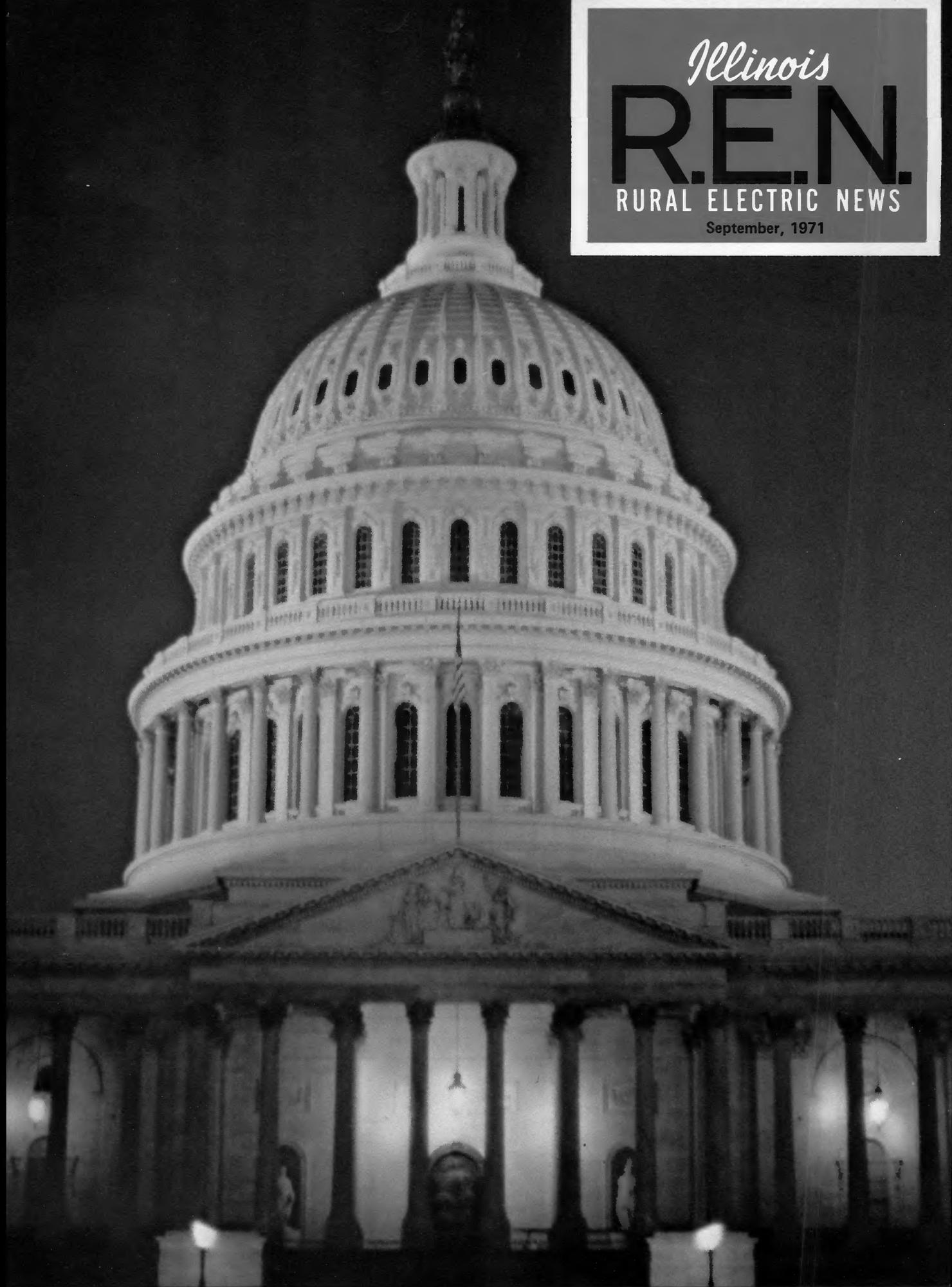


Illinois
R.E.N.

RURAL ELECTRIC NEWS

September, 1971



National News Notes

How TVA aids in area development

■ Average residential use of electricity by customers of TVA's municipal and cooperative distributors for the year ended last March 31 was about twice the corresponding national average figures—and the average residential rate (cost) was about half the corresponding national average.

