



Illinois
R.E.N.
RURAL ELECTRIC NEWS
October, 1969



National News Notes

Enough power for future?

■ "As far as electricity is concerned," says the New York Times, "the wave of the future may have broken. Utilities that were considering nuclear power plants have been turning back to the older coal and oil fired stations. It is simply a matter of availability—nuclear plants take too long to build. Power planners are not certain about the future when the demand for electricity will stagger the present capacity of U.S. utility companies. It is estimated that the country will need half again as much energy annually by 1980 as it did in 1965—and almost 2½ times the 1965 level by the year 2000"

Consumers plan program for protection of buyers' rights

■ Howard Frazier, associate director of the Office of Consumer Services, Department of Health, Education and Welfare, has been elected president of Consumer Federation of America at its annual meeting. He succeeds the Rev. Robert J. McEwen. Father McEwen is chairman of the Department of Economics, Boston College.

Mr. Frazier is retiring from his government post to "devote a substantial amount of time to CFA activities." He formerly served as director of field operations of the President's Committee on Consumer Interests.

Mrs. Erma Angevine, executive director of CFA, in her annual report listed 36 issues on which CFA took firm stands during the past 16 months in support of the four basic rights of consumers: the right to safety, the right to be informed, the right to choose and the right to be heard.

The platform adopted by delegates includes a section on energy and natural resources. It asserts that all consumers, no matter who they are served by, are entitled to low-cost, abundant and reliable energy consistent with proper use of natural resources.

The platform urges establishment of a federal program patterned after REA to assist in formation of consumer-owned electric utilities in urban areas where utility rates are excessive or service is inadequate.

It urges establishment of a utility section in the antitrust division of the Justice Department to help guarantee that all utilities have a fair chance to participate in joint ventures which would provide lower cost power to consumers. And it stresses the need for adequate REA loan funds appropriations with special emphasis on generation and transmission requirements.

More help for rural housing

■ The housing and urban affairs subcommittee of the Senate Banking Committee has approved NRECA proposals that would improve Farmers Home Administration efforts to finance more new and rehabilitated homes in rural areas. The principal action, if approved by the full House and Senate, would lift the ceiling on the Farmers Home Administration revolving housing fund from \$100-million to \$350-million. This could help finance 300,000 new and rehabilitated homes annually in rural America.

Published by
 Association of Illinois Electric
 Cooperatives

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CONTENTS

ARTICLES

Athens Man New AIEC President	4
The End to Overhead Lines?	5
WIPCO: A Dream Come True	6
Co-op Leaders Honored	7
Cooperatives Share Lead In Progress	8
Consumer Progress	10

FEATURES

What's New	14
Smile Awhile	16
Rice—A Good Mixer	18 & 19
From Clotheslines to Electric Marvels	20
Timely Tips	21
Patterns	22
Rural Exchange	23

ILLINOIS R.E.N. RURAL ELECTRIC NEWS is the official monthly publication of the Association of Illinois Electric Cooperatives. Subscription price, \$2.00 per year. Advertising and editorial inquiries should be directed to the Illinois Rural Electric News, Box 3787 Springfield, Ill. Second class postage paid at Springfield, Illinois and at additional mailing offices. Postmaster: in using Form 3579, address to Illinois Rural Electric News, Box 3787, Springfield, Ill. 62708. Please do not clip off key number.

National advertising representative: Southwest Dailies, 360 N. Michigan Ave., Chicago, Illinois. Member, Illinois Press Association.

"Progress Through People"

Did you ever wonder why electric cooperative members throughout the state say with such seriousness that their organizations are, indeed, "Good for All Illinois?"

This October, Cooperative Month, is a good time to consider the question which has so many answers.

One is that rural electrification has created a rural market for electrical appliances and equipment estimated at more than \$1 billion a year, nationally.

These goods are manufactured mostly by city workers and distributed through Main Street merchants. Thus one need not be a cooperative member to benefit from cooperative programs. Town and city businesses benefit. So do urban union members.

RURAL AREAS, also are changing. And in this change, electric cooperatives play a vital role.

Drive through the Illinois countryside these days and you'll note the increasing number of industrial plants, some quite large, that have quietly appeared on the scene.

(Illinois Rural Electric News, incidentally, is printed on a quarter-million dollar press in a large and spacious new plant several miles outside Columbia, Missouri. Its electricity comes from an electric cooperative. And the firm, American Press, itself is affiliated with Missouri Farmers Association—another cooperative.)

Such plants are of vital importance to the economy of urban areas. They provide employment for rural district residents. This lessens the need for migration to the cities. And this, in turn, tends to diminish some of the problems mass migrations have imposed on metropolitan areas.

ILLINOIS ELECTRIC cooperatives are substantial businesses—and taxpayers—within their own areas. Late figures show they operate 47,638 miles of line to serve 148,110 farm families and rural consumers.

They have a total plant investment of \$178,900,000. They provide employment directly for nearly 1,100 men and women. In one recent year they paid \$2,061,573 in taxes.

But we believe that one of the most important reasons they are "Good for All Illinois" is the splendid leadership they and their members provide in the current attack on problems facing our rural areas—problems that must be solved if these areas, and all of Illinois are to achieve their destiny.

Leadership. Determination. Skill. Concern for others. These are qualities our electric cooperatives offer Illinois, and these will help make our great state even more magnificent.

OUR COVER—AIEC directors before state association headquarters in Springfield: Front row, from left, Max S. White, Chrisman; Edward C. Timpner, Pinckneyville, secretary; Menard Luebbers, Jr., Carlyle, vice president; Robert F. Zook, Athens, president; Raymond W. Rustenberg, Valmeyer, Homer T. Brown, New Holland, and F. J. Longmeyer, Greenfield. Second row, Ralph Hastings, Louisville; Le Rue Tice, Shelbyville; Charles R. Sanders, Sullivan; Milo Thurston, Pulaski; Philip Hegemeier, Nashville; Arthur Brackebusch, Divernon, and Bill Cadle, Marion. Third row, Charles C. Cole, Penfield; Alva Mixer, Mendon; Charles E. Krejci, Edwardsville; Roy E. Horton, Princeton; Thomas Johns, Delavan; Harold Shepherd, Albion; Paul Mallinson, Geneseo, and Thomas H. Moore, general manager, AIEC. Fourth row, Victor Ricke, East DuBuque; G. N. Hodge, Milford; Raymond Irish, Colchester; Robert R. Wagner, Burnside; Clement Ikins, Onarga; Harold Negley, Canton; Clarence Doerr, Irving, and Richard Mosby, McClure.

Athens Man New AIEC President



Robert F. Zook and his wife, Virginia, in front of their farm home with their sons, Robert, 16, and John, 5.

By Charles E. Albright

The 11th president of the Association of Illinois Electric Cooperatives is a Menard County farmer steeped in the traditions of rural life and grateful for its conveniences and opportunities.

Robert F. Zook of Athens r.r. 2, who followed his father, Archie, as a director of Menard Electric Cooperative, has a history of long concern for rural electrification.

"Actually, I remember the days of coal oil lamps when it was not possible to get electricity on our farm until Menard Electric Cooperative was formed," he said in a recent interview. "We got power on the farm in 1938 and I've been deeply interested in electric cooperatives ever since."

RAISED ON A FARM 2½ miles northwest of Athens, he attended the one-room Damascus Grade School, Athens High School and was graduated in 1949 from the University of Illinois with a degree in agriculture.

Returning to the homeplace where he now farms 409 acres, Mr. Zook soon assumed leadership in various community activities.

He first was elected to Menard Electric's board of directors in March 1963, has been that board's secretary since 1966 and is beginning his third year on the statewide board. At the AIEC annual meeting in August this year, he was elected the statewide president, suc-

ceeding Raymond W. Rusteberg of Valmeyer who was the AIEC president since 1964.

In addition to his electric cooperative positions, Mr. Zook is president of the Culver-Fancy Prairie Co-op Elevator, a director of the Athens State Bank, a member of the Athens Community Unit Board of Education, chairman of the board of trustees of the Athens United Methodist Church, a member of the Menard County Farm Bureau and a former director of the Sangamon County Farm Bureau-Farm Management Service.

"Our electric cooperatives and farm organizations are doing a good job in providing service at competitive prices, and the second and third generation members must understand and appreciate how these important contributions have come about," the new AIEC president said in a paneled room at his home.

"These new members," he continued, "must be encouraged to become fully informed so that they will have the interest and dedication of those who made it possible for these service organizations to exist."

