

Illinois
R.E.N.
RURAL ELECTRIC NEWS

June, 1973



National News Notes

Hamil
promises
full use
of S. 394

■ According to a USDA news release, David A. Hamil, administrator of the Rural Electrification Administration, has pledged prompt and full use of the authorities provided in new legislation (S. 394) amending the Rural Electrification Act of 1936.

The legislation, signed into law on May 11, 1973 by President Nixon, amends the RE Act of 1936 to establish a Rural Electrification and Telephone Revolving Fund as a source of insured and guaranteed loans. The majority of loans made under the new law will be made at five per cent interest, but it permits the REA administrator to make two per cent loans under special circumstances. REA will continue making loans concurrently with the National Rural Utilities Cooperative Finance Corporation (CFC) and other lenders.

"We now have a broader foundation for the basic financing of rural electric and telephone needs," Hamil said. "The electric and telephone loan programs have been transferred out of the Federal budget to a fund which can utilize private financing to meet the growing demands of rural America for modern electric and telephone service."

So far this fiscal year, REA has approved 401 electric loans totaling \$458,802,000 exceeding the previous record of \$449.3 million set in fiscal 1949. REA is authorized to lend an additional \$159,198,000 by June 30 in the electric program. During this fiscal year, 79 telephone loans have totaled \$105,305,000. REA expects to make full use of the remaining \$39,695,000 in its 1973 telephone loan authority by June 30.

1972 rates
increased
\$608 million

■ Electric utilities increased their rates by \$607,959,000 during 1972, according to reports received by the Federal Power Commission (FPC) which said that the average weighted increase for the year was about six per cent.

Under FPC procedures, electric utilities which serve in communities of 2,500 or more population are required to report all changes in their retail rates within 60 days.

Thirty of the 50 utilities reporting increases during the final quarter were investor-owned companies which increased their rates by an aggregate of \$148,104,000 annually. Eight municipal systems reported increases of about \$3,892,000 and 12 electric cooperatives showed increases of \$2,181,000.

RURAL ELECTRIC NEWS

Vol. 31, No. 2

June, 1973

Published by
Association of Illinois Electric
Cooperatives

RON JENKINS
Editor

RICHARD D. HANEY
Associate Editor

CONTENTS

ARTICLES

Landmark REA Bill	4 & 5
Water for Southern Illinois	6 & 7
A Look at the YFO	8
Keeping Cool	9
Youth to Springfield	11
Foreign Visitors	17

FEATURES

What's New?	14
Smile Awhile	16
Dairy Winners	18 & 19
How to Buy Air Conditioners	20
Control Slugs & Snails	21
Rural Exchange	22
Patterns	23

COVER—Several leaders of Illinois electric cooperatives gathered on Capitol Hill recently to participate in a national rural electrification rally. Eastern Illinois Power Cooperative, Paxton, was represented by, from left, Manager Dennis L. Tachick, Vice-President Jack D. Ludwig and Public Affairs Director Ken Decker.

ILLINOIS R.E.N. RURAL ELECTRIC NEWS is the official monthly publication of the Association of Illinois Electric Cooperatives, U.S. Route 66 & Hoecheater Road, Springfield, Illinois 62708.

Subscription price \$2.00 per year. Advertising and editorial inquiries should be directed to the Illinois Rural Electric News, P.O. Box 3787, Springfield, Illinois 62708. National advertising representative: Southwest Doilies, 360 N. Michigan Ave., Chicago Illinois. Member, Illinois Press Association.

POSTMASTER: in using Form 3579, address to Illinois Rural Electric News, P.O. Box 3787, Springfield, Illinois 62708.

Second Class postage paid at Springfield, Illinois and at additional mailing offices.

JUNE, 1973

It wasn't much of a ceremony.

Only President Nixon, Secretary of Agriculture Earl Butz, REA Administrator David Hamil and Assistant Secretary of Agriculture William Erwin were on hand.

But at exactly 3:45 p.m. on May 11, President Nixon signed his name to a bill that will determine the future of the electric cooperative movement.

You probably didn't see it on the front page of your newspaper or hear it on the evening news. But for those who know how important the rural electrification program is to rural America, it was considered a piece of landmark legislation.

It's now called Public Law 93-32. It establishes a revolving fund for the making of insured rural electric and telephone loans. It removes all but a very small part of the rural electrification program out from under the federal budget. And it allows electric cooperative leaders to get back to their main job of planning to meet the future electrical energy demands of rural America.

The bill was necessary because on December 29, 1972, by a simple two page USDA press release, President Nixon terminated the 37-year direct loan program of the Rural Electrification Administration, impounded \$637 million in appropriated loan funds and announced a program of insured and guaranteed loans under the newly established Rural Development Act.

"We hope we have ended this dismal period of dilly dallying with our future by the Administration," Robert D. Partridge, general manager of the National Rural Electric Cooperative Association, said.

"Now it appears, unless something unforeseen occurs, that we will have a workable program once again; that it will be under the auspices of the Rural Electrification Administration, where it belongs; and that Congress and not the White House Office of Management and Budget will set the program loan levels."

As we have said for the last three months in this space, we owe our friends in Congress from both sides of the aisle an enormous debt of gratitude.

Although the new loan program is not as good a program as the old one that served America so well for nearly four decades, it is a heck of a lot better than what we had under the Rural Development Act.

According to a USDA press release, Administrator Hamil pledges full use of the new loan program. And believe you me, we are strong believers in the validity of USDA press releases after the one we got on Dec. 29, 1972.

Oh, by the way, May 11 was the 38th birthday of the REA. Happy Birthday REA!!!



Senator Charles H. Percy



Senator Adlai E. Stevenson

Landmark REA Legislation Passed

by Richard D. Haney

Congressman Edward R. Madigan of Lincoln, left, visits with representatives of Champaign-based Illini Electric Cooperative: Manager Walter R. Smith and Director C. V. "Vic" Swanson of Paxton.



May 11, 1973 set a new legislative landmark for America's rural electrification program. And it wasn't because it just happened to be the 38th anniversary of the Rural Electrification Administration (REA). Instead it was because of the fruition of compromise legislation S. 394—the fourth major piece of legislation in REA's history.

Several representatives from Illinois electric cooperatives were on Capitol Hill during the week of the historic event. They had joined forces with nearly 700 rural electric leaders from throughout the nation to participate in one of the largest and most important legislative rallies ever conducted by rural electric systems.

But this time the rally was more than establishing the need for adequate REA funding: it was a matter of preserving a workable REA program that had served rural America so well for nearly four decades.

The embryogeny of the new legislation started shortly after the Nixon Administration announced in a news release on December 29, 1972 that the REA direct loan program had been terminated. Without consultation with Congress, the Administration had placed the REA program under the Rural Develop-

ment Act of 1972 with provisions which seriously curtailed REA functions. In fact, no REA loans were advanced to borrowers until April.

In a House debate for legislation aimed toward restoring the REA program as set forth in H.R. 5683 introduced by Representative Frank Denholm of South Dakota, Representative W. R. Poage of Texas, chairman of the House Agriculture Committee, said:

"This very questionable and deplorable exercise of Executive power (to terminate the REA direct loan program) took the form of a simple two-page news release . . . I read about it in my hometown newspaper during adjournment, as I'm sure many of the Members did."

With similar sentiments in the hearts and minds of other legislators on both sides of the aisle, the REA issue gathered steam. The compromising continued as the Administration tried to work out differences with the Senate-House conferees.

Finally on May 8, 1973, the conferees received written commitments, approved by the Office of Budget and Management, in a letter from Secretary of Agriculture Earl L. Butz.

On May 9, S. 394 cleared the Senate with a vote of 93-3 and passed the House on May 10, 363-25. President Nixon signed the new measure on May 11.

The letter from Butz pointed out that in each of the next three years, the Administration would request and lend not less than the amount of the Administration's budget request for fiscal 1974 for the REA electric and telephone loan program. That request was \$618 million for the electric insured loan program.

Of the \$618 million in annual insured electric loan authority, no less than \$80 million will be requested and loaned at the special two percent rate with the remaining \$538 million to be loaned at five percent.

The letter's contents also assured that the program level for the guaranteed loan program would be set annually by the Congress and that there would be no fee charged by the Federal government for guarantees in such loans.

All loans would be made by REA under the provisions of the Denholm bill as posed by the House.

"Although the new program is not as good as the one that we had," commented Thomas H. Moore, general manager, Association of Illinois Electric Cooperatives, Springfield, "it does represent a victory for rural electrification for the next three years with definite provisions established."

Moore pointed out that even though the new REA bill creates a revolving fund with unlimited borrowing authority for the making of insured rural electric and telephone loans, very few electric cooperatives would be eligible for two percent financing. All 27 electric distribution cooperatives in Illinois would be required to pay the five percent interest rate.

To qualify for two percent financing, an electric cooperative would have to have an average subscriber density of two or fewer per mile or an average gross



Congressman George E. Shipley of Olney, left, talks with Willard Bannon of Grayville. Bannon is secretary of Wayne-White Counties Electric Cooperative, Fairfield.

revenue of at least \$450 below the average for electric borrowers.

On the "sole discretion of the REA Administrator," cooperatives could borrow two percent monies if they had experienced extenuating circumstances or severe hardship; could not produce net income before interest of at least 150 percent of its total interest requirements and still meet the objectives of the Act; or, could not without an excessive rate increase, provide service consistent with the Act.

Albert J. Cross, AIEC's director of legal and public affairs, said that the legislative rally was one of the best. "Not only did our national association," Cross commented, "do a fine job in orientation on what had happened and what was taking place, but the legislators were receptive, courteous and concerned about our needs. The Illinois delegation worked hard to let our thoughts be known."

The Illinois delegation prepares for the rally.