TVA reported average residential use by customers of its municipal and cooperative distributors was 14,300 KWH and that the average rate was 1.17 cents per KWH. Corresponding national averages were 7,154 KWH and 2.12 cents per KWH.

TVA also reported that about one-half of the coal it purchases comes from underground mines and the rest from surface mines. "As early as the 1940s," the report continued, "TVA began to encourage reclamation of surface-mined lands, and since 1965 all TVA term coal purchases contracts involving surface mining have required reclamation of the land involved."

Telling the story of electric co-ops

■ Have you heard the new NBC program, "Hugh Downs' Report for the Consumer,"? It's a five-minute national radio program presented over NBC's 240 stations between 10 and 11 on Saturday mornings through October 23. Part of NBC's Monitor program, the show focuses on consumer problems and issues of nationwide interest. It is hosted and prepared by Hugh Downs of the "Today Show."

The Association of Illinois Electric Cooperatives is assisting in coordinating the program in Illinois. Thomas H. Moore, general manager of AIEC, said NBC network stations in Illinois are WMAQ, Chicago; WXCL, Peoria; WMAY, Springfield; KHMO, Quincy, and in St. Louis, KSD. Numerous local stations may subscribe for the series which is part of the National Rural Electric Cooperative Association "Tell the Nation the Truth" (TNT) national advertising program.

How one group attracted more doctors to area

■ A great many smaller communities in Illinois are seeking doctors . . . but mostly with undistinguished success. Now comes Dr. John Newdorp, executive medical officer of the United Mine Workers of America Welfare and Retirement Fund, with scant encouragement.

Dr. Newdorp, testifying before the House Commerce Subcommittee on Public Health and the Environment recently in Washington, said:

"Problems of housing, stress of heavy patient loads, lack of quality schooling and lack of professional, social and cultural resources often send the physician to the city even when such amenities mean less income."

The doctor pointed out that the miners' Welfare and Retirement Fund has been assuming the cost of physician and hospital care for many miners and their dependents, most of them living in rural areas or small towns. So for such individuals, financial barrier to care were removed. That did not solve the problem. "The availability of potential income had little effect in attracting physicians and in many localities the situation is now worse than 20 years ago," Dr. Newdorp observed.

"One of the greatest deterrents to recruitment has been the shortage of physicians," he continued. "Almost anyone we try to interest in practicing in a mining area has many other alternatives. There is no question in our minds about the need to increase manpower."

But one thing helped. The miner's Welfare and Retirement Fund has built a series of hospitals in a medically-short area of Appalachia, with provision for clinics and offices of physicians. More physicians then were attracted, Dr. Newdorp said. Among reasons: The physicians had access to well equipped hospitals, clinics and laboratories. They were members of a group and could thus take turns at night calls and emergency room service. They had more free time . . . and a better, more effective life.

Published by
Association of Illinois Electric
Cooperatives

JOHN F. TEMPLE
Editor

RICHARD D. HANEY
Associate Editor

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OUR COVER—The nation's Capitol at night is a picturesque view and is a constant reminder of the numerous legislative decisions made within its majestic structure. Congress recently approved a record \$545-million for REA loan fund. The appropriation—not as much as was needed, but more than ever before—will strengthen the financial condition of all co-operatives through out the country.—staff photo by John Temple.

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We're Working Together

Cooperation, some of us like to say, is a great "institution." It is a priceless device through which individuals achieve goals as a group that would be unobtainable otherwise. It is a means through which we multiply our strength.

But the seemingly simple act of cooperation, of working together with other individuals and groups, is in itself sometimes a most difficult goal.

So it has seemed over the years to farm organizations, seeking to solve perplexing problems that affect us all. So it has seemed, also, to rural and urban groups, each straining to unknot their own problems, forgetting that through cooperation success may be achieved.

TWO RECENT events spotlight this thought. One is the visit of Senator Cecil A. Partee to the Carthage area for the 32nd annual meeting of Western Illinois Electrical Coop. The other is the annual farm-city day at the Illinois State Fair.

We can learn much from these occurrences.