MR. ZOOK LOOKS to both the AIEC and the National Rural Electric Cooperative Association as strong weapons of the individual electric cooperatives faced with a future that promises quickening change.

"The local cooperatives," he said, "must work hard with their members on the modern uses of electricity. Our state and national organizations must stay alert on the legislative front as well as assist in many other fields.

"Rural area development will be given even more attention as non-farm people become more and more dependent for service from the electric cooperatives and as rural areas are used more and more for recreation.

"It promises to be a busy future and I'm confident that if we work together it will be a bright one as well."

An active soil and water conservationist, Mr. Zook enjoys fishing with his two sons on a 2½-acre lake on the family farm.



The End to Overhead Lines?

Illini Electric Cooperative, in a practical field test, has placed a section of "primary" electric cable underground to better learn the feasibility of burying lines now stretching from pole to pole across the countryside.

"This is an extremely interesting project which should provide much valuable information needed to determine if, and how soon, it will be practical to bury primary lines on a large scale," Walter R. Smith, cooperative manager, said recently in his Champaign office.

(Illinois electric cooperatives have been installing "secondary" services underground for several years. Secondary services are those power lines from the transformer to the member's meter. Primary lines carrying a much higher voltage require higher quality insulation when buried, substantially increasing costs.)

Mr. Smith said the cooperative's staff and board of directors for some time have been interested in putting both secondary and primary lines underground. Interest was intensified by an ice storm which caused nearly \$1 million damage to Illini Electric's system.

HOWARD F. SCHWEIGHART, the cooperative's operating superintendent, was one of those who had studied underground installations even before that disastrous ice storm, and with the problems and costs of the storm, he became even more determined to look at new possibilities. His proposals and supervision are credited by Manager Smith as some of the reasons why the underground study is encouraging.

The cooperative's research project involves a two-mile section of 7,200-volt line north of Philo in Champaign County. The section had to be rebuilt because of the widening of Illinois Route 130.

Rebuilding the line overhead to follow the new highway's right-of-way would have involved installing



Raymond Weiss, Illini Electric Cooperative staff assistant, checks a sign calling attention to electric lines buried 42 inches in an underground experimental project.



several angle structures, increasing costs above normal. So, it was decided this would be an appropriate place to bury a primary line and make a cost comparison.

"Even though overhead costs would have been higher than normal, it still cost approximately twice as much to install the line underground," Mr. Smith said. "But you have to figure other factors such as maintenance and replacement costs. They could be lower with underground installation.

"A reasonable expectation is that, once lines are buried, you're much less likely to have troublesome outages and all the costs that go with them. This should help justify the higher installation costs.

"But it may take as long as five to seven years to learn what the elements do to buried cable. It could become corroded, making early replacement necessary."

ANOTHER FACTOR mentioned by Mr. Smith is the value of existing lines themselves. Those lines represent a significant investment and cannot be prematurely replaced without great expense.

"In the future, perhaps within 10 years, we can expect most new primary lines of 7,200 volts to be built underground, but we certainly aren't in position now to do this on a large scale," the manager continued.

"We do cooperate with our members who want to put their service lines underground. (Illini Electric members, like other electric consumers, are responsible for the electrical wiring on their side of the meter.) And we're pleased to work with developers of subdivisions where a greater density of consumers makes underground more feasible economically.

"And when it becomes possible to put our primary lines underground, we want to be ready. That's the reason for this experiment."



WESTERN ILLINOIS ELECTRICAL COOPERATIVE PLANT DEDICATED

A Bright Dream Comes True

By John F. Temple



Hamil



Brown



Findley



Bringman

There it sits on the bank of the Illinois River, a sparkling new, quietly efficient power plant, helping to provide electric energy to nearly 35,000 member-owners of seven electric distribution cooperatives in 23 west central Illinois counties.

Its creation is the fulfillment of a dream long held by electric cooperative leaders of that broad area. They are convinced its establishment means greater prosperity, security, convenience—and a fuller life—for all residents, town and country alike.

On a recent Sunday afternoon more than 1,000 persons from throughout much of Illinois gathered at the site for dedication of the Pearl Station steam generating plant of the Western Illinois Power Cooperative.

The cooperative's headquarters are in Jacksonville. The Pearl Station is some 45 miles southwest of Jacksonville.

AT THE DEDICATION visitors heard David A. Hamil of Washing-

ton, administrator of the Rural Electrification Administration (REA), praise founders of the power cooperative. He declared:

"I dedicate this plant to the furtherance of rural electrification in Illinois.

"With this steam generating plant and your other power sources," the administrator said, "you at WIPCO are able to provide the electric service essential to industrial and community development.

Total cost of the Pearl Station was \$6,500,000. Its construction was made possible through an REA loan that will be repaid with interest.

REA, the administrator said, has loaned nearly \$7 billion dollars to construct 1.7 million miles of line in 46 states. Thus far there have been only two repayment failures involving only a few thousand dollars. No other organization, public or private, has matched this outstanding record, Mr. Hamil said.

LISTENING in the audience were many who had struggled for

years to bring WIPCO into existence as a vital source of power for cooperative members.

One was John Sargent of Rushville r.r. 1, a WIPCO incorporator and a veteran cooperative leader. He stood straight and tall as he was introduced, looking out over the throng and thinking back of problems and obstacles that sometimes seemed too great to be overcome. But today. . . WIPCO was a dream no longer.

Other incorporators are Herbert M. Fleming, Ipava; Harold S. Huey, Plymouth; F. J. Longmeyer, Greenfield, and Charles F. Miller, Industry.

OPTIMISM of cooperative leaders was shared by Congressman Paul Findley who also came from Washington for the dedication.

"Electric cooperatives are here to stay," the legislator said. They and other cooperatives have helped to transform American agriculture, and their job is not done.

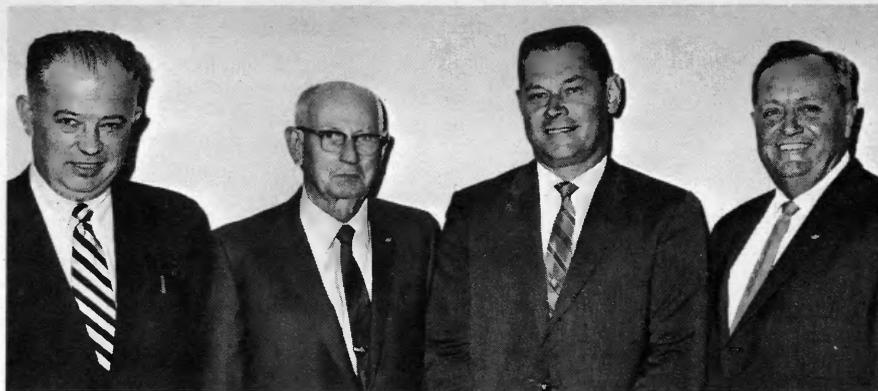
"Rural America is on the threshold of an exciting new era of economic development," he continued.

"Increasingly, country areas will be utilized for employment not directly connected with growing crops. Industries will be encouraged to decentralize to smaller communities and draw their employes from rural homes. Examples of this trend are to be found already in many parts of Illinois."

The congressman said plans for a National Rural Utilities Cooperative Finance Corporation have his strong support. "In my view," he said, "this represents a sound businesslike approach to a serious business problem. Those who have formulated it deserve our warmest congratulations and support."

Among others on the dedication program were Homer T. Brown, New Holland r.r. 1, president of WIPCO and a long-time cooperative leader, and Donald B. Bringman, manager of the cooperative. Mr. Bringman outlined steps leading to the creation of WIPCO. He said its purpose is to assure an adequate source of low-cost, dependable power without unreasonable restrictions.

The seven cooperatives which founded WIPCO are Adams Electrical Co-Operative, Camp Point; Illinois Rural Electric Co., Winchester; M. J. M. Electric Cooperative, Carlinville; Menard Electric Cooperative, Petersburg; Rural Electric Convenience Cooperative Co., Auburn; Spoon River Electric Co-operative, Canton; and Western Illinois Electrical Coop., Carthage.



State Board of Agricultural Advisors officers, from left, with Director of Agriculture John W. Lewis: Albert J. Cross, H. B. Ihnen, Russell Stauffer and Director Lewis.

Two Cooperative Leaders On State Advisory Board

Albert J. Cross, director of legal and public affairs for the Association of Illinois Electric Cooperatives, has been elected chairman of the Board of Agricultural Advisors to the Illinois Department of Agriculture.

Raymond W. Rusteberg of Valmeyer, immediate past president of AIEC and president of Monroe County Electric Co-operative of Waterloo, is a member of the advisory board.