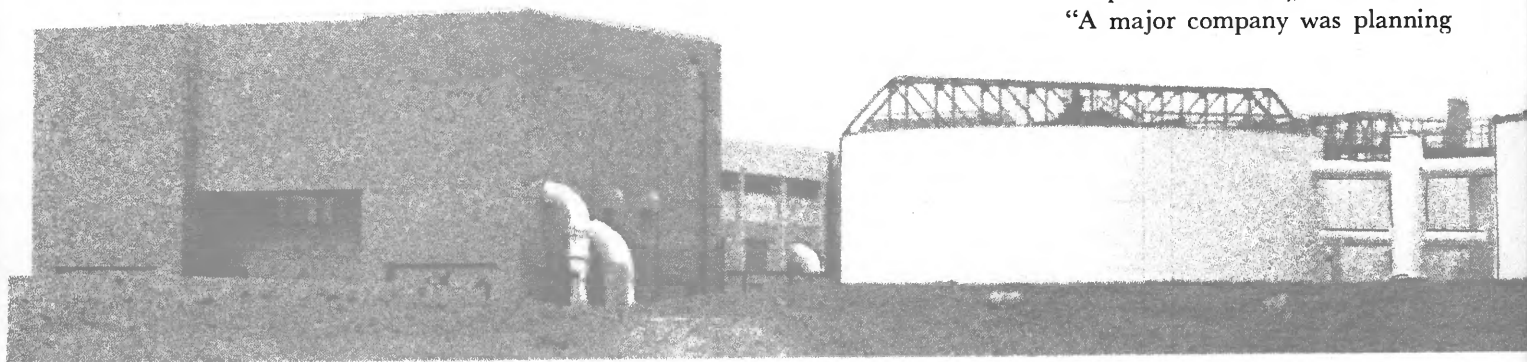


Water for Rural Southern Illinois

by Ron Jenkins



ABOVE: Huge pipes—called the filter pipe gallery—pumps water to and from filtering tanks at the Rend Lake water treatment plant. BELOW: A posterization of the Rend Lake Intra-City Water District plant. FAR RIGHT: Hopefully, water towers like this one will someday be sprouting up throughout Southern Illinois.



For years, water—its availability or the lack the of it—has been a deciding factor on whether a rural area grows and prospers or slowly dies.

And nowhere in the state is this problem more prevalent than in Southern Illinois.

Even though the area is located between two of the nation's great rivers and criss-crossed by rivers and creeks, ground water is scarce. Every summer, worried rural residents have had to ask: "Will the water hold out this year?"

Hopefully, this complexing problem will soon be solved.

The answer will come from people. People cooperating together to provide their area with rural water systems that it so desperately needs.

"The formation of rural water systems is similar to the building of electric cooperatives," Otis Hickey, public relations superintendent for Southeastern Illinois Electric Co-operative, Inc., Eldorado, said.

"When in the late 1930's the rural people of Southern Illinois needed electricity they joined together to provide that service. Today the same thing is happening, only it's for water."

Southeastern Electric is very interested in the development of rural water systems. They know with the development of a dependable water supply, the area the cooperative serves will indeed grow and prosper. And as the area grows, so does the cooperative.

Southeastern became acutely aware of how important water supply is to the growth of an underdeveloped area a few years back.

"A major company was planning

to locate a fairly good size plant in our area but withdrew the proposition when it found out about the inadequate water supply," but Hickey explained. "That was a shame too, a lot of good jobs went down the drain for our people."

Although most of the time and effort will come from the community, most of the money will have to come from the government. The local resident, with a low tax base, can help, but can by no means shoulder the entire financial burden.

The majority of funds will come from the Farmers Home Administration (FHA). FHA can loan or grant financial assistance for constructing or improving domestic water or waste disposal facilities. Loans or development grants are authorized only when credit from other sources at reasonable rates and terms is not available.

Projects financed by Farmers Home Administration are local projects. The local governing body—similar to an electric cooperative's board of directors—plans the project, makes the decisions, borrows the funds, builds the facility, operates it and repays its obligations.

The local governing board will contact potential users before the loan is applied for. Each so-called "planned-user" will pay \$50 to \$100—depending on local economic conditions—for hook-up privileges.

The consumer is responsible for the plumbing from his property line to the main water line which can be costly. Apparently, residents think it is well worth the cost.

"FHA loans have recently been granted to the Village of Macedonia Water System, Gallatin White Water District, Inc., and Millstone Water

Districts in our area," Hickey said. "These three systems alone will supply water to nearly 2,000 families and businesses."

Most of the rural water systems will have to buy their water from wholesale water dealers. Although some deep well systems will be used, the majority will come from surface impoundments.

The largest surface impoundment water supply in Southern Illinois is Rend Lake.

"Our outcome of the years of studying, planning and building of Rend Lake is its inter-city water supply systems," Don Gibson, superintendent of the Rend Lake Inter-City Water District, said. Their gigantic water treatment plant on the shore of Rend Lake is served by Southeastern Electric Cooperative.

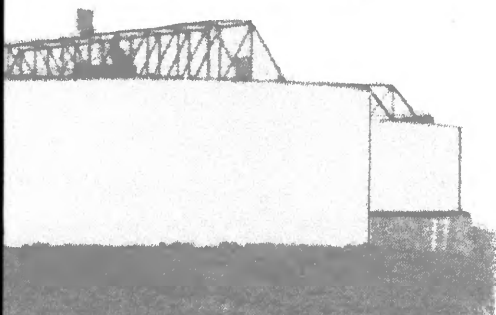
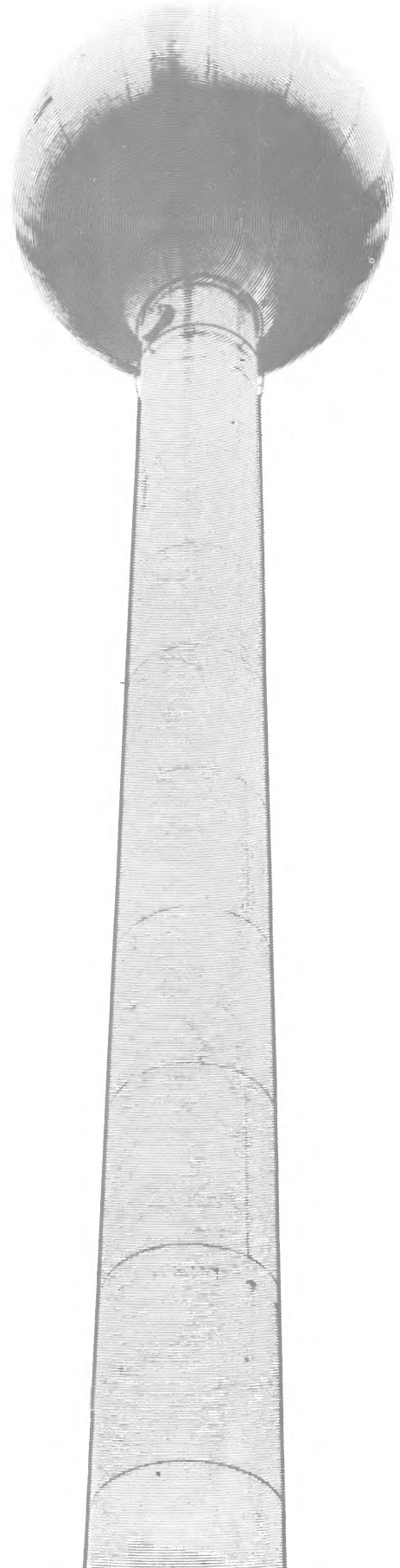
"We're in the wholesale water business," Gibson added. "More than 136 miles of pipe lines carry water to contracting communities where it is metered. Rural customers who have formed water districts can also buy from us if they are on our lines."

The system began operation in 1971. Treated water from Rend Lake now flows to 42 communities and rural customers in a five-county area. Rural residents use to have to haul about 30 million gallons of water yearly to replenish their wells.

Now that the lake is full, the plant can treat 18 million gallons a day. In the case of emergency, three additional reservoirs around Mt. Vernon can provide another 20 million gallons.

Two decades ago Southern Illinois was a shell of the prosperous mining area it was in the 1920's. Year after year the population migrated away from the slowly disintegrating economy. Mines closed, businesses moved away, railroad roundhouses and car shops shut down, and towns became ghosts of their former prosperity.

But that is all changing now. And many say it's because of a more dependable water supply.



A Look At YFO Groups

A new young people's movement started in Illinois about a year ago. And its popularity among rural young people between the ages of 18 and 39 is growing in leaps and bounds.

When the Illinois Young Farmers Organization (YFO) groups were formed it wasn't so much a matter of "How are you going to keep them down on the farm." They were already committed to their vocation. The YFO was organized for the purpose of providing a continuing education program on modern farming technology and the exchanging of ideas from practical experience.

Prior to the organization of YFO, a survey of 60 rural communities indicated that a total of 3,500 young farmers and wives were actively engaged in farming. And during the past year, active YFO groups—to name a few—have been launched in Sycamore, Mt. Carroll, St. Elmo, Ridge Farm, Dahlgren, Highland, Elkhart and Norris City.

The enthusiasm and interest has been remarkably high among YFO members. Just listen to the following comments of a few members and you'll understand why.

Gary and Sandy Yard of Williamsville and Mark and Marcia May of Elkhart are leaders of the Elkhart Community YFO in Logan County. Gary is president; Mark is vice-president; Marcia is reporter. Both families are members of Menard Electric Cooperative, Petersburg. The Yards farm 710 acres on a lease operation and the Mays farm about 800 acres on a crop share basis with Mark's father. Marcia, by the way, is a Chicagoan turned farmwife.

Jim West and Steve West of Norris City are brothers who farm



Mark and Marcia May, left, and Gary and Sandy Yard are leaders of the Elkhart Community Young Farmers Organization.

nearly 2,500 acres in partnership with their father, Russell, in White County. The Wests are members of Fairfield-based Wayne-White Counties Electric Cooperative.

Mark: "Today's tastes are different and there isn't the same association among farm people as there was with the older generation. The YFO brings young farm families together to discuss similar interests and to exchange farm management ideas."

Gary: "The YFO is set up in a way to avoid conflicting with the objectives of other farm organizations. The emphasis in YFO is placed on extended education in improving farming skills through new technology."

Marcia: "Being a Chicago resident and having to adapt to farm life has been quite a change. I find that the YFO fulfills a social function for young people in our age group."

Sandy: "Because YFO members

have children attending the same schools, group meetings also provide an opportunity not only for farming, but also for family-related discussions and involvement in community affairs."

Jim: "Many of our members are single so we've limited our meetings to strictly an educational program followed by group discussions. Eventually, as our membership grows, we'll turn to family-type meetings."

Steve: "The exchanging of new ideas creates a desire to attend the meetings. You feel that if you don't, maybe there will be some important item that you'll miss which may be helpful. This summer we're planning on-the-farm tours to see how members are operating their farms."

Although various YFO groups are scattered throughout the state, as well as the nation, members have one thing in common: they're active young farmers who are striving to maintain a national heritage, agriculture.

How to Keep Cool With Electricity And Keep Your Cooling Costs Down

We all should be concerned about using electricity wisely. The following is some helpful hints for this summer prepared by the Extension Division, Virginia Polytechnic Institute and State University—The Editors.

If your home has air conditioning, here are a few ways you can help keep your bills down without losing any of the cooling benefits.