State Senator Partee, you will recall, is a Chicago attorney, born and reared in the rich northeast Arkansas cotton country, a graduate of two great universities, who made such a deep impression on Illinois electric cooperative members when he addressed their annual meeting two years ago in Springfield.

He is now president pro tempore of the Illinois Senate and described by many as one of the most influential men in state government. He has a deep concern for the problems of rural areas.

He has for many years supported the electric cooperatives in their efforts to advance the cause of their members and help develop the areas in which they live. He sees clearly that rural and urban groups need each other if they are going to solve many of their problems.

That's why he took time out from a grueling day to spend several hours with Western Illinois Electrical members and other leaders in the area, visiting historical sites, talking with a wide variety of individuals and exchanging ideas with them. It was a heartening experience.

ANOTHER KIND of cooperative exchange was evidenced at the state fair's recent farm-city day.

Hundreds of farm leaders attended. They visited with town and city leaders and they got to know each other—and some of their problems—better.

Orion Samuelson of WGN-Radio, Chicago, served as master of ceremonies at a special fair program honoring the visitors. Gordon L. Ropp, director, Illinois Department of Agriculture, spoke, expressing his, and the state's, appreciation of contributions of rural residents who have helped so much to make Illinois great.

Five outstanding farm families, each selected by one of the state farm organizations, were especially honored. They were Mr. and Mrs. Wayne Heberer of Belleville r.r. 1, representing the Illinois Agricultural Association; Mr. and Mrs. Lloyd Pearsall of Cordovia r.r. 1, representing the Illinois Farmers Union; Mr. and Mrs. William Cook of Marshall, National Farmers Organization; Mr. and Mrs. Curt Fudge of near Pittsfield, the Independent Farmers Alliance, and Mr. and Mrs. Dwayne Zipse of near Leaf River, the Illinois Grange.

The Springfield Downtown Kiwanis Club took the lead in sponsoring this special recognition program.

We find such events as these two extremely heartening. They aren't sensational. But they speak volumes for chances of even more successful cooperation in the future.

Congress Provides

by John F. Temple

Congress has passed and the President has now approved a measure appropriating a record \$545 million for rural electrification loans during this fiscal year.

Congressional action came in the "nick of time," said Robert F. Zook, president of the Association of Illinois Electric Cooperatives. The Federal Administration had once more recommended \$345 million, the same appropriation that has been adopted in recent years, Zook pointed out.

During this period the backlog of cooperative needs for capital improvements has mounted alarmingly. One estimate placed the need for Rural Electrification Administration (REA) lending funds for fiscal 1972 at \$804,000.

Zook said the new \$545 million appropriation will help tremendously and will even permit the whittling away of a portion of the pent-up need for funds.

Thomas H. Moore, general manager of the Association of Illinois Electric Cooperatives, praised congressmen who valiantly supported cooperatives in their battle for life-giving loan funds.

He pointed out that it was a bipartisan team effort that resulted in ultimate success. He noted that hundreds of Illinois cooperative leaders, many individuals in high places, and a large number of organizations participated in the drive for more adequate loan funds.

Robert D. Partridge, general manager of the National Rural Electric Cooperative Association, observed that shortly before the increased REA appropriation came before the House of Representatives for a vote, some 54 representatives from both sides of the political aisle participated in a "Rural Electric Day" in the House.

Congressman J. J. Pickle (D.-Texas) and John Melcher (D.-Montana) co-sponsored the event.

Congressman Pickle told his fellow legislators that "35 years ago this government had the foresight to set up a loan program to bring to rural America the opportunities and advantages of electricity.

"ELECTRIC COOPERATIVES," the Congressman said, "have effected vast improvements in rural America." They have opened

a tremendous market for electrical appliances and equipment estimated now at \$1 billion a year. They have borrowed more than \$6.6 billion in loan funds—and more than \$3.5 billion has come back, including \$1.2 billion added return to the government through the 2 per cent interest payments."

Congressman Pickle continued:

"In spite of all this, we are awakening to the fact that our rural electric cooperatives are strangling to death financially. For six years running we have appropriated around \$350 million for loan authorizations. Yet in this time the demand for power per customer has doubled. In this time we have been adding around 150,000 to 200,000



Charles H. Percy

customers each year. In this time inflation has drastically cut the worth of that \$345 million . . . accomplishments deserve the highest admiration of this Congress and of this country.