John W. Lewis, director of the State Department of Agriculture, told the board at its recent organizational meeting:

"I look forward to the concern and advice that this group has to

offer in regard to agriculture in our state. There are many things that need to be done to strengthen our rural economy. I am certain the agricultural advisors will be very helpful in this regard."

The board was nominated by Governor Richard B. Ogilvie and confirmed by the Illinois Senate. Members serve two-year terms without pay.

H. B. Ihnen of Quincy, a former state representative and manager of more than 5,000 acres of farmland, has been named vice chairman of the board. Its secretary is Russell Stauffer of Durand, master of the Illinois State Grange.

Other members include:

Charles S. Greene, White Hall, a farmer and a director of Rhom & Hass Chemical Co.

Edgar Hall, Mt. Vernon, state president, National Farmers Organization.

Dr. Wendell E. Keepper, dean, School of Agriculture, Southern Illinois University.

William J. Kuhfuss, Mackinaw, president, Illinois Agricultural Association.

Paul Lewis, New Berlin, owner of a 900-acre farm and a member of the University of Illinois Extension Board.

John S. McVickar, Macomb, a professor in the Department of Agriculture, Western Illinois University.

C. W. Mitchell, Galesburg, editor, the Poland China World magazine.

Orion Samuelson, Deerfield, farm service director, WGN Radio-TV.

Walter F. Sass, Chicago, president of the Cook County Truck Gardeners and Farmers Association.

Raymond J. Watson, Odell, president, Illinois Farmers Union.



Harold E. (Gene) Shutt, left, Illinois Commerce Commission electrical engineer, with Thomas H. Moore, AIEC general manager, at WIPCO dedication.

Cooperatives Share Lead In Progress

Across the nation today leaders in all walks of life are observing Cooperative Month by considering anew how individuals, or organizations, through cooperatives, are contributing to progress to an extent that would otherwise be impossible.

Theme of Cooperative Month 1969 is "Progress through People," and well it might be.

The nation's nearly 1,000 member-owned electric cooperatives in 46 states today provide power for nearly 20 million persons. In Illinois, 27 distribution cooperatives provide electricity for more than a half-million persons.

IN WASHINGTON, President Nixon declared recently:

"Today almost 21 million persons belong to credit unions in the United States. This is double the membership of a decade ago. Millions of Americans also meet part or all of their needs for electric power, telephone service, housing, insurance, recreation, and many consumer goods through cooperative action.

"Because I have seen the progress people have made by acting together, I have pledged assistance to cooperative programs for farm and rural people. I believe cooperative self-help effort is a vital element in improving the economic position of farm families and expanding opportunity throughout rural America.

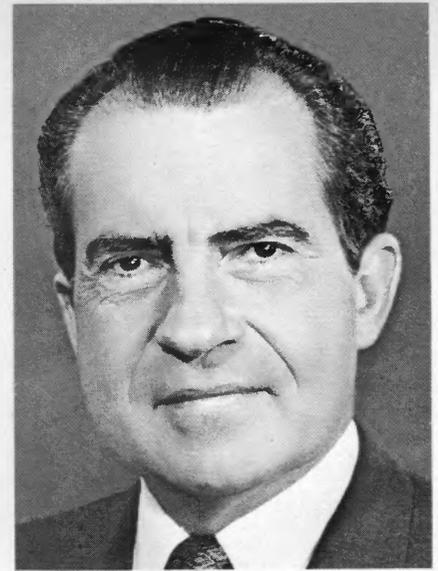
"Progress through people is a timely, meaningful theme for Cooperative Month 1969. But more than this, it is an invitation to every American to give fully and generously of his time, energy and talent toward the greatest public good."

AND IN SPRINGFIELD, Governor Ogilvie said in a Cooperative Month proclamation:

"People of the state should be aware of the valuable contributions cooperatives make to our society and



Governor Ogilvie



President Nixon

the positive force they generate in the state."

He called upon all citizens "to recognize the economic and social impact cooperatives generate in our state. Furthermore, I urge cooperative leaders and educators to make special effort to inform the people of the state about opportunities available through cooperative business enterprises."

ROBERT F. ZOOK, Athens, president of the Association of Illinois Electric Cooperatives, pointed out that one third of all Illinois families belong to one or more cooperatives. They contribute immeasurably to the prosperity of all segments of the state's population. And that is one reason, Mr. Zook said, why cooperative members have adopted with pride the slogan, "Electric Cooperatives—Good for All Illinois."

In Washington, in Springfield, and throughout the state and nation, special programs are being staged this month in salute to public spirited cooperatives.

Top public officials are playing leading roles in the observances. And

all kinds of cooperatives are joining forces.

IN SPRINGFIELD, for instance, the fourth annual cooperative month recognition dinner was planned by the Illinois Cooperative Coordinating Committee. Members included:

Dr. Dale E. Butz, secretary of marketing, Illinois Agricultural Association, chairman, Bloomington; Dr. Walter Wills, chairman, Department of Agricultural Industries, Southern Illinois University, Carbondale; Thomas H. Moore, general manager, Association of Illinois Electric Cooperatives, Springfield; Alfred F. Kennitz, director of public relations, FS Services, Inc., Bloomington; Dr. M. S. Williams, Cooperative Extension Service, University of Illinois, Urbana; G. R. Garner, manager, Production Credit Association, Charleston, and W. Everette Specht, vice president, St. Louis Bank for Cooperatives.

Cooperative Month, national leaders have said, is an opportunity to look back over the past 12 months, to measure the "progress through people" that has taken place, and to stake out new objectives for the coming year.

That is precisely what is happening in Illinois.

Increasingly Illinois electric cooperative members and their leaders have been turning their attention to ways in which they can help better the areas in which they live. They're interested in many phases of area development. They believe vast improvements lie ahead for their areas. And they are determined to lend all possible aid in bringing these dreams of great development to reality.

CO-OP MONTH
OCTOBER • 1969



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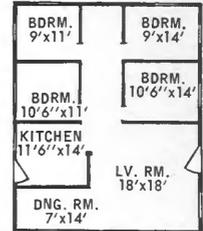


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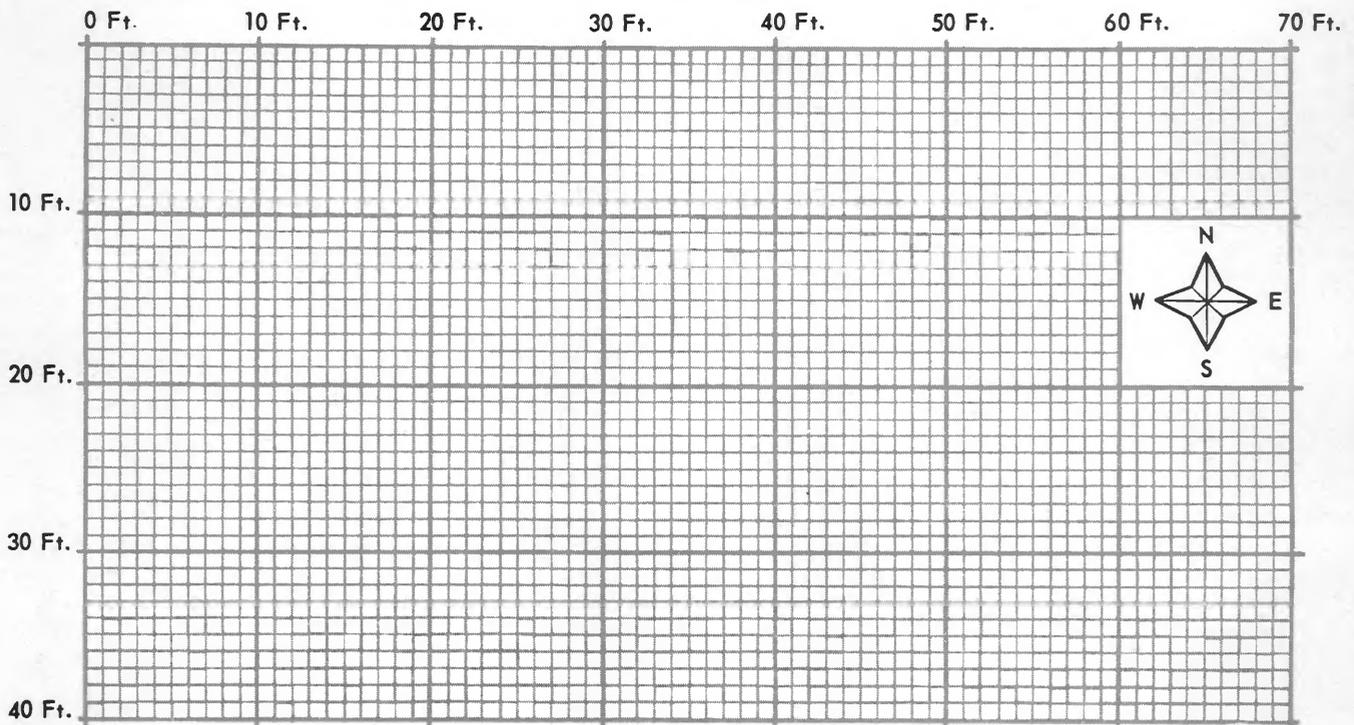
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 OR _____ ?) THICKNESS OF INSULATION IN WALLS: _____ WINDOWS: ARE FRAMES OF TIGHT CONSTRUCTION _____ ?
 ARE THEY CAULKED SECURELY WHERE THEY MEET WALLS _____ ? DO YOU HAVE STORM WINDOWS _____ ?
 OR DOUBLE GLASS CONSTRUCTION _____ ? ARE DOORS TO OUTSIDE PROTECTED WITH EXTRA STORM DOORS _____ ?
 IF YOU HAVE A BASEMENT OR CRAWL SPACE ADVISE THICKNESS OF INSULATION UNDERNEATH FIRST FLOOR ABOVE-
 BASEMENT OR CRAWL SPACE _____ NUMBER OF FLOORS: _____
 IF YOU HAVE A CONCRETE SLAB ADVISE WHETHER YOU HAVE PERIMETER INSULATION _____ ?
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New Skills For Young Consumers