Blinds—Keep the hot sun out. Draw your blinds, shades or draperies during the day, particularly on the sunny side of your home. Light-colored draperies will reflect more heat back to the outside than dark ones.

Insulation—Insulate your home. Even if you can't get into the side walls, extra insulation in your attic will not only keep you cooler in the summer but also warmer in the winter.

Air—Take advantage of cooler air. When the outside temperature drops below the temperature inside your home—as in the evening—open your windows to let the inside heat escape.

Attics—Install an attic vent fan. The temperature in your attic can reach 140-160 degrees on a hot day. A small attic vent fan will exhaust the heat and keep it from radiating downward through your home.

Heat—Don't add extra heat. Cut down on heat-producing uses inside the home, such as unnecessary cooking, ironing, lights, television sets, and radios that are on but not being used or watched.

Cooling—Don't overcool. A five degree change in your thermostat setting can mean a substantial decrease in your operating costs. Raise your setting to 76 degrees or 78 de-

grees as recommended by most air conditioning specialists.

Don't try to cool the great outdoors. When air conditioners are on, keep windows closed. Check for cracks around window units. Keep outside door openings and closings to a minimum.

Temperature—If you are a working family or plan to be away all day, raise the thermostat setting on your air conditioner by five degrees when you leave. It should only take a few minutes to bring the temperature back down when you return, and you will save on operating costs.

Care—Have your central cooling unit serviced each year. An air conditioner that is out of adjustment can increase your operating costs while giving you very little cooling. Don't let shrubbery, grass, or grass clippings reduce the flow of air over the outside condensing coils of your central unit or the outside-the-house portion of your window unit. The heat removed from your house will not be able to escape from the condenser.



World's Fastest, Easiest Fencing!

tep-POSTS 66" PLASTIC LINE POSTS

New 72" Line Posts, Heavier & Larger

- Strong, Durable, Attractive
- Non-Conductive, Non-Corrosive
- Drive-In Easily with Tepco Driver
- No Digging, Setting, Filling

Build your fences the easy way with TEPCO Line Posts—just like hundreds of ranchers and farmers throughout the nation are doing. Tep-Posts are strong, light weight and durable. Easy to carry in quantity. Weighted steel driver is necessary to drive in the Tepco posts. Wire clip fasteners and postdriver furnished at nominal costs.

Get literature on line fence posts and

48" electric posts

See your dealer or contact us

Write or Call 405 424-2222

(TEPCO, INC.)

THOMAS EXTRUDED PLASTICS CO., INC.
P.O. Box 145, Oklahoma City, Okla. 73101

Cut off the electricity and your life can be drastically affected for several hours.



Cut off your earning power and your life can be drastically affected for years.

Like electricity, good health is something we often take for granted. But just as lightning can suddenly cut off the electrical power, disability can just as quickly cut off your earnings. At a time when medical bills are added to the cost of everyday living, the loss of your income can be especially serious.

Your Disability Income Protection Plan can help see to it that you will have money to live on when you are unable to work because of a covered illness or injury. Underwritten by Mutual of Omaha, this plan can pay you from \$100 to \$800 a month depending upon the plan you choose and qualify for. These are tax-free benefits to help replace your paycheck. You use it on your family's needs as you see fit.

For more information regarding this Disability Income Protection Plan, just mail in the coupon below. Or contact your local Mutual of Omaha representative.



L. Earl Cutler
7600 West Main Street • P.O. Box 965
Belleville, Illinois 62223
Phone: (618) 398-1950

S. B. Stottrup
111 East Decatur • Decatur, Illinois 62525
Phone: (217) 429-5495

A. H. Harris
1119 South Sixth Street
Springfield, Illinois 62705
Phone: (217) 528-3434

W. C. Hayes
407 Rockford Trust Building • P.O. Box 419
Rockford, Illinois 61105

Jack B. Williams
Jack Williams Division: Office
285 South Plazaway
Cape Girardeau, Missouri 63701
Phone: (314) 334-2841

R. L. Thomas
309-10 Bondi Building
Galesburg, Illinois 61401

UNDERWRITTEN BY
Mutual of Omaha
The people who pay...

Life Insurance Affiliate: United of Omaha
MUTUAL OF OMAHA INSURANCE COMPANY
HOME OFFICE: OMAHA, NEBRASKA

Disability Income Protection Plan
Mutual of Omaha • Dodge at 33rd Street
Omaha, Nebraska 68131

Please rush me the complete facts on the Disability Income Protection Plan that can pay me up to \$800 a month in tax-free benefits.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

FILL OUT AND MAIL TODAY. NO OBLIGATION!

Dept. 2R

Youth To Springfield

Thirty-five finalists in the 1973 "Youth to Washington" contest sponsored by Adams Electrical Co-operative, Illinois Rural Electric Co., and Western Illinois Electrical Coop. were special guests at the state capital recently as part of this year's "Youth to Springfield" activities.

Each year, most of the 27 Illinois distribution electric cooperatives hold annual essay contests to pick their winners for the week-long "Youth to Washington" tour.

Seven cooperatives this year added a new dimension to the contest—a tour of the state capital for finalists.

It was difficult to say who was the most impressed, the young cooperative essay contest finalists or the government workers and legislators. Everywhere the group went, those who they met complimented the group on how well-mannered and clean-cut they were.

"Trouble? With these kids? Not hardly," Bob Patton, tour director of the Youth to Washington and Springfield tours, said.

"This is my third year on the tour and we have never had any trouble. They are all too mature for that. Look at them, I really believe they are the leaders of tomorrow."

Upon arrival at the Capitol, the students rushed over to meet with Secretary of State Michael J. Howlett. Secretary Howlett said he had "all the faith in the world in our young people. I urge each and everyone of you, and especially you girls, to become involved with our political system."

From there, the students visited both houses of legislature in session.

"Mr. Speaker!" Rep. Michael McClain of Quincy cried over the dull roar on the House Floor. "I would like to ask that we take a few minutes to recognize some special visitors with us today."

"In the gallery are some 30 outstanding high school students who are touring the capital city today, sponsored by the Illinois electric cooperatives."

Every member of the House Floor of the 78th General Assembly rose to applaud their guests.



Secretary of State Michael J. Howlett welcomes the "Youth to Springfield" group to the capital city.

To someone who hasn't visited the legislature before, the scene on the floors of the House and Senate looks like things are in utter turmoil.

Legislators quickly pointed out to the group that most of the debates have been heard before in committee meetings or in an earlier session. But when a crucial vote is at hand, utter silence is observed.

Outside the Senate chambers, Sen. Clifford B. Latherow of Carthage took time from his busy schedule for a short question and answer session. From there the students went on a open-door tour of Lt. Governor Neil Hartigan's office.

Following an afternoon of touring the Association of Illinois Electric Cooperatives' headquarters, the Old State Capitol and Lincoln's home and tomb, the group met for an evening banquet with their area legislators.

Senators John L. Knuppel of Petersburg and A. C. "Junie" Bartulis of Benld, along with Representatives Clarence Neff of Stronghurst, Ken Boyle of Carlinville, McClain, Gale Schisler of London Mills and Mary Lou Kent of Quincy spent an informative and enjoyable evening meeting and dinner with the group.

Eastern Illinois Power Cooperative, Egyptian Electric Cooperative Association, Southwestern Electric Cooperative, Inc., and Wayne-White Counties Electric Cooperative sponsored a similar tour for their some 50 finalists on June 6.

Essay Finalists

Tour Springfield



You hear a lot these days about
Look at that long hair! Look
. . . who can be sure. And how
to that crazy music. Will they ever
Sound familiar?

But when was the last time
"My what a fine bunch of
ture. So polite and considerate."
If you happened to be in
"Youth to Springfield" tour you
again.

Thirty-five finalists in the
sponsored by Adams Electrical
and Western Illinois Electrical
cently as their consolation prize

There is something else ve
tion besides their hair and clo
and more informed than we were

When students had a cl
and answer session, they really-

After a long day of touring
tors proved to be very interest
the year for the legislators, th
questions from the group.

One legislator was asked
That's the name of the game, is
Yes sir, that is the name of



t younger generation."
 ose crazy clothes. Girls and boys
 hey see with all that hair? Listen
 me something?

ard someone say:
 eople. They seem to be so ma-

ough to be a chaperon on the
 ld have heard it time and time

"Youth to Washington" contest
 erative, Illinois Rural Electric Co.,
 were touring the capital city re-
 it was really some consolation!
 erent about our younger genera-
 hey are probably better educated
 eir age.

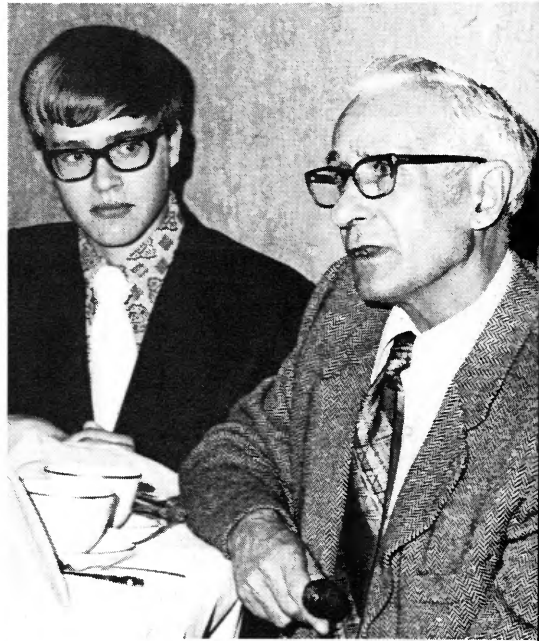
to corner legislators in question
 ey say—"put it to em."

inner that night with area legisla-
 hough it was the busiest time of
 ent nearly three hours answering

nded the drilling. "No, not really.

ne.

Guess Who Came To Dinner?



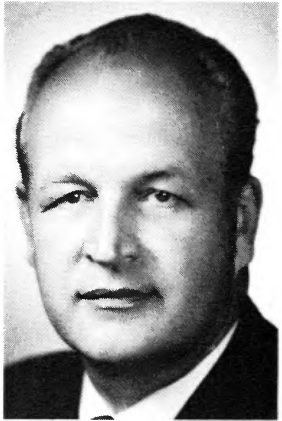
Representative Clarence Neff of Strong-hurst answers probing questions from the students at dinner.



