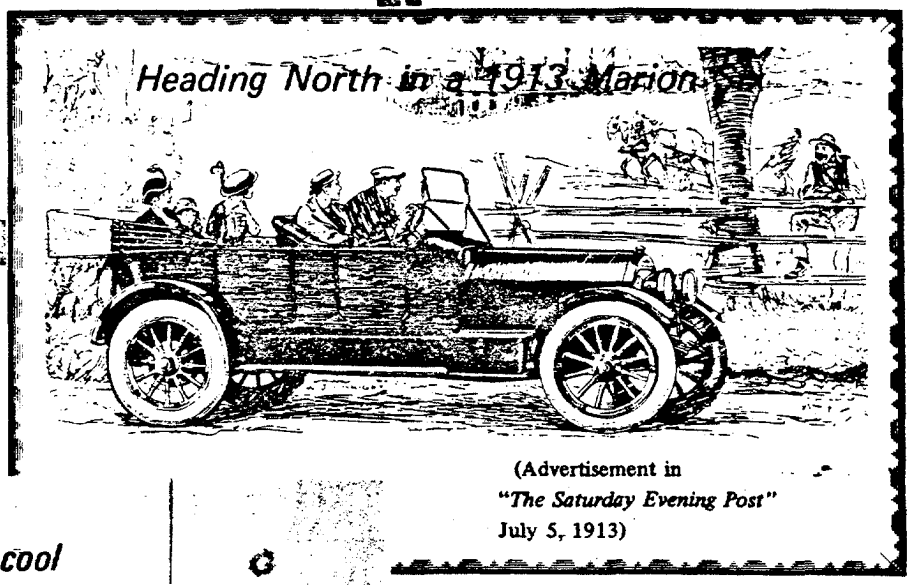

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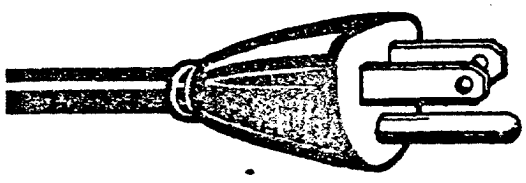

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