By Stephen J. Child

Adult citizens of the 1970s and 1980s may be better able to cope with economic problems through an educational system now being formulated to increase the degree of economic literacy among present day teen-agers.

A new education "tool" is being developed in Illinois schools from the 8 to 12 grade level by providing study courses in the understanding of the functioning of our private enterprise system and how it affects individuals as income producers and consumers.

Supervised by the office of the superintendent of public instruction, the program was introduced in the 75th General Assembly by Senator Cecil A. Partee, Chicago, its major sponsor. Known as the "Consumer Education" law, the program has been undergoing a pilot study since 1968 and will go into full production in the 1970s.

Director of curriculum service for the program is Dr. William L. Johnston, Springfield. Supervisor of the program is Miss Marilyn Metcalf, Springfield.

MISS METCALF outlined the program at a recent meeting in Springfield of the Illinois Federation of Consumers executive board. Directors expressed keen interest.

Quoting from a guideline prepared by the committee on consumer education, Miss Metcalf said:

"The general concept of consumer education is preparation for wise and responsible citizenship. Students should be made to feel that they are 'living' now as truly as are adults; that their school is helping them live now more rewardingly; and that with each day and with each dollar they spend they are learning to build a better future for themselves and for others."

MISS METCALF pointed out that teen-age spending amounts to



Among those attending a recent Illinois Federation of Consumers board meeting are, from left, Dr. Karen Craig, Southern Illinois University; Thomas H. Moore, AIEC general manager and Federation president; Mrs. Helen Nelson, executive vice president of the Federation, and Miss Marilyn Metcalf, Springfield, supervisor of the consumer education program in Illinois public schools.

well over \$18-billion a year. It is predicted that by the early 1970s the buying power of U.S. teen-agers will exceed 20 billions.

Students need to explore, think about, and discuss what they want for others as well as for themselves, she added. Young people today perhaps as never before have a real need to understand social values. They need to understand and appreciate the democratic process.

Objectives of the consumer education program include: understand the role of the consumer in our economy; develop ability to make rational choices among alternatives; recognize and learn how to avoid pitfalls that could greatly reduce real income; develop skills to solve new consumer problems, develop basic economic understanding for responsible leadership; and understand different forms of economic organizations including cooperatives.

PILOT CONSUMER education programs are in existence in 12 Illinois areas. They are: Harvard, Proviso, Dixon, DuSable, Macomb, Delavan, Hoopston, Charleston, Roxana, Salem, Harrisburg and Anna. Schools range in enrollment from 240 to 7,500.

Since everyone is a consumer all of his life, according to the Consumer Education committee, it is extremely important that schools provide ed-

ucation that will enable students to be informed and conscientious buyers.

Miss Metcalf also pointed out that the attitude of teen-agers toward their skill in managing money will affect every area of their lives. They will face important consumer economic decisions in the years ahead when getting an education, choosing a career, starting a marriage, raising a family and paying taxes.

The consumer education program in the Illinois public school system will not be a course of study, but rather an implementation of courses in such fields as home economics, mathematics and social studies.

Consumer education topics outlined for teachers, are: general principles of consumer purchasing; budgeting or managing money; using consumer credit wisely; buying goods and services; using leisure time, money and energy; renting or owning a home; making use of insurance; savings and investments; taxes and rights and responsibilities.

The consumer education program expects to utilize educational TV stations to supplement the work in the junior high schools, Miss Metcalf said.

By 1971 the program is expected to be in full force and may eventually be expected to reach the elementary level as well as colleges.

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DEUTZIA, snow white .29	1.39
MOCK ORANGE, white .29	1.39
*PINK SPIREA, pink .19	.89
*ALTHEA DOUBLE, red, pink, white .29	1.39
PUSSY WILLOW, bears catkins .39	1.89
RED BUSH HONEYSUCKLE, red .29	1.39
PINK WEIGELA, pure pink .29	1.39
HYDRANGEA P. G., pinkish white .29	1.39
CYDONIA JAPONICA, red flowers .39	1.89
PERSIAN LILAC, old favorite arch .59	2.79
*SNOWBALL, white flowers .39	1.89
WISTERIA VINE, purple flowers .49	2.39
PINK BUSH HONEYSUCKLE, pink .29	1.39
FLOWERING ALMOND, pink flowers .39	1.89
*PINK AZALEA, pink .39	1.89
FLOWERING CRAB, red or pink .49	2.39
*CLEMATIS VINE, white flowers .49	2.39
COMMON PURPLE LILAC, purple .49	2.79
RED BARBERRY, 1 to 2 ft. .59	2.79
TAMARIX, lavender pink .19	.89
ALTHEA ROSE OF SHARON .19	.89
RED ALTHEA .19	.89
RED SNOWBERRY, red berries .39	1.89

(Above shrubs 1 to 2 ft. tall, 1 to 2 yrs. old)

SHADE & FLOWERING TREES

Each	3 for
MAGNOLIA, 1/2 to 1 ft. .39	\$1.09
SILVER MAPLE, 1 to 2 ft. .29	.83
SILVER MAPLE, 3/2 to 5 ft. .69	1.98
MIMOSA, 1/2 to 6 ft. .89	2.59
*RED BUD, 5/2 to 7 ft. .89	2.79
*WHITE FL. DOGWOOD, 2 1/2 to 4 ft. .49	1.39
RED FL. PEACH, 2 1/2 to 4 ft. .98	2.79
PINK FL. DOGWOOD, 1 to 2 ft. .98	2.79
RED LEAF PLUM, 2 1/2 to 4 ft. .98	2.79
*TULIP TREE, 4/2 to 6 ft. .98	2.79
GOLDEN RAIN TREE, 1 to 2 ft. .89	2.59
MAGNOLIA SOULANGEANA, 1 1/2 to 2 ft. 1.69	4.79
GINKGO TREE, 1 to 2 ft. tall .89	2.59
LOMBARDY POPLAR, 5/2 to 7 ft. .89	2.59
*SWEET GUM, 3/2 to 5 ft. tall .89	2.59
PIN OAK, 1 to 2 ft. .79	2.29
SYCAMORE, 3/2 to 5 ft. tall .89	2.59
RED OAK, 1 to 2 ft. .79	2.29
WEEPER OAK, 1 to 2 ft. .59	1.69
*WEEPING WILLOW, 4 1/2 to 6 ft. .89	2.59
SCARLET MAPLE, 4 1/2 to 6 ft. .89	2.59
*TREE OF HEAVEN, 3 1/2 to 5 ft. .89	2.59
GOLDEN CHAIN TREE, 1 to 2 ft. .89	2.59
CHINESE ELM, 2 to 3 ft. tall .39	1.09
*MOUNTAIN ASH, 2 to 3 ft. .98	2.79
*WILLOW OAK, 1 to 2 ft. .59	1.69
PURPLE LEAF PLUM, 1 to 2 ft. .98	2.79
NORWAY SPRUCE, 1 to 2 ft. .89	2.59
*CUCUMBER TREE, 2 to 3 ft. .89	2.59
LINDEN TREE, 1 to 2 ft. .98	2.79