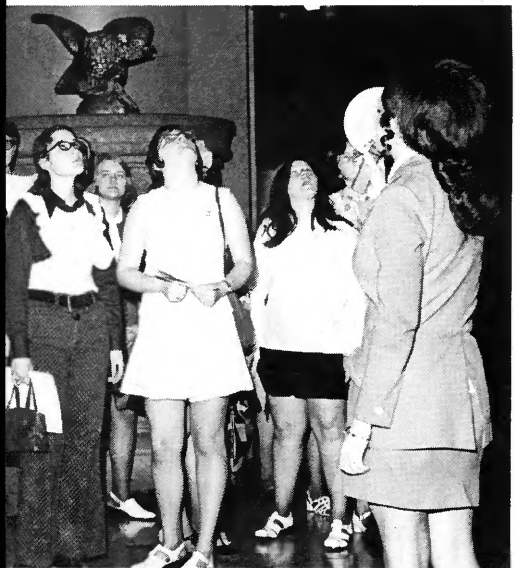
*Sen. John Knuppel
Petersburg*



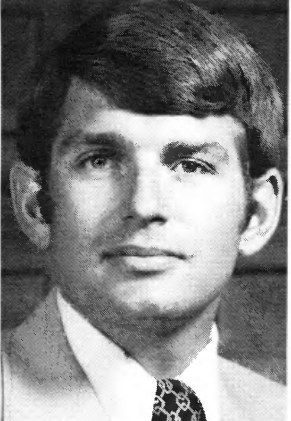
*Rep. Gale Schisler
London Mills*



*Sen. A. C. Bartulis
Benld*



*Rep. Mary Lou Kent
Quincy*



*Rep. Michael McClain
Quincy*

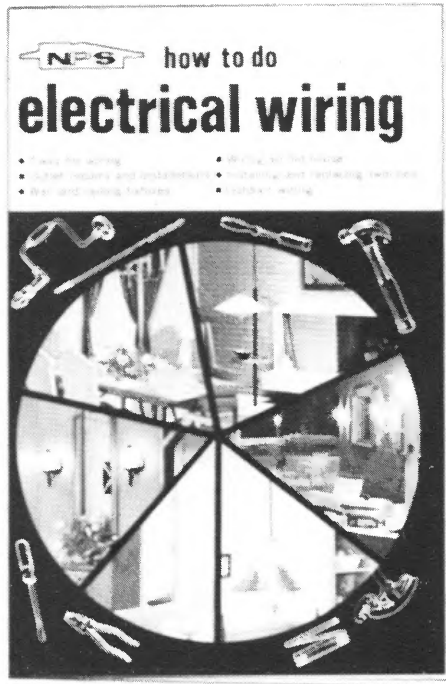


*Rep. Ken Boyle
Carlinville*

What's New?

Wiring Book

The new "How To Do ELECTRICAL WIRING" book provides handy tips and instructions for the average home electric installations and repair. The contents cover basic wiring data; wiring problems and solutions plus general basic electrical specifications for individual projects and tools required. For your copy send 85¢ to National Plan Service, Inc., 1700 W. Hubbard, Dept. 276, Chicago, Ill. 60622

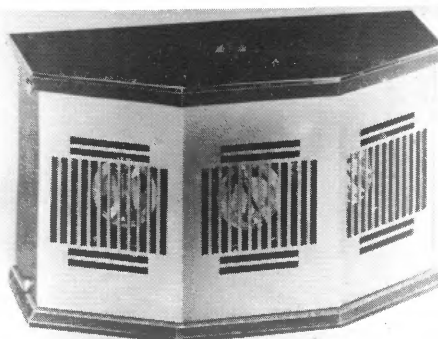


Refrigerator

Cold snacks and beverages are always within convenient reach with the party portable refrigerator from General Electric. The refrigerator is an ideal addition for the den, patio or family room. The 2.1 cubic-foot refrigerator is equipped with ice trays and is finished in simulated wood-grain vinyl. The custom cart has a stain-resistant walnut finish and twin teacart handles which form caddies for up to eight glasses.

Rat-i-cator

Russell Enterprises has developed the "Rat-i-cator." The device drives rodents away by generating a high frequency ultrasonic sound. The compact one pound unit operates from 24 volts so an electrician is not necessary for installation. The Rat-i-cator operates night and day and covers up to 3000 square feet of area.



Energy Answers Aren't Easy

Availability of energy adequate to maintain a vigorous economy must be accompanied with assurances that sources of such energy are sufficiently reliable and dependable to guarantee our national security.

So said Charles A. Robinson Jr. recently in a talk prepared for state government leaders. Robinson is the head of the new energy and environmental policy division of the National Rural Electric Cooperative Association, Washington, D.C.

Robinson pointed out that while energy consumption is growing at a fantastic rate, the more easily recoverable supplies of petroleum and natural gas—which together supply 78 per cent of our total energy—are approaching depletion.

Warning against removing price restraints on fuel, Robinson said: "If all restraints are lifted, the retail price of oil will be set by producers in a substantially noncompetitive, seller-controlled market . . . From the consumer's viewpoint, there is no guarantee that higher prices will produce more oil or gas or how high the price must go before the shortage can be relieved . . . Nor does anyone outside of the industry itself seem to know precisely what it costs to produce these products."



Roaches eat Sure Kill greedily and return to their nests which they contaminate, starting a chain reaction that wipes out all other roaches and eggs. Sure Kill never wears out, is absolutely odorless and safe to use. It contains no D.D.T. A single can cleans out six rooms and keeps them free of roaches and waterbugs for five years. Money back guarantee. Send just \$3.98 for one can, two for \$6.98 postpaid.

FOX ENTERPRISES

Box 211

MARION, KY. 42064

Mfr. and Distr.

ILLINOIS RURAL ELECTRIC NEWS

Giant TV Antenna

JUST PLUG INTO ANY OUTLET...
USES YOUR HOUSE WIRING
FOR BETTER TV RECEPTION!

Only **198**



**Uses No Electricity...
Completely Safe to Use!**

Here is a new electronic invention that will let you tune in every channel in your TV viewing area sharp and clear without the expense of installing a big roof-top antenna . . . and without the inconvenience of having those unsightly rabbit ears cluttering up your living room! This device attaches to your TV set in seconds and plugs into any electrical outlet in your home. This marvel adapts the electrical wiring in your home to work with your TV set as

a **GIANT ANTENNA!** It uses no electric current whatever — 100% safe to use! You'll get great TV reception on all channels you are now receiving with a conventional antenna. Ideal for use with FM radios, too. Full instructions for use are included. Order today! You must be completely satisfied with the sharp, clear TV pictures you get or simply return within 7 days for your money back!

No. 4250—Giant TV Antenna 1.98



Heavy-Duty Professional Type

ELECTRIC PAINT SPRAYER

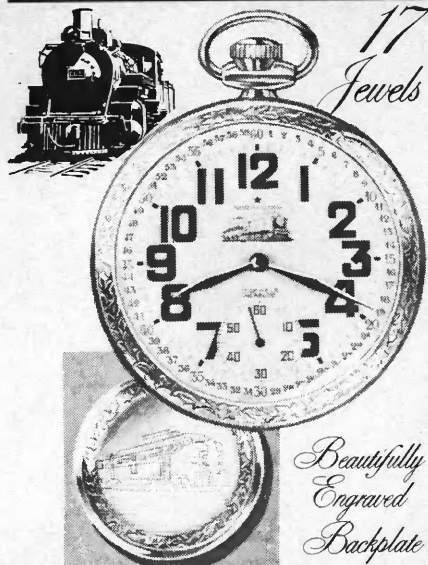
Gives Perfect, Smooth
Results...Automatically!

**A Complete Spraying Outfit
...Nothing Else to Buy!**

Tired of messy paint brushes, rags, rollers? New 1972 **ELECTRA-SPRAY** Electric Paint Sprayer gives professional results without mess or bother! Plug in, squeeze the trigger, and you're spraying or painting any liquid that pours — automatically! You get a smooth paint job without waste, reach out-of-the-way corners easily. You can save up to 80% of today's high labor costs by doing it yourself. **ELECTRA-SPRAY** comes complete with Paint Jar 7½' Cord, Viscometer and Instructions. See how **ELECTRA-SPRAY** will pay for itself the first time you use it! You must be completely satisfied with the smooth results you get or simply return within 7 days for your money back!

No. 2073—Electra-Spray Outfit 12.99

A RUGGED RAILROAD WATCH



A rugged new **RAILROAD** Watch with real accuracy and dependability built in! Precision-made 17 jewel movement with shock protection. Big, clear dial markings. Case finished in gleaming silver-tone or gold-tone and handsomely filigreed in the old-time railroad tradition. Detailed engraving of locomotive on polished backplate. A perfect gift for railfans everywhere.

**No. 5075—Pocket Railroad Watch
(Silver-Tone) 19.95**
**No. 5075A—Pocket Watch
(Gold-Tone finish) 21.95**



A POWERFUL CO₂ BB PISTOL

A semi-automatic, rapid-fire CO₂ BB Pistol that fires 100 shots as fast as you can pull the trigger! Pistol is man-size — 10½" long in handsome gun-metal. Comes with BBs and CO₂ cylinder — ready to shoot. (Not sold in N.Y. State).

No. 2077—Automatic BB Pistol 19.95
No. 2077A—Special Holster for above 3.95

Foster-Trent

2345 Post Road, Dept. 851-F,
Larchmont, N. Y. 10538

Please RUSH guaranteed articles as specified below. I enclose payment with this condition: I must be completely satisfied or I may return within 7 days for my money back at once.

ITEM NO.	DESCRIPTION OF ITEM	PRICE
	Shipping & Handling	
	N.Y. State customers sales tax	
	Total Enclosed	

Please enclose 55¢ with order to cover shipping cost. (N.Y. State residents add appropriate sales tax).

Name _____
Address _____ Apt. No. _____
City _____
State _____ Zip Code _____

Smile
Awhile

Gentle Hint

"How do you let your daughter's boyfriends know it's time to go home?" one salesman asked another.

"I usually walk through the room with a box of breakfast cereal," was the reply.

PHOTO FINISHING

BLACK AND WHITE

Including JUMBO Prints	
8 Exposure Rolls	1.20
12 Exp. 126 Instamatic	1.30
20 Exposure 35mm	1.90

KODACOLOR

Including JUMBO Prints	
8 Exposure Rolls	3.20
12 Exposure Rolls	3.90
12 Exp. 126 Instamatic	4.25
20 Exp. 126 Instamatic	6.20
20 Exposure 35mm	6.25

KODACHROME

Slides and Movies	
20 Exposure 35mm	3.20
20 Exp. 126 Instamatic	3.65
8mm Regular Roll	4.20
8mm Super 8	4.20

All Prices Include Return of FRESH Film.