(All above trees are 1 or 2 yrs. old)

BULBS & PERENNIALS

Each	3 for
PAMPAS GRASS; white plumes .29	\$1.39
CANNAS, colors; red, pink, yellow .25	1.19
PEONIES; red, pink, white .69	3.29
IRIS; blue, white, purple, yellow .19	.89
HOLLYHOCKS; mixed colors, roots .25	1.19
SHASTA DAISY; root divisions .25	1.19
RED CARNATION; red .25	1.19
ORIENTAL POPPY; scarlet .25	1.19
CREeping PHLOX; pink, blue, white .25	1.19
GLADIOLA; red, pink, yellow .08	.39
HIBISCUS; giant blooms .25	1.19
*VIOLETS; hardy, blue .19	.90
*CHRISTMAS FERNS; for outdoors .08	.39
TRITOMA; red hot poker .25	1.19
HARDY ASTERS; red, pink or blue .25	1.19
CUSHED MUMS; red, yellow, pink .25	1.19

(All Perennials and Bulbs are 1 yr. or older)

FRUIT TREES

PEACHES: Varieties; Elberta, Hale Haven, Indian Cling, Early Elberta, J.H. Hale, Mayflower. Prices 2 to 3 ft. 69¢; 3 ft. to 4 ft. \$1.09.
 APPLES: Varieties; Red Delicious, Red Jonathan, Red Staymen, Winesap, Yellow Delicious, Grimes Gold, Lodi, Yellow Transparent. Prices 3 ft. to 4 ft. tall 89¢; 4 ft. to 5 ft. \$1.29.
 APRICOTS: Varieties; Moorpark, Early Golden. Prices 2 ft. to 3 ft. tall 89¢; 3 ft. to 4 ft. \$1.29.
 CHERRIES: Varieties; Early Richmond, Montmorency. Prices 2 ft. to 3 ft. \$1.09; 3 ft. to 4 ft. \$1.69.
 PEAR: Varieties; Bartlett, Garber, Kelfter, Douglas. Prices 2 to 3 ft. \$1.09; 3 ft. to 4 ft. \$1.29.
 PLUMS: Varieties; Bruce, Blue Damson, Burbank, Red June. Prices 2 to 3 ft. 89¢; 3 ft. to 4 ft. \$1.29.
 GRAPE VINES: Concord, Niagara. Prices 1 year old 69¢; 2 years old 89¢.
 CHINESE CHESTNUT; 2 to 3 ft. \$1.49.
 BLACK WALNUT; 1 to 2 ft. 79¢ ea.
 HARDY PECAN; 1/2 to 1 ft. 98¢ ea.; 1 to 2 ft. \$1.29 ea. (All above trees 1 or 2 yrs. old)
 BLACKBERRY; 1 yr. plants 1/2 to 1 ft. 25¢ ea.
 DEWBERRY; 1 yr. plants, 1/2 to 1 ft. 25¢ ea.
 RASPBERRY; 1 yr., 1/2 to 1 ft., red or black 39¢ ea.
 YOUNGBERRY; 1 yr., 1/2 to 1 ft. 25¢ ea.

DWARF FRUIT TREES

Heavy demand for Dwarf Fruit Trees where planting space is limited.
 DWARF PEACH: Varieties; Dwarf Heap Big Indian Cling, Dwarf Belle of Georgia, Dwarf Early Elberta, Dwarf Elberta, Dwarf Hale Haven, Dwarf J.H. Hale. Prices 2 to 3 ft. \$2.29; 3 to 4 ft. \$2.59; 4 to 5 ft. \$3.29.
 DWARF APPLE: Varieties; Dwarf Double Red Delicious, Dwarf Yellow Delicious, Dwarf Double Red, Jonathan, Dwarf Lodi. Prices 2 to 3 ft. \$2.29; 3 to 4 ft. \$2.59; 4 to 5 ft. \$3.29.
 DWARF SOUR CHERRY: Varieties; Natural Dwarf, Dwarf Meteor, Dwarf North Star. Prices 2 to 3 ft. \$2.29; 3 to 4 ft. \$2.59; 4 to 5 ft. \$3.29.
 DWARF PEAR: Varieties; Dwarf Sure Crop, Dwarf Bartlett, Dwarf LeConte, Dwarf Seckel. Prices 2 to 3 ft. \$2.29; 3 to 4 ft. \$2.59; 4 to 5 ft. \$3.29.
 DWARF PLUM: Varieties; Dwarf American, Dwarf Bruce, Dwarf Sapa, Dwarf Gold, Dwarf Santa Rosa. Prices 2 to 3 ft. \$2.29; 3 to 4 ft. \$2.59; 4 to 5 ft. \$3.29.

HEDGE PLANTS

100 SOUTH PRIVET EVERGREEN HEDGE	for \$1.89
50 SOUTH PRIVET EVERGREEN HEDGE	for 1.39
25 MULTIFLORA FENCE ROSES	for 2.69
25 LOMBARDY POPLAR FOR HEDGE	for 2.79

(All Hedge 1 to 2 ft. tall, 1 or 2 yrs. old)

THIS MONTH'S DISCOUNT SPECIALS!

15 VIOLETS — \$1.00

Get this beauty bargain . . . 15 Violets for only \$1.00. Easy to grow, prolific bloomers, cover themselves with gay flowers.

CAMELLIAS — 89¢

Camellia Sasamquas are some of the most gorgeous flowers grown, astonishing spring after spring with their sheer beauty. Fine Southern plants.
 CLEOPATRA . . . large red flowers
 MINE-NO-YUKI . . . double white
 PINK SNOW . . . fine grower, pink
 TEXAS STAR . . . light mauve pink
 SETSUGEKKA . . . white, splashed pink
 Prices on blooming size, 89¢ ea.; 3 for \$2.59.
 (All above plants, 1 to 2 ft. tall, 1 or 2 yrs. old)

15 IRIS — \$1.00

*These 15 IRIS come in assorted colors. These planting stock Iris are root divisions, fresh and healthy. GET 15 OF THESE BEAUTIFULS FOR ONLY \$1.00.

10 CUSHION MUMS \$1.00

These gorgeous CUSHION MUMS are good growers, develop into large, sturdy plants, and normally develop to big basket size when matured. . . covered with dazzling flowers, each flower 1 to 2 inches diameter. All plants are hardy, fieldgrown, root divisions. Assorted colors of reds, pinks, yellow, etc., as available. GET 10 GIANT CUSHION MUMS for just \$1.00.

AZALEAS — 89¢

Azaleas are popular throughout the country. . . loved and admired by most folks. They burst into bloom in a gorgeous array of colors that cover the entire plant . . . a riot of blazing colors . . . a sight seldom seen in flowerdom.
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 SALMON BEAUTY . . . bell-shaped, pink flowers
 PINK PEARL . . . lush salmon, pink
 HINO-CRIMSON . . . large pink, shaded white
 Prices on blooming size Azaleas: 89¢ ea.; 3 for \$2.59; 6 for \$4.98.

BABY DOLL ROSES — 79¢

Exquisite little Polyanthas, often called "Baby Doll" roses. A myriad of penny size blooms in clusters . . . make one big splash of color. Heavy bloomers.
 IDEAL . . . dark red
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These are semi-dwarf roses, bloom profusely in large heads.
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Financial planning gets close attention from REA instructors Watkins W. Woodson (left in photo above) and Joseph F. Hanson and from students (from left in photo below) S. J. Miller, Fairfield; Josephine Timmerman, Melvin Toennies, both of Breese, and Bill Endicott, Fairfield.

Planning--For

“Continuous, adequate, dependable electric power can come about only with adequate planning and good management.”

And there's going to be a much greater need for abundant electricity in rural areas, continued Watkins W. Woodson as he explained the purpose of a recent two-day workshop for Illinois electric cooperative personnel.

THE WORKSHOP, he said, was conducted so that better plans, particularly financial plans, can be developed as an effective tool of management.

Mr. Woodson and a fellow Rural Electrification Administration representative, Joseph F. Hanson, conducted the workshop at which 39 persons studied recommended procedures and shared ideas so that even more complete long-range financial plans can be prepared for the individual cooperatives.

“To be successful you have to plan



ula for Success

where you're going, and this is more necessary now than ever before," Mr. Woodson said.

He commended the workshop participants as "a dedicated and attentive group eager to carry on in the spirit of service that has made the rural electrification program so effective all across the country."

MR. HANSON also spoke of the group's desire to learn more about modern management tools as he stressed the continuing need for efficient business practices. Then he said: "I've visited every electric cooperative in six states and the Illinois people probably have a little more pride in their work than even the people in the other states."

Those attending the workshop included cooperative managers, their assistants, office managers, accountants, bookkeepers and other office personnel from 21 Illinois electric cooperatives.



Robert H. Neece (from top), Jack A. Compton, both of Greenville, and Kent B. Sullivan, Macomb, pore over paper work as they study modern management tools.



Calculators, computers and the like will gain increasing use of electric cooperative office employes such as David Dzurisin and Dorothy Eaton, both of Princeton.



The need for advance planning becomes even more important for electric cooperative leaders such as J. Lowell Eddleman (left) and R. T. Reeves, both of Dongola.

What's New?



● Decorator Panels

Wood-grained decorator panels add to the attractiveness of Whirlpool's 1970 line of electric washers and dryers. A "finish guard" feature on the dryers reminds the homemaker at the end of the permanent press cycle to remove the clothes. If she is out of the house or busy at that particular time, "finish guard" will restart the dryer every five minutes, gently fluff the clothes for ten seconds and then buzz again. The dryer also has special cool-down care for permanent press fabrics.



● Humidifier

A disposable plastic film water tank liner fits into the eight-gallon water tank of Arvin's whole-house humidifier models for 1970. There is an automatic humidistat with a control switch at the top of the console finished in rust and corrosion resistant metallic bronze enamel. It has a suggested retail price of \$59.95.



● Scuttle Light

A versatile "scuttle light" that permits easy access to the attic while providing two-way illumination has been introduced by the Builder Products Division of Emerson Electric Co., 8100 Florissant, St. Louis, Mo., 63136. The recessed fixture can illuminate the attic as well by removing the diffuser and flipping the top scuttle panel over into the attic. This also clears the way for entering the attic. Easy to install, it's available in two sizes, 22 by 22 inches and 22 by 30 inches.

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BACK TO SCHOOL

"Are your mother and father in?" asked the teacher when the small boy opened the door.

"They was in," said the boy, "but they is out now."

"They was in! They is out!" exclaimed the teacher. "Where's your grammar?"

"Out in the kitchen baking cookies."

* * * * *

NO PROBLEM

"No license, lady?" growled the traffic cop. "Don't you know you can't drive without one?"

"That explains everything," she exclaimed. "I thought it was because I was nervous and nearsighted that I hit two cars and ran into a fire hydrant."

* * * * *

THAT FIRST STEP

When the little girl returned home from her first day at school her father asked her what she had done.

"I did what all the other children did," said the little girl.

"That's good," smiled the father proudly. "What was it that you all did?"

"We cried," said the little girl.

* * * * *

COURAGE

"Did I ever tell you about the time I came face to face with a lion?" asked Steve.

"No, what happened?" responded Dave.

"There I stood without a gun. The lion growled ferociously and crept closer and closer . . ."

"What did you do?"

"I moved on to the next cage."

* * * * *

HARD LIFE

"My life has not been an easy one," a gentleman draped over a bar informed an acquaintance he had just picked up. "I've been widowed three times. The first two wives died of eating poisoned mushrooms. The third, poor thing, passed away as the result of a concussion."

"A concussion, you say?" murmured the new acquaintance. "How did that happen?"

"A very sad case," sighed the widower. "I couldn't get her to eat the mushrooms."

SAFETY FIRST

It seems this fellow was really brainwashed about using his lap belt—used it constantly. But one day he put his own auto in the shop for minor repairs, and was given a beltless loaner by the garage.

Everything was fine until he reached his destination, unbuckled, and got out.

His pants fell down.

* * * * *

THE LAST LAUGH

Christine's favorite old beau paid us a visit, with his wife, while driving through town. Pleasant people, but I couldn't figure why Christine enjoyed it so much.

"Because he's such a nice man?" I asked. "No," she replied, "because she's such a fat lady."

* * * * *

SURE CURE

The fellow was in great agony with a toothache when he arrived at his office one morning. He got a lot of useless advice from his fellow workers and one of them said: "Last week I had a bad toothache too, but it didn't last long. My wife just kissed it and loved it away."

"That's marvelous," the ailing fellow said. "Is she home now?"

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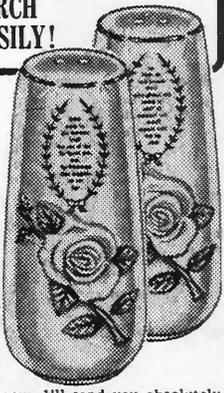
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STATEMENT OF OWNERSHIP MANAGEMENT AND CIRCULATION
 (Act of October 23, 1962; Section 4369, Title 39, United States Code)

Date of Filing: September 17, 1969.
 Title of Publication: Illinois R.E.N. Rural Electric News.
 Frequency of Issue: Monthly.
 Location of known office of publication: Columbia, Mo. 65201
 Location of the headquarters or general business offices of the publishers: Springfield, Illinois 62707.
 Names and addresses of publisher, editor, and managing editor.
 Publisher: Association of Illinois Electric Cooperatives, U.S. 66 and Hoehchester Rd., Springfield, Ill. 62707.
 Editor: John F. Temple, U.S. 66 and Hoehchester Rd., Springfield, Ill. 62707.
 Owner: Assn. of Ill. Elec. Coops., U.S. 66 and Hoehchester Rd., Springfield, Ill. 62707.
 Known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages or other securities: None.
 Extent and Nature of Circulation:

	Average No. Copies Each Issue Preceding 12 Months	Single Issue Nearest Filing Date
Total No. copies printed (net press run)	128,782	129,105
Paid Circulation:		
1. Sales through dealers and carriers, street vendors and counter sales	None	None
2. Mail subscriptions	127,792	128,114
Total Paid Circulation	127,792	128,114
Free Distribution (including samples) by mail, carrier or other means	990	991
Total Distribution	128,782	129,105
Office Use, left-over, unaccounted, spoiled after printing	None	None
Total	128,782	129,105

I certify that the statements made by me above are correct and complete.
 (Signed) John F. Temple

COUNTRY LANES ARE CHANGING TO CAMPUS PATHS

... as community colleges grow in number all over America to help meet the needs of thousands of rural young people.

Take Kaskaskia College in rural southern Illinois. It began two years ago when Manager Joseph Heimann of Clinton County Electric Co-operative spearheaded an election and a local bond issue. Today, Joe Heimann serves as president of the Board of Trustees of Kaskaskia, which has an enrollment of 1400 students and expects 3000 by 1975.

Rural youth, here as elsewhere, are finding education where they want it . . . where their home is . . . in rural America.

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Mandarin Rice Salad
Ham and Rice Salad—

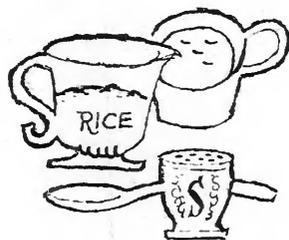
RICE--

a good mixer

A Rice and Vegetable Dressing will enhance the taste of a favorite meat dish,

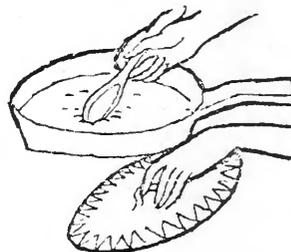


HOW TO COOK PERFECT RICE



For regular white rice, measure into saucepan:

- 1 cup uncooked rice
- 2 cups water or bouillon
- 1 teaspoon salt



Heat to boiling; stir. Cover tightly; cook over very low heat 14 minutes or until rice is tender, all liquid absorbed. Makes 3 cups.

For parboiled rice, use:
1 cup uncooked parboiled rice
2 1/2 cups liquid
1 teaspoon salt
Cook same way except increase cooking time to 20 to 25 minutes.

For brown rice, use:
1 cup uncooked brown rice
2 1/2 cups liquid
1 teaspoon salt
Cook, using same method as for regular white rice, except increase cooking time to 40 to 45 minutes.

Rice is a natural "mixer." It provides the perfect background for other tasty and colorful foods as it offers its own unique texture and "rice-y" flavor. Try these easy appealing casserole dishes:

RICE AND PORK CHOPS

6 or more pork chops
1 cup water
1 cup rice
¾ cup chopped onion
¾ cup chopped bell pepper
2 cups tomato juice
1½ teaspoons salt
½ teaspoon pepper

Brown pork chops and lay in bottom of baking dish and add all other ingredients. Bake at 350 degrees 1 hour.