OVER
50 YEARS
SERVICE

MARS PHOTO

Dept. RE, P.O. Box 2060
Springfield, Ill.

Artistic Touch

A man stepped up to a bar in a California town and ordered a Manhattan. The bartender mixed the drink, and with a flourish, presented the cocktail. "What's that?" asked the customer as he pointed to a sprig of parsley floating on top of the drink. "I ordered a Manhattan."

"It is a Manhattan said the bartender. "That's Central Park."

Greetings

A little boy had been pawing over a stock of greeting cards for a long time when a clerk asked him, "Can I help you find what you're looking for, son?"

"You got anything in the line of blank report cards?" he asked wistfully.

Unexpected Guests

The McTavish family was just sitting down to lunch when they noticed friends coming up the walk.

"Oh dear," said Mrs. McTavish. "I'll bet they haven't eaten yet."

"Quick," replied Mr. McTavish. "Everybody out on the porch with toothpicks."

Chicken Joke

Man walked into the psychiatrist's office with a chicken on his head.

"You need help!" exclaimed the doctor.

"You bet I do . . . Get this guy out from under me!" complained the chicken.

Slim Pickings

An old farm laborer, retired, was hired by a wealthy but extremely parsimonious old lady to tend her garden.

When dinner time came around he noted with disgust that the only fare on the table, in addition to stale bread, a smidgen of butter and tea, was a tiny spot of honey in the middle of a large plate.

After eating in silence for some moments, he looked hard at the honey and remarked politely to her: "I see ma'am you keep a bee."

Mistaken Identity

The new employee limped up to the foreman at the end of a long day of backbreaking work.

"Boss, are you sure you got my name right?" he asked.

"It's right here—you're Joe Simpson, aren't you?" the foreman replied.

"Yeah, that's it," moaned the fellow. "I was just checking—I thought maybe you had me down as Samson."

Sitting Bull

A businessman complained to the wife of aches and pains. This went on for two weeks. One day he came home feeling better.

"I've found out what was wrong," he told his wife. "You see, we got some modern office furniture two weeks ago. And I just learned I've been sitting in the wastebasket."

Weight Watcher

A woman on a diet was told by her little girl that she shouldn't eat peanuts because they would make her fat.

"How do you know that?" asked the mother.

"Mother," said the little girl, "haven't you ever seen an elephant?"

We back you
use our cash...save yours

CONSTRUCTION LOANS

There's a Miles Man in your area. He specializes in arranging construction loans on new homes for do it yourselfers. He designs plans, professionally . . . answers questions. There is no charge for his advice, help, or service. We can't find another home that is easier to build or to pay for. Let our man solve your housing problem. Begin a new life. Build your home . . . the Miles Way. We furnish precut building materials, step by step instructions, everything you need . . . inside and outside. Free delivery. A cash down payment is not important. No other plan like this.

PLEASE RUSH ME YOUR FREE CATALOG ON MILES BUILD IT YOURSELF HOMES



Name _____

Address _____

City, State, Zip _____

Precut
MILES HOMES

4500 N. LYNDALE, MINNEAPOLIS, MINN. 55412 • 521-3555

ILLINOIS: 305 W. Main, Havana, ILL. 62644

Handymen, be Homeowners
the Miles Way

MAKE \$1 PER SALE!

Sell Lifetime Metal Social Security Plates. Beautifully colored, complete with two pocket carrying case.

SEND FOR FREE SAMPLE & SALES KIT NOW!

No Investment or Obligation.
ANCHOR SPECIALTIES CO.
Box 3958-RI, N. Providence, R.I. 02911

ILLINOIS RURAL ELECTRIC NEWS

Visitors Learn About Co-ops



Guests from the Philippines and Thailand toured Adams Electrical Co-Operative territory recently to learn more about how an electric cooperative works. From left are: Juanito C. Filamor, Philippines; Dean Searls, Camp Point; Jorge T. Atencio, Philippines, Vibulya Kuhirun, Thailand, and Teotimo Cortes, Philippines.

Adams Electrical Co-Operative, Camp Point, recently had four very special guests.

Teotimo Cortes, Jorge T. Atencio and Juanito C. Filamor of the Philippines and Vibulya Kuhirun of Thailand were spending 10 weeks in the United States studying the electric cooperative systems. The tour was sponsored by the National Rural Electric Cooperative Association.

When asked where they would like to do their week's in-the-field-training they said Illinois—of course. Dean Searls, manager of Adams Electrical, was pleased to be their host.

“Our friends from the Philippines represent the National Electrification Administration which is similar to our Rural Electrification Administration,” Searls explained. “The purpose of their visit is to go back to their countries and build electric cooperatives.”

While in Illinois, the men visited local farms, the Association of Illinois Electric Cooperatives' headquarters in Springfield, the various sights in and around the capital city and a local telephone cooperative.

The men were extremely interested in how electricity was used on the farm. Kenneth Miller, who owns a farm near Golden, fielded questions for nearly an hour.

At Adams Telephone Co-Operative in Golden, Manager Harold Harkness explained that telephone cooperatives were similar to electric cooperatives. Owned by those who they serve, telephone cooperatives have provided adequate and dependable telephone service for millions of Americans. The foreign visitors were also studying telephone cooperatives although electrification will have to come first.

When Harkness was showing the men a telephone exchange room at the headquarters, Vibulya Kuhirun of Thailand felt right at home. The maze of wires and circuits was no stranger to him. He received his master of science in electrical engineering from the Illinois Institute of Technology in Chicago.

At the end of the week, the visitors flew back to Washington, D.C. where they will continue their studies.

“I hope their trip was as beneficial to them as it was for me,” Searls said.

SPECIAL OFFER!

SEND YOUR FILM TO

White Squirrel
PHOTO SERVICE

SAVE MONEY
On Photo Finishing!

AMAZING KODACOLOR DISCOUNT: 8 AND 12 EXPOSURE

\$1.69

Plus 30c HANDLING & POSTAGE

KODACOLOR ROLL OR CARTRIDGE

(Foreign Film 75c Extra)

20 EXPOSURE \$2.69
(Plus 30c Handling & Postage)

NEW C110 SIZE:

12 EXPOSURE \$1.99

24 EXPOSURE \$2.99

- All "White Squirrel" Prints on Professional Silk Finish
- Quality Guaranteed
- BankAmericard or Master-Charge

**SEND FILM WITH COUPON!
ENCLOSE CHECK OR MONEY ORDER**

WHITE SQUIRREL
P.O. Box 512R
OLNEY, ILL. 62450

Enclosed are _____ rolls,
along with \$ _____

NAME _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____



Dairy Winners

■ Fresh and wholesome food, planned to fill the body's nutritional needs, makes for a healthy, alert, energetic family, and a beautiful one as well. Fortunately, a homemaker need not be a nutritionist to plan balanced family meals. But she should remember the following Daily Food Guide and include the recommended amounts from each food group as she plans her menus.

Milk Group

Children under 8	2 or more cups
Children 8 to 12	3 or more cups
Teenagers	4 or more cups
Adults	2 or more cups

Meat Group

Beef, pork, lamb, veal, fish, poultry, eggs or alternates	2 or more servings
---	--------------------

Vegetable and Fruit Group — Including dark green or yellow vegetables, citrus fruit or tomatoes ... 4 or more servings

Bread and Cereal Group — Enriched or whole grain

Popular beef patties, pictured at left, are glamorous with bright toppings and Duchess potato ruff. Buttered green beans, vegetable slaw with creamy dressing, French bread and butter, Strawberry Dessert Mold and milk complete a menu high in both flavor and food value.

PLANKED BEEF FIESTA PATTIES

2 pounds ground beef	1/4 cup shredded Cheddar cheese
2 teaspoons salt	2 tablespoons chopped green pepper
1/4 teaspoon pepper	2 cups seasoned mashed potatoes
1/4 cup catsup	2 tablespoons melted butter

Combine beef with salt and pepper and shape into 6 to 8 patties, 1/2 to 3/4 inch thick. Set oven regulator for broiling. Place patties on rack under broiler so surface is 2 to 3 inches from heat. Broil 8 to 10 minutes on one side. Turn and continue broiling 5 to 10 minutes longer, depending upon degree of doneness desired. Remove patties from broiler. Top each with catsup, cheese and green pepper. Transfer patties to warm sizzle platter or oiled wooden plank. Tube or spoon mashed potatoes around patties. Brush with melted butter. Return to broiler until potatoes are lightly browned and cheese is melted, about 3 minutes.

VEGETABLE SLAW — CREAMY DRESSING

1 egg yolk	3/4 cup dairy sour cream
1 teaspoon sugar	2 tablespoons milk
1/2 teaspoon dry mustard	4 cups shredded cabbage
1/4 teaspoon salt	1 cup shredded carrots
1/4 teaspoon garlic salt	1/4 cup chopped green pepper
1 tablespoon vinegar	1/4 cup raisins

In a small mixing bowl beat egg yolk with sugar, mustard, salt and garlic salt until well blended. Add vinegar. Gently blend in sour cream and milk. Chill. In a large bowl toss vegetables and raisins to mix. Add dressing. Toss lightly to mix with dressing.

CAPE COD GREEN BEANS

1 pound green beans	1 tablespoon butter
2 tablespoons cream	Salt and pepper
2 tablespoons sugar	

Wash beans, and remove stem ends; cut beans in half lengthwise. Put in saucepan; barely cover with boiling water. Cook, covered, 20 minutes, or until just tender. Drain. Add remaining ingredients, and toss lightly. Makes 4 servings.

STRAWBERRY DESSERT MOLD

1 package (16 ounces) frozen strawberry halves	1 banana, mashed
1 can (20 ounces) crushed pineapple	1 cup dairy sour cream
2 packages (3 ounces each) strawberry flavor gelatin	Strawberries for garnish

Defrost berries. In a 1-quart saucepan drain berries and pineapple. There should be approximately 1 3/4 cups syrup. If not, add water to measure this amount. Heat syrup to boiling; remove from heat; add gelatin. Stir until dissolved; return to heat if necessary. Cool slightly then add drained berries, pineapple and banana. Chill until partially set. In a chilled bowl, with chilled beaters, whip sour cream until doubled in volume (about 5 minutes with electric mixer at highest speed). Fold sour cream into gelatin mixture. Pour mixture into 6-cup mold. Chill until firm. Unmold onto chilled plate and garnish with strawberries,

HAM CUSTARD CASSEROLE

1 tablespoon butter	1 cup milk
1 1/4 cup diced, cooked ham	1/2 cup water
1 medium onion, grated	1 cup cream
1 unbaked pie shell	1/2 teaspoon salt
1/2 cup Swiss Cheese, grated	1/4 teaspoon pepper
1 1/2 cup evaporated milk	1/8 teaspoon nutmeg
4 eggs slightly beaten	

Melt butter in a skillet and add ham, cooking until golden brown. Remove ham; add the onion and cook for five minutes. Line a 1 1/2-quart casserole with pie crust. Cover bottom of crust with ham, onion, and cheese. Combine remaining ingredients and pour into shell. Bake at 450 degrees F. for 15 minutes. Reduce heat to 350 degrees F. and continue baking 15 to 20 minutes; just until set. Do not overbake. Serve hot as a main dish, with a salad. Yield 6-8 servings.