RICE AND TENDER TURKEY

Mix 3 cups cooked rice with sliced ripe or pimiento-stuffed green olives. In a separate bowl, mix 2 cups diced cooked turkey with a small can of drained, sliced mushrooms. Then place alternate layers of the rice mixture and the turkey mixture in a greased 2-quart casserole, using 3 layers rice and 2 layers turkey. Pour in 1½ cups of thin white sauce. Garnish with blanched, slivered almonds and soft bread crumbs that have been mixed and moistened with melted butter. Bake 25 to 30 minutes in a 350-degree oven. Serve this delicious combination with almond-sprinkled broccoli, and perhaps a little cranberry sauce, if desired.

RING AROUND THE RICE

Cook 1 cup rice (should yield 3 cups). Add slivered stuffed or ripe olives. Pack into a well-greased 9-inch ring mold and bake 15 to 20 minutes in a 350-degree oven. Unmold and fill the center with beef stew, beef stroganoff, creamed turkey, or chicken a la king. For a special color and flavor note, serve this dish with harvard beets.

RICE AND PLENTIFUL CHICKEN

Slightly brown 1 cup uncooked rice in ¼ cup butter. Add 3 cups diced chicken, 1 cup crushed pineapple, 2 cups chicken broth and salt. Pour into a greased, 2-quart casserole and cover. Bake 1 hour in 350-degree oven, removing the lid for the last 10 minutes. Lima beans are the perfect dinner mate for this tasty casserole.

CHEESY RICE AND MEAT BALLS

Season ½ pound ground beef with salt, pepper, chopped onion and nutmeg, and shape into meat balls. Brown the meat balls in a small amount of butter. Remove the meat, and pour the remaining butter into a 1½-quart casserole. Add 2½ to 3 cups cooked rice, and stir in 1 cup each grated Cheddar cheese and sour cream. Place the meat balls on top, cover, and bake 30 minutes at 350 degrees. Serve this entree, designed for 4, with buttered turnips.

RICE-PEA-TUNA CASSEROLE

Moisten chopped ripe or pimiento-stuffed green olives with a little lemon juice in a casserole. Stir in 1 cup drained canned tuna, 1½ cups drained cooked peas, and 2½ to 3 cups cooked rice. Sprinkle grated sharp cheese on top and pour in 2 cups of a thin, white sauce. Bake in a 350 degree oven for 20 minutes, or until the top is lightly browned. This casserole with a crisp green salad is a meal for four.

RICE BEEF STEW

2½ pounds beef
½ cup flour
1 teaspoon salt
½ teaspoon pepper
6 tablespoons fat
½ medium onion
2 cloves garlic, minced
4 cups boiling water
3 cups tomatoes
2 tablespoons salt
1 teaspoon Worcestershire sauce
18 small white pearl onions, peeled and quartered
7 carrots, peeled and cut into 2-inch strips
2 cups peas, frozen or canned
1 cup uncooked rice

Cut meat into 1½-inch cubes. Combine flour, salt and pepper; coat meat with flour mixture. Melt fat in Dutch oven; add meat and brown. Add diced onions, garlic, boiling water, tomatoes, salt and Worcestershire sauce. Cover and simmer meat about 2 hours or until meat is tender. Add onions and carrots and cook 20 minutes. Add peas and uncooked rice; cook 15 minutes longer. Serves 8.

HERB RICE

3 tablespoons butter
1 cup chopped onion
1 cup uncooked white rice
½ teaspoon marjoram
½ teaspoon summer savory
1 teaspoon rosemary
½ teaspoon salt
3 chicken bouillon cubes
2 cups water

Melt butter in 2-qt. saucepan over medium heat. Add onion and rice and cook until onion is golden and rice begins to brown. Add remaining ingredients. Bring to boil, stirring until bouillon cubes are dissolved. Cover, reduce heat to low, continue cooking 14 minutes. Remove from heat. Allow to stand 10 minutes before removing cover. Serve with chicken, duck or turkey to 6.

RICE AND VEGETABLE DRESSING

1 cup uncooked rice
2 tablespoons butter or margarine
1 cup finely chopped onion
1 tablespoon minced parsley
1 teaspoon minced marjoram
2¼ cups chicken broth
1 package (10 oz.) frozen lima beans
1½ teaspoons salt

Spread rice in a shallow pan, place in oven and heat at 350 degrees until golden, about 10 minutes. Stir frequently to prevent burning. Melt butter in a 3-quart saucepan. Add onion, parsley, and marjoram. Cook until onion is tender. Add chicken broth, lima beans, and salt. Simmer, covered, for 5 minutes. Add toasted rice. Heat to boiling. Stir. Reduce heat; cover and simmer about 20 minutes. Makes 6 servings.

HAM AND EGG RICE SALAD

2 cups cooked rice
6 hard-cooked eggs, chopped
1 cup diced cooked ham
3 tablespoons finely chopped green pepper
1 tablespoon minced onion
1 teaspoon salt
⅛ teaspoon pepper
½ teaspoon prepared mustard
½ cup mayonnaise
½ cup diced Swiss cheese
8 to 12 slices bologna

Combine rice, eggs, ham, vegetables and seasonings. Add mayonnaise and mix well. Toss lightly with cheese. Roll some of mixture in bologna slices and arrange around edge of bowl. Fill center with remaining salad mixture. Chill. Serve plain or with crisp greens or tomato wedges. Makes 5 to 6 servings.

MANDARIN RICE SALAD

1 cup uncooked rice
2 cups chicken broth
½ teaspoon salt
3 cups cooked ham, cut into ¼-inch strips, chilled
½ cup diced green pepper
2 tablespoons finely chopped onion
1 tablespoon sugar
1 tablespoon soy sauce
2 cans (11 oz. each) Mandarin orange sections, chilled and drained
1 cup French dressing

Combine rice, chicken broth, and salt in saucepan. Heat to boiling. Stir once, cover, lower heat, and cook 14 minutes, or until liquid is absorbed. Chill. Just before serving, combine ingredients and toss lightly. Yields 6 to 8 servings.

BUTTERSCOTCH RICE

2½ cup packaged pre-cooked rice
2 cups milk
¼ teaspoon salt
3 tablespoons butter
½ cup brown rice
1 teaspoon vanilla
½ cup snipped dates

In large saucepan, combine rice, milk and salt, cover loosely. Bring to boil, boil gently 15 minutes, fluffing rice occasionally with fork. Meanwhile, in small saucepan, melt butter, add sugar, cook until sugar dissolves. Add sugar mixture and cooked rice with vanilla and dates. Serve warm with whipped cream.

BREAKFAST CINNAMON RICE

2 cups cooked white rice
1 cup milk
¼ cup sugar
2 tablespoons butter or margarine
½ teaspoon cinnamon

Combine rice, milk and sugar in 1-qt. saucepan over medium heat, stirring constantly. Add butter and cinnamon. Serve with milk or cream to 4.

RICE PANCAKES

2 cups sifted flour
2 teaspoons baking powder
1 teaspoon salt
2 tablespoons sugar
4 eggs, separated
5 tablespoons shortening
2 cups milk
1½ cups cold cooked rice

Sift together dry ingredients into a mixing bowl. Beat egg whites and yolks separately. Combine egg yolks, shortening and milk. Add to the dry ingredients. Mix well. Stir in rice. Fold in stiffly beaten egg whites. Bake on hot griddle. Makes sixteen 4-inch cakes.

RICE CUSTARD

2 cups milk
1 cup cooked rice
1 tablespoon butter or margarine
½ cup sugar
¼ teaspoon salt
⅓ cup raisins or nuts
2 eggs, beaten

Heat milk; add rice, and butter or margarine. Add sugar, salt, and raisins or nuts to eggs, then slowly stir in the hot milk mixture. Pour into greased baking dish, set in pan of hot water. Bake at 350 degrees 30 minutes, or until set. 4 servings. Variation: For raisins or nuts substitute chopped dates, figs or prunes. For an extra flourish garnish with a red or green cherry.

RASPBERRY RICE A L'AMANDE

1 cup uncooked rice
2 cups water
1 teaspoon salt
¼ cup sugar
1 teaspoon vanilla
½ pint heavy cream, whipped (1 cup)
¼ cup sliced almonds
2 packages (10 ounces each) frozen raspberries, thawed

Combine rice, water, salt and 2 tablespoons sugar. Bring to a boil, stir once, cover. Reduce heat and simmer 14 minutes, or until tender. Remove from heat; stir in vanilla. Cool. Add remaining 2 tablespoons sugar to the whipped cream. Fold whipped cream and almonds into cooled rice. Alternate rice mixture and raspberries in serving bowl, or serve in individual serving dishes. Makes 6 to 8 servings. Variation: Instead of raspberries use strawberries, loganberries, blueberries, frozen or fresh or your favorite fresh fruit in season.