DAIRY-CHICKEN BAKE

1/4 cup butter	1/2 teaspoon salt
1 two to three-pound broiler-fryer chicken (cut up)	1 cup uncooked rice (long cooking)
1 8-ounce carton commercial sour cream	1/4 cup diced celery
2 1/2 cups milk	1 pkg. dry onion soup mix (1 1/2 oz.)
	1 1/2 ounce can green peas (drained)
	1/4 cup grated American cheese

Melt butter in deep frying pan and fry chicken until lightly brown. While chicken is browning, grease baking dish with butter. Remove chicken from frying pan and drain on paper towels. In mixing bowl, combine sour cream, 1/2 cup milk and salt. When blended, add remaining two cups of milk. Pour milk-sour cream mixture in prepared baking dish. Stir uncooked rice into milk-sour cream mixture and spread evenly over bottom of baking dish. Using the same butter in which chicken was browned, slightly saute the celery. Place chicken, skin side up, on rice-milk mixture. Spread lightly sauted celery over chicken and top with onion soup mix. Cover with aluminum foil and bake for one hour at 350 degrees F. Remove foil and spread peas evenly over top of dish; top with grated cheese and bake 15 minutes, uncovered. Yield: 4 to 6 generous servings. Total preparation and cooking time: 1 hour, 30 minutes.

BUTTERSCOTCH CRUNCH

2 cups oats	2/3 cup butter
1 cup brown sugar	1 cup pecans

Heat oven to 350 degrees F. Combine oats, brown sugar, and butter; mix well. Place in a shallow pan and bake in preheated oven about 10 minutes, stirring occasionally. Chill. Add 1/2 cup of nuts. Crumble.

FILLING:

1 cup cottage cheese	2 pkgs. instant lemon pudding
1 cup sour cream	1/2 cup lemon juice
2 cups milk	1 cup whipping cream

Combine creamed cottage cheese, sour cream, milk, instant pudding, and lemon juice. Beat 1 minute. Place alternate layers of crunch and filling in parfait glasses. Whip cream and top each parfait. Sprinkle with remaining nuts. Store in refrigerator until served. Makes 12 servings.

SUMMER DELIGHT

1 8-ounce pkg. cream cheese, room temperature	1 can pecans
1 can sweetened, condensed milk	1 can cherry pie filling
1/2 cup lemon juice (fresh)	1/2 pint whipping cream
1 teaspoon vanilla	Mint sprigs to garnish

With a mixer, beat softened cream cheese until creamy. Add condensed milk and blend for five minutes. Blend in 1/2 cup lemon juice for one minute or until desired thickness is reached. Blend in vanilla for one minute also. Spread pecans over bottom of prepared pastry shells. Pour cream cheese mixture into shells. Chill. Spoon chilled cherry pie filling over cheese mixture in a decorative pattern. Garnish with whipped cream and mint sprigs. Sprinkle with chopped pecans (optional).

RICH PASTRY

2 1/4 cups sifted flour	1 egg yolk
1 Teaspoon salt	1 tablespoon lemon juice
1 Tablespoon sugar	1/4 cup milk
3/4 cup vegetable shortening	

Sift flour with salt and sugar. Cut in shortening until mixture resembles fine crumbs. Beat together egg yolk and lemon juice. Blend in milk. Add to dry ingredients, tossing with fork into a soft dough. Divide dough in half. Form each half into a ball. Flatten each on lightly floured surface. Roll to about 1/8 inch thickness. Use half for bottom crust. Cut second half into 18 strips with sharp knife of pastry wheel.

MINTED SUNDAE SODA

1 10-ounce jar (about 1 cup) mint-apple jelly	2 scoops vanilla ice cream
1/2 cup water	2 bottles lemon-lime carbonated beverage, chilled.
1 scoop lime sherbet	

Combine jelly and water in saucepan. Cook over low heat, stirring until jelly dissolves. Cool, then chill. Into a chilled 14 ounce glass, pour three tablespoons mint-jelly syrup. Add a scoop of vanilla ice cream, then a scoop of lime sherbet, followed by a final scoop of vanilla ice cream. Fill with lemon-lime carbonated beverage, pouring carefully down side of glass to save sparkle. Garnish the glass with lime slices and a mint sprig if desired. Serve with both straw and spoon.

Room To Be Cooled	Room Size (Square Feet)	BTU Cooling Capacity
Bedrooms	0 - 100	5,000
	100 - 150	5,000 - 6,000
	150 - 200	6,000 - 8,000
Living areas Dining rooms Family rooms	150 - 250	6,000 - 8,000
	250 - 350	8,000 - 10,000
	350 - 450	10,000
	450 - 500	10,000 - 11,000
	500 - 550	11,000
Multi room and larger living areas	550 - 650	11,000 - 13,000
	650 - 800	13,000 - 14,700
	800 - 900	14,700 - 18,000
	900 - 950	18,000
"Whole house"*	950 - 1250	18,000 - 23,000
	1250 - 1500	23,000 - 28,000
	1500 - 1750	28,000
	1750 - 2000	28,000 - 32,000

How to buy a room air conditioner

■ Of all the major appliances, the average homemaker approaches the purchase of a room air conditioner generally with apprehension. Letters and numbers such as BTU's and CFM's and 5,000 and 10,000 almost sound like a foreign language.

But armed with a few facts, you will be able to make a wise purchase of a unit that will be exactly right for the area to be cooled. The retail salesperson in a reputable dealer's store is generally well-qualified to advise the consumer about the proper-sized unit. But he needs these few facts:

- the number of square feet in the area to be cooled;
- the number of windows in the area and the directions they face—east, west, south or north;
- knowledge of the volt service—in the home—230 or 115;
- amount of sun that comes into the area; and
- type of window if the unit is to be installed in a window rather than thru-the-wall.

There are units for standard double hung windows as well as for casement and sliding windows.

Room air conditioner sizes generally range from 5,000 to 26,000 BTU's. (British thermal units is the standard used to determine the quantity of heat the unit is capable of removing in one hour's time.)

The smaller units usually are able to use the normal household current—115 volts and 7.5 amps. Units over 7.5 amps must be operated on a separate circuit as do all those operating on 230 volts. Some of the smaller units have the added benefit of being light in weight and can be handled by one person. This makes it easy to move the room air conditioner to different windows or remove it completely for the season.

Room air conditioners not only cool the air, they can be used to remove stagnant air from a room or to circulate the air within the room. There is also a certain amount of dehumidification that takes place and some units have an additional feature—they provide heating as well.

Here are a few important features that should be considered:

- quietness of the unit

—easy-to-use controls that are easily reached

—filter that is easy to remove for cleaning

—styling to fit in with the room's decor

—durable cabinets

Once the room air conditioner is purchased and installed, here are ways to help it work more efficiently:

—keep filters clean. Water and mild detergent will clean out dust and other airborne particles.

—keep windows and doors closed when cooling system is operated.

—turn off lights and appliances that aren't being used to avoid adding extra heat in the house.

—draw shades, blinds or draperies to keep out hot sunlight.

—keep the thermostat at one setting and leave it there unless the temperature changes drastically.

—have proper insulation in the home so the equipment does not have to work harder.



Many room air conditioners now have decorative fronts and hidden controls.

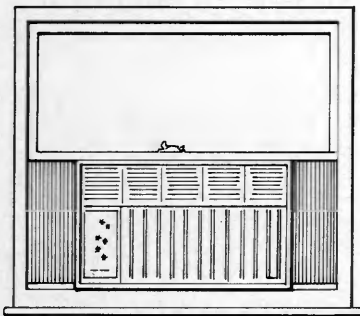
Slugs



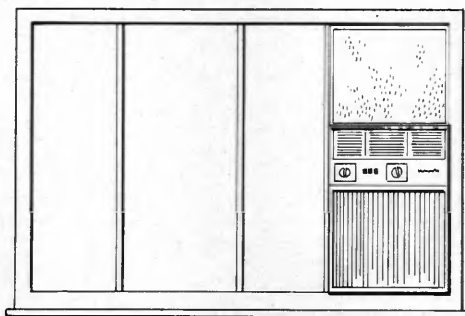
& snails

■ Many homeowners are or will be faced with slug and snail problems. These pests, particularly slugs, are very common around house foundations, patios, walks, flower beds, under ornamental shrubs and in most areas where there are shade and dampness. Slugs and snails hide under ground cover during the day and crawl out to feed at night. The shiny trails on bricks, stones and concrete and feeding symptoms on plants are evidences of slug or snail infestations. Many materials and gadgets have been used for their control. Trapping them under boards and dehydrating with lime and other materials will reduce numbers in limited areas only. Satisfactory control will be best obtained for heavy infestations by using a prepared poison bait. Slug and snail baits are available under many brand names. Metaldehyde plus one additional pesticide has been the standard bait for many years. Metaldehyde is very effective but recently its registered uses have been reduced and baits are becoming harder to find. Mesurol, a new insecticide, has recently been registered as a bait for slug and snail control. Research data indicates it is effective for control of most problems. Mesurol is a 2 percent bait and is labeled for use—broadcast in flower beds and under shrubbery—at the rate of 1 lb. of the 2 percent bait per 1,000 sq. ft. Only infested areas of the beds need treatment. In using any type of bait, effectiveness is increased by watering the area ahead of treatment and applying the bait in the evening just before the feeding activity of the pests. Repeat applications can be made as necessary to keep slugs and snails under control. And remember: Always store pesticides and insecticides well out of reach of children.

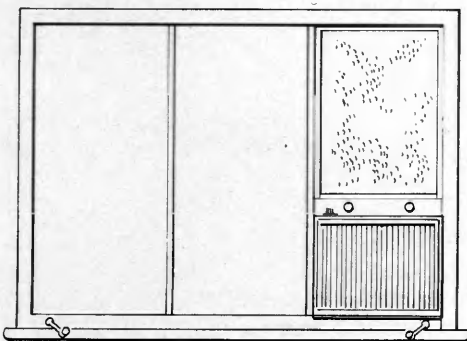
Different Window Styles Require Different Air Conditioner Styles



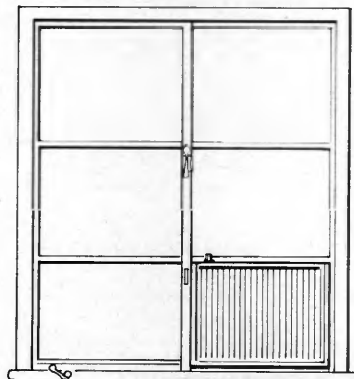
Double-hung Window



Sliding Window



Crank-out Casement Window



Casement Window

Rural Exchange

Reaching Over 500,000
Consumers Each Month

• Auction Schools

REISCH AUCTION COLLEGE, 38 years World's Largest. Term soon. Free Catalog. Also Home Study Course. Mason City 17, Iowa.

• Baby Chicks

HEAVY MIXED \$5.90 - 100. LARGE WHITE ROCKS \$8.40. OTHER BREEDS \$1.45 TO \$5.45. PULLETS \$12.20. FREE CATALOG. GUARANTEED SAVINGS! ATLAS CHICKS, HOME OFFICE, 2651 CHOUTEAU, ST. LOUIS, MISSOURI 63103.



RARE BREEDS

Beautiful exotic Yokohamas, Jersey Black Giants, Araucanas, Hamburgs, Buff & White Crested Black Polish, Buttercups, Lakenvelders, Anconas, White Laced Red Cornish, Minorcas, Blue Andalusians, Black Leghorns, Buff Orpingtons, Black Australorps.

Send 50¢ for Big Chick Catalog

Allen Hatchery, Box 170-A, Windsor, Mo. 65360

SPECIAL PRICES—Fryer chicks. Heavy breed special. Rare breed special. Free price list. Shephard Hatchery, Route 1, Dept. IRE, Can- nelton, Ind. 47520.

• Of Interest To Women

CLOTHING FACTORY CUTAWAYS, 10 lbs. assortment for Quilts. Doll clothes, Throw pillows, etc. \$5.56 postpaid. Cutaway, Box 151-L, Weaubleau, Mo. 65774.

Wicker Furniture—Swings—Chairs—Cradles Settees—Chair Cane—Hampers—6000 baskets—Headboards—Dressers—Lamps. Basket Shop, Danville, Indiana

COLDWATER DILLPICKLES! Can in minutes! No hot brine. Delicious. Crisp. Factory secrets! Recipe \$1.00. Hamiltons, Box 233-416, New Ulm, Minn. 56073.

MINIATURES, sea shells, beads, novelties, jewelry. Idea, discount catalog 25¢. Art- crafts, Box 1386, Santa Barbara, Calif. 93102.

• Vacations

FREE COLOR BROCHURE on lakeside vacation relaxation! Write Anthony Acres Resort, Lake Sara, Effingham, Ill. 62401 or phone (217) 868-2950.

• Photo Finishing

SPECIAL OFFER—12 Exposure Kodacolor with Free film only \$2.69. Kodacolor reprints 10¢ each. Hoosier Photos, Box 1405-L, Muncie, Indiana 47305.

TEN COLOR BILLFOLD Photos only \$1.75. From your favorite color photo or negative. Twenty for \$2.95. Your photo or negative returned unharmed. Black and white bill- folds 20 for \$1.25. Service takes four days in our plant. P.D.Q. Photofinishers, Box 15050-11, St. Louis, Mo. 63110.

OLD PHOTOS COPIED: Write for price list. COX PHOTO SERVICE, Golconda, Illinois 62938.

• Decals-Signs-Badges

DECALS, NAMEPLATES, Badges, Trucksigns, Hard-hat labels. All kinds. Seton Nameplate Corp., Dept. IR, New Haven, Conn. 06505.

• Farm Machinery, Equipment

TRENCHERS

New and Used—\$750 and up.
Ozark Trencher Sales
107 Troy Road, Collinsville,
Ill. 62234. Phone 618-345-6262

BRIM SLATS, INC.

Concrete & Aluminum slats
for hogs and cattle
Box 481, Roanoke, Ill. 61561
309-923-7221

• LIVESTOCK

Calves—Calves—Calves—2 to 14 weeks old. All calves delivered on approval with a Veterinary health certificate. Must meet with your approval on arrival only. Minimum order 25 head. We deliver or you may pick your own. Call or write Bill Nolan Livestock, Inc., Bonduel, Wis. 54107. Phone 715-758-8484.

WISCONSIN CALVES

Top quality Holstein heifers & bulls, Hol- stein-Angus heifers & bulls, and guernsey heifers. Guaranteed farm fresh. Delivered or picked up. Weight and sales slips furnished with all calves. Call or write. IKE ZEITLER, R. R. #1, Box 204, Shawano, Wisc. 54166. Ph. 715-526-2896.

• Business Opportunities

SELL LIFETIME Metal Social Security Plates. Big Profits! Sample and Sales Kit Free. RUSSELL PRODUCTS, Maury County Shop- ping Center, Department B46, Columbia, Tennessee 38401

EARN MONEY raising fishworms for us! Exciting details free! Oakhaven-99, Cedar Hill, Texas. 75104.

A FORTUNE IN JUNK! Learn Upholstery at home . . . turn cast-offs into chairs, sofas worth \$100's. No experience needed. We show you how . . . even supply all tools and practical furniture kits! Veteran Ap- proved. Booklet mailed FREE. Modern Up- holstery Institute, Box 899-SIR, Orange, Calif. 92669.

Wanted To Lease:

Mineral rights for oil & gas. Jack Wayman, 205 Madison, Benton, Ill., Phone 618 439-6254.

• Farms, Real Estate

FREE . . . 256-page SUMMER CATALOG! De- scribes and pictures hundreds of farms, ranches, town and country homes, businesses coast to coast! Specify type property and location preferred. UNITED FARM AGENCY, 1304-RN Consumers Bldg., 220 So. State St., Chicago, Ill. 60604.

• Water Filters

STOP RUSTY WATER From Ruining Wash. Staining Fixtures. Proven filter keeps water free from rust sand, odors, tastes, other impurities. Low cost, reusable replacements. 30 Dav Trial Offer. Write Samcor. 836-LL West 79th. Minneapolis, Minn. 55420.

• Hunting and Fishing

COLLAPSIBLE Farm-Pond-Fish-Traps: also turtle, Muskrats and small animals—Free delivery. Shawnee, 39340 Buena Vista, Dal- las, Texas 75204.

• Help Wanted

Office Manager-Accountant with 16 years REA experience desires position with Rural Electric Cooperative. Please write Dept. XREN, Box 3787, Illinois Rural Electric News.

• Plants & Trees

GINSENG SEEDS, For planting. \$5,000 pos- sible growing ¼ acre. For information, price list. Write: Blueridge Ginseng, Mc- Donald, Tenn. 37353.

GINSENG—GOLDEN SEAL — MAY APPLE WANTED: We are paying \$5.00 per lb. for Golden Seal Root, \$1.50 per lb. for Golden Seal Herb, \$.60 per lb. for May Apple Root. Send for complete Root Price List. MAGEE FUR COMPANY, EOLIA, MISSOURI, 63344.

WILD GINSENG, GOLDENSEAL, WANTED. High- est prices paid, also buy Squirrel tails, wool. Summer special on traps and trapping sup- plies. SOUTHEASTERN FUR CO., RTE 2, SUM- NER, ILL. 62466.

FREE CATALOG write Tennessee Nursery & Seed Co., Box 525, Dept. 91C, Cleveland, Tenn. 37311.

• Miscellaneous

GAME BIRDS

EGGS—Northern Bob-white quail, chukar partridge, ornamental pheasant. Send stamp for prices. Austin Huffman, Route 2, Green- ville, Illinois 62246.

COUNTRY RECORDS — and Tape Cartridges! Jimmy Rodgers - Carter Family - Curly Foy - Bill Monroe . . . Fiddle Tunes . . . Free Circular Uncle Jim O'Neal, Box A-70, Arcadia, Calif. 91006.

GOPEL PIANISTS: Add chords, "runs," pro- gressions, Twenty lesson course. "Playing Evangelistic Style Piano," \$4.98. Evangelical Music, IREA-1, Hawarden, Iowa 51023.

GRAND OLE OPRY

and Nashville Stars now appearing at Hill- brook Recreation, 4 mi. NW of Ottawa, Ohio on Rt. 15. For events schedule write: Hillbrook, P. O. Box 257, National Bluegrass Festival, Aug. 3-4-5, 1973. Camping avail- able.

Ginseng, Golden Seal, May Apple and other roots wanted. Prices high. Write for our complete price list. St. Louis Commission Co., Dept. 2, St. Louis, Mo. 63115.

Rural Exchange

Rates

Regular Rates: 30 cents per word. Minimum ad—\$5.40 for 18 words or less.

Rates for Illinois Co-op Mem- bers Only: 25 cents per word. Minimum ad—\$4.50 for 18 words or less.

Display Advertising Rates: \$1.11 per agate line, \$15.54 per inch. Minimum display ad—one inch.

Payment must accompany all ads.

Deadline is 8th of month pre- ceding publication.

Advertisers may deduct a dis- count of 5% on six month orders; 10% may be deducted on 12 month orders.

Mail ad and remittance to
Rural Electric News, Box 3787,
RURAL EXCHANGE, Illinois
Rural Electric News, Box 3787,
Springfield, Illinois 62708.

PRINTED PATTERNS

TO ORDER PATTERNS:

Send 75 cents in coin for each pattern to:
Patterns, Illinois Rural Electric News
P. O. Box 3787
Springfield, Illinois 62708

(Please allow three weeks for
delivery from New York.)