From clotheslines to electric marvels

■ Once it was only by accident, by concession or by crusading that an occasional woman got into industry, public office or other paid employment. But today it is the franchise and fortune of millions of women to hold practically any job to which men were once the sole heirs. Over half of these women are married.

With the influx of distaffers into the labor force came the need for electric appliances in the home that would provide more efficient and less time consuming ways of doing household chores. For the working mother was not about to spend every home-bound moment keeping her castle in order. And neither, for that matter, was the childless working wife who entertained visions of a care-free weekend.

Hence the automatic electric clothes dryer . . . invented by a man who remembered the many times in his youth that he stumbled out of a farm house to hang up washing for his mother in icy weather. Years later, Ross Moore wondered how

many women would like to have comfortable drying facilities.

This was the start of the clothes dryer.

As in most American products, many changes and improvements were necessary to keep up with progress in other fields. With the dryer, it was meeting the demands of the scores of different fibers and fabrics, and fabrics constantly coming onto the market in the way of washbasket items in the last decade. And here it was that the dryer became a need—not a convenience. For wrinkles resulting from wearing garments that contain any of the synthetic fibers can be removed only by higher temperatures than are possible with line drying. Thus the heat of the dryer is needed to bring out the best in these easy-care fabrics.

In versatility, the electric dryer has exceeded all expectations. Orlon acrylic sweaters, for instance, can only be done up satisfactorily if they are tumble dried after machine laundering, according to the textile lab-

oratory manager of a large coast-to-coast merchandising chain. Furthermore, drapes and slip covers can be “dusted” by tumbling in the dryer. Shag rugs can be washed and dried in one morning, fluffy and devoid of “ears” caused by clothesline hanging. Knit undergarments will retain their shape. Sun bleaching and rotting, caused by exposing wet clothes to direct sunlight, is eliminated. And “no more ironing” is achieved only with permanent press articles, provided they are washed and dried properly in automatic laundry equipment.

And best of all, this most wanted appliance has given homemakers many extra hours to devote to other things. For rare is the homemaker who lets her automatic equipment do the work for her while she sits back and relaxes. There are drawers and closets to be cleaned, floors to be scrubbed, and a hundred other tasks that she can do when blessed with an automatic electric clothes dryer.



Permanent press fabrics should be removed from both the washer and dryer as soon as possible after the washing or drying stops to assure best results in avoiding wrinkles. An adjustable signal lets the homemaker know when her wash or drying is done, if she wishes, on both of these 1970 laundry models.

Here's a smart mother who saves time and money by outfitting her children in permanent press clothes. Children need fewer clothes and they need less care if they are permanent press and treated to tender care of a dryer. An automatic dry feature on this model turns off dryer when clothes are dry.



TIMELY TIP



Our suggestion for Halloween trick-or-treaters is a Molasses Batman Cookie that is sure to light up the eyes of every hobgoblin that comes to haunt your house.

MOLASSES BATMAN COOKIES

- 4 cups sifted flour
- 1 teaspoon salt
- 1 teaspoon baking soda
- 2 teaspoons baking powder
- 1 cup shortening
- 1 cup sugar
- 1 cup molasses
- 2 eggs, separated

Sift flour with salt, soda and baking powder. Cream shortening, add sugar gradually, beat until fluffy. Add molasses and egg yolks. (Whites go in frosting.) Mix well. Mix in flour mixture. Wrap dough in waxed paper, chill. Roll out small portions of dough about $\frac{1}{4}$ inch thick. Cut cookies in Batman shape. (Make cardboard pattern, cut around.) Place on ungreased baking sheets. Bake at 350 degrees 10-12 minutes. Cool 2 minutes, remove from sheet, cool. Frost with this: Blend 2 egg whites with 3 cups sifted confectioners' sugar. Decorate with tube as shown in photograph.

Mrs. Waldo A. Remmert of Route 1, Eureka, Ill. shares this recipe with you:

DUTCH APPLE PIE

- 1 package cinnamon crisps, rolled into crumbs (1½ cups)
 - ½ cup butter or oleo (melted)
 - 7 large apples
 - ½ cup sugar
 - 2 tablespoons flour
 - 3 tablespoons top milk
- Pastry for 9-inch crust

Mix cinnamon crisp crumbs and butter. Set aside. Combine pared, sliced apples, sugar and flour. Place in unbaked pie shell. Sprinkle with crumb mixture. Pour over milk. Bake at 400 degrees 40-50 minutes. Coconut may be sprinkled over the top if you wish.



1. Snowman and Xmas Tree Potholders



2. Big Tiger Cushion



3. Mother & Child Duck



4. Christmas Gift Ties and Decorations—Shopping Bag



5. Kissing Ball

With Christmas in view

1. Holiday cooking is more fun doing in a Christmas-spirited kitchen. A snowman and a trimmed tree work as crocheted pot holders and play as decorations.

2. This good-natured tiger is stuffed with an oversized bed pillow. It makes a comfortable cushion for TV watching and baby will love playing with it.

3. Mrs. Duck and her little boy refuse to stay in the pond. They have put on their "Sunday best" and set out to visit you. Open your door when they knock. Ducks are fun people and children love their quackery. This fine family is crocheted of worsted yarn.

4. Good things come in beautiful packages. Keep Christmas gifts wrapped in festive mystery. Their ties and decorations are made of colored felt and bits of rick rack. Also included, a shopping bag.

5. Mistletoe is a Yuletide plant connected with a kissing custom. Here is a mischievous way to slip a bit into your holiday scheme. Hang this unusual decoration in a doorway and see what happens next.

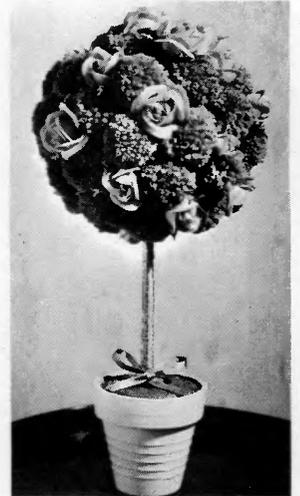
6. If your thumb is not green, this ever-blooming plant is meant for you. The bright green foliage, and artificial roses do not need water. They sprout from a styrofoam ball, placed on covered dowel stick.

7. Ginger and molasses make a mighty tasty cookie. This gingerbread man is mixed from spicy brown corduroy and soft batting. Make one for a child you know.

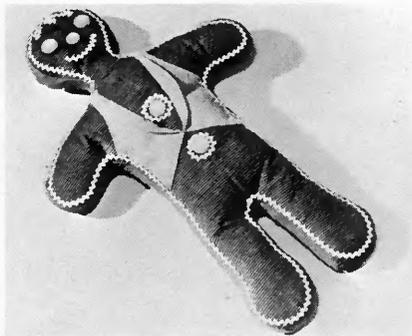
8. Christmas is open-house hospitality—a pantry full of homemade sweets, a pot of spice tea and a special cloth to serve it on. The repeated tree motif and border trim are done in Swedish weaving.



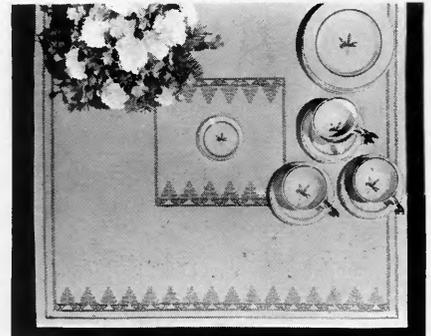
5. Kissing Ball



6. Pompon Tree



7. Gingerbread Man



8. Christmas Tea Cloth

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- 2.....Cushion
- 3.....Ducks
- 4.....Decorations
- 5.....Kissing Ball
- 6.....Pompon Tree
- 7.....Gingerbread
- 8.....Tea Cloth

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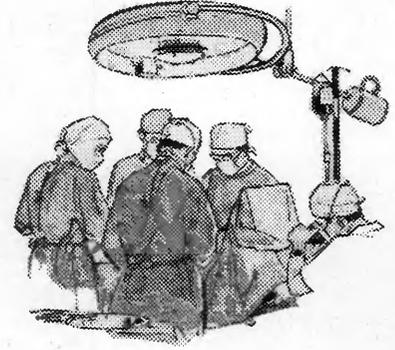
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