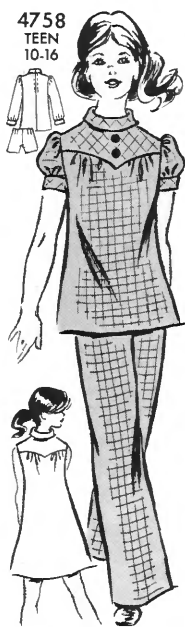
9071 8-18

9147 8-18

9048
SIZES 8-18



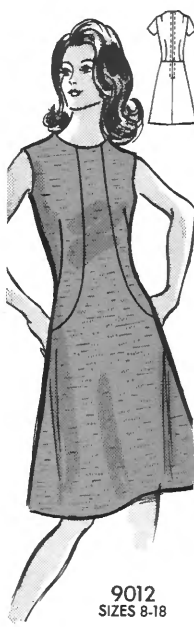
9318
SIZES 10½-20½



4758
TEEN
10-16



9142
6-14



9012
SIZES 8-18



9167
SIZES 10½-18½



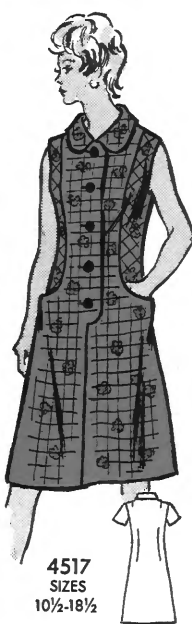
4805
SIZES 10½-18½



4554
SIZES 34-48



9093
8-18



4517
SIZES
10½-18½

- No. 9071 is cut in sizes 8, 10, 12, 14, 16, 18. Size 12 (bust 34) takes 3¼ yards 60-inch fabric.
- No. 9147 is cut in sizes 8, 10, 12, 14, 16, 18. Size 12 (bust 34) takes 3⅛ yards 35-inch; scarf ⅝ yard 39-inch.
- No. 9048 is cut in sizes 8, 10, 12, 14, 16, 18. Size 12 (bust 34) takes 2⅞ yards 45-inch fabric.
- No. 9318 is cut in sizes 10½, 12½, 14½, 16½, 18½, 20½. Size 14½ (bust 37) takes 2⅜ yards 45-inch.
- No. 4758 is cut in Teen sizes 10, 12, 14, 16. Size 12 (bust 32) pantsuit 2⅜ yards 60-inch fabric.
- No. 9142 is cut in Girl's sizes 6, 8, 10, 12, 14. Size 10 takes 1½ yards 45-inch fabric.
- No. 9012 is cut in sizes 8, 10, 12, 14, 16, 18. Size 12 (bust 34) takes 1½ yards 60-inch fabric.
- No. 9167 is cut in sizes 10½, 12½, 14½, 16½, 18½. Size 14½ (bust 37) takes 2 yards 60-inch fabric.
- No. 4805 is cut in sizes 10½, 12½, 14½, 16½, 18½. Size 14½ (bust 37) takes 2 yards 60-inch fabric.
- No. 4554 is cut in sizes 34, 36, 38, 40, 42, 44, 46, 48. Size 36 (bust 40) takes 1⅝ yards 60-inch.
- No. 9093 is cut in sizes 8, 10, 12, 14, 16, 18. Size 12 (bust 34) pantsuit 3 yards 60-inch.
- No. 4517 is cut in sizes 10½, 12½, 14½, 16½, 18½. Size 14½ (bust 37) takes 2¾ yards 45-inch.

★★★
LIMITED
OFFER

Public Announcement

FOR THE READERS OF THIS MAGAZINE

★★★
LIMITED
OFFER

CLOSEOUT OF NATIONALLY FAMOUS NONPRISMATIC POWER BINOCULARS HELD IN U.S. GOVERNMENT BONDED WAREHOUSE

AND IN PRIVATE WAREHOUSES

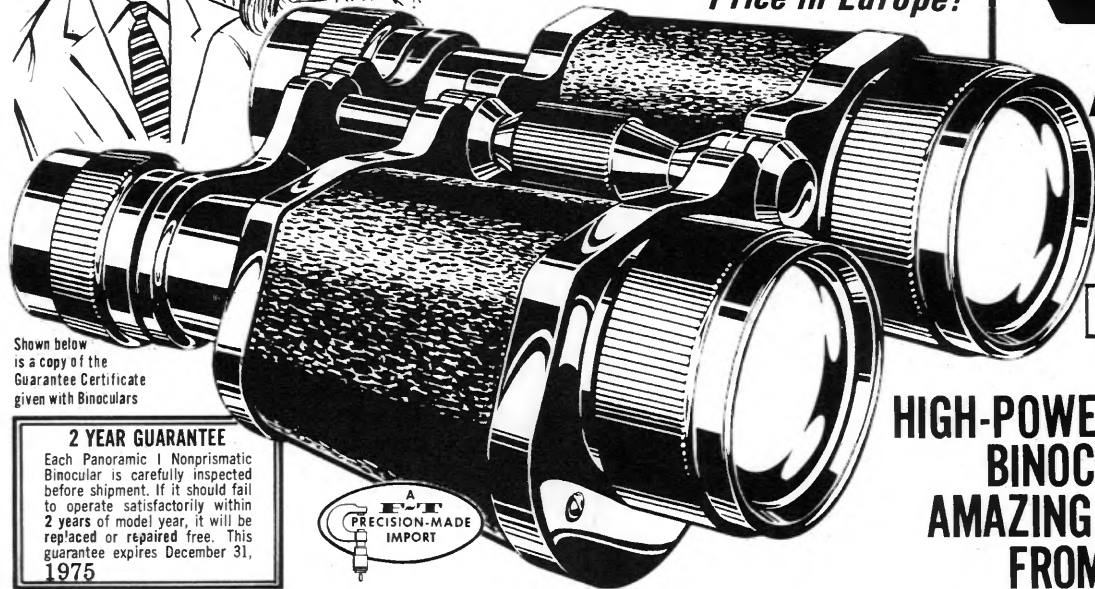
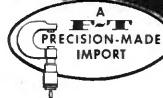
Actually Lower than Factory List Price in Europe!



Shown below is a copy of the Guarantee Certificate given with Binoculars

2 YEAR GUARANTEE

Each Panoramic I Nonprismatic Binocular is carefully inspected before shipment. If it should fail to operate satisfactorily within 2 years of model year, it will be replaced or repaired free. This guarantee expires December 31, 1975



SPECIAL

4³⁷
plus postage

Deep Slashed Discount Price!

BRAND NEW MODEL

HIGH-POWER NIGHT & DAY BINOCULAR PULLS IN AMAZING, CLEAR VIEWS FROM MILES AWAY!

The deeply cut price shown in this announcement is for a **short time only** to the readers of this publication. This special discount price applies only to our **Nonprismatic Panoramic I Model** illustrated above. This is our largest selling model with **high enlarging power and long range** — a **deluxe** instrument made in Europe. Discount **does not** apply to telescopes, field glasses, or any binoculars that arrive **after** this sale ends.

SPECIAL NOTICE: Goods were held in U.S. Government Bonded Warehouse located on New York Waterfront awaiting payment of storage rent and U.S. federal tariff costs and in private warehouses. Now we have ordered them **RELEASED TO THE PUBLIC** at once—at a **fraction** of the regular **national** price.

IMPORTANT: These binoculars are shipped on a first come, first served basis. **Fast delivery guaranteed.** All binoculars packed and shipped within 48 hours. Please allow 2 weeks for delivery.

LATEST MODEL

Readers are requested not to be confused by the low price. This is not a cheap Oriental toy model or reconditioned field glass. Each and every one is **brand new** — made in Western Europe by experienced, well trained optical workers. Big in size. Big 40mm crystal Objective Lenses. The **NONPRISMATIC PANORAMIC I** is also big in power and is **guaranteed** for long range views. **Now slashed down to \$4.37.**

THIS PUBLIC ANNOUNCEMENT IS A BONAFIDE CLOSEOUT OFFER

This is a *Bonafide Closeout Offer*. It expires as soon as all stock of model is sold out. All orders received after stock is liquidated will be returned *promptly* to senders with any cash, check or money order enclosed. All readers desir-

ing to purchase these famous **NONPRISMATIC PANORAMIC I BINOCULARS** are requested to rush orders at once to avoid disappointment.

SOLD ALL OVER U.S.A. AT MUCH HIGHER PRICES!

This year thousands upon thousands of American sportsmen paid much, much more for this same **PANORAMIC**

I. It's a great glass for football, baseball, horse, auto and boat races, and all spectator sports. Useful for Police and Military surveillance. Because of its high power, it can be used for checking persons, objects, and happenings at great distances—*without being detected*. Ideal for nature study, bird-watching and traveling.

LIST OF OUTSTANDING FEATURES BUILT INTO THESE BINOCULARS:

All binoculars *look* alike, but not all *perform* exactly the same. The following Shopper's Comparison List is published to guide prospective purchasers. Please check carefully.

1. Genuine Optical Crystal Lenses
2. Water & Shock Resistant Case
3. Shoulder Straps & Lens Covers Given
4. Smooth, High-Speed Center Focusing
5. Sturdy, High Impact Plastic
6. Wide Panoramic Sports Views
7. Rugged, Yet Light & Comfortable to Hold
8. Each One Carefully Checked

PURCHASING INFORMATION (PLEASE READ CAREFULLY)

This is a strictly **LIMITED WAREHOUSE OFFER**. Subject to all rules and conditions in coupon. Readers are urgently requested to read and follow these easy rules. By doing so they will avoid unnecessary delays. All orders processed promptly and shipped by U.S. Parcel Post or UPS. Please allow 2 weeks for delivery to your home. *All sent on 7 DAY HOME TRIAL.* All buyers may use and compare our binoculars without risk or obligation. Should any pair prove unsatisfactory, simply return them within 7 days for refund of money by return mail.

COPYRIGHT 1973 BY FOSTER-TRENT, INC.

FOSTER-TRENT INC.
(BONDED WAREHOUSE SALES)
2345 Post Road, Dept. 851-P,
Larchmont, N. Y. 10538

TO ORDER BINOCULARS, SEND THIS SPECIAL PROCUREMENT COUPON

FOSTER-TRENT INC. (BONDED WAREHOUSE SALES)
2345 Post Road, Dept. 851 P, Larchmont, N. Y. 10538

RULES AND CONDITIONS

(Please observe for speedy service)

- (1) No shipments outside U.S.A. or possessions.
- (2) No more than 2 binoculars per reader at this price.
- (3) No phone or C.O.D. orders. Please send check, cash or m.o. for fast shipment.
- (4) Case, Straps and Lens Covers given with each binocular.
- (5) 7 Day Home Trial with satisfaction guaranteed or money back
- (6) Please add 62¢ for postage and protective packing.
- (7) Offer is for a short time only. Orders received too late will be promptly returned to senders.

CHECK QUANTITY BELOW

- Send **ONE** only. I enclose \$4.37 plus 62¢ postage & handling. Total \$4.99.
- Send **TWO** Binoculars (LIMIT). I enclose special bargain price of \$8.95 for both postpaid. **You save an extra \$1.03!**

New York State residents please add appropriate sales tax.

PRINT NAME _____

ADDRESS _____ APT. # _____

CITY _____

STATE _____

ZIP CODE _____

2013