"But the job is not yet done . . .

"The purpose (of this meeting) is to point out the alarming need for more or better financing methods—to remind America that our cooperatives, need help and they need it now."

Of the 55 House members who spoke that day about electric cooperatives, 36 were Democrats; 19 were Republicans. Four were from Illinois.

There was simply no time for all the Illinois Congressional delegation to speak up in support of the cooperative program. Therefore many such good and long-time cooperative friends as George E. Shipley (D.-Olney) remained silent. But there was no doubt as to where such congressmen stood.

Congressman Melvin Price (D.-E. St. Louis), with a formidable record of cooperative support during his years in Washington, spoke briefly. He said that "the rural areas of my district depend upon four distribution cooperatives centered in neighboring districts. Some of these cooperatives in turn are members of generation and transmission cooperative systems. Contemplated application for power supply loans by these G. & T. systems, for the fiscal year 1972, approaches \$7 million.

Congressman Price then inserted into the Congressional Record an article from Rural Electrification magazine outlining the need for "an end to the starvation diet for rural electric system." "I commend this article to the attention of all members of this body," Congressman Price concluded.

Congressman Abner Mikva (D.-Chicago) has no electric cooperatives in his urban district. But he has a deep appreciation for the contributions of cooperatives to the best interests of all the people of Illinois.

He urged a better understanding between urban and rural residents.

"I firmly believe that this kind of mutual understanding between rural and urban Americans and their representatives in Congress is urgently needed if we are to work together, as we must, to solve our common problems. . . .

"In sum, we have a lot of work to do both in the cities and in the countryside, to begin to make the vision of America a reality. Mutual understanding of the differing but related problems of city and farm is urgently important.

"Some of the most significant work in dealing with rural problems is being done by rural electric cooperatives, and I urge my colleagues from the cities to take an interest in their activities."

Congressman Paul Findley (R.-Pittsfield), spoke at length in sup-

Needed REA Funds

port of the cooperative programs.

"The rural electrification program," he said, "has played an important role in the development of rural Illinois and I am proud to salute the leaders who have done so much to make the rural electric cooperatives effective community builders in my state."

He lauded the April, 1969 incorporation of the National Rural Utilities Cooperative Finance Corporation (CFC).

"This is an independent, self-help credit institution, created by the member rural electric systems to provide supplemental financing for the rural electrification program—an approach I had long urged." Congressman Findley said.

"FACED WITH power demands which are doubling about every seven years," he continued, "the rural electrics require large sums of new capital in order to meet their needs. This is similar to the entire utility industry.

"As industries move into rural areas to find room for expansion, and as new members move to rural electric lines almost daily, it has become necessary to find additional capital to finance heavier facilities and construct new services.

"Projections indicate that from \$6 to \$7.5 billion in new capital may be required within the next 15 years if the rural electrics are to keep pace with demand.

"CFC's principal objective is to fill a portion of the gap between the amount Congress appropriates for REA loans and the actual needs of the program.

It is entirely possible, Congressman Findley said, that electric cooperatives may require as much new capital within the next 15 years as has been invested in the program in its 35-year history.

"Congress cannot realistically be expected to appropriate all the funds required to meet these growth demands." Congressman Findley went on. Therefore, the role of CFC will become increasingly important. (And that is the way it is planned by cooperative leaders, but this goal will not come overnight.—Editor)

In the Senate, Charles H. Percy said that although the \$545 million appropriation "is considerably higher than the level of recent years, it is my judgment that the results in terms of public interest will more than justify the increase."

He asserted that "We must do our best to see that rural America has good electric service." And, he added, "Congress has not kept appropriations abreast of the problems experienced by rural electric systems in providing the necessary service, and has permitted a serious shortage of loan capital to develop."

Senator Stevenson also has long



Adlai E. Stevenson III

supported the electric cooperatives. Earlier, with a number of other senators, he had signed a letter to the leadership of the Subcommittee on Agriculture, Environmental and Consumer Protection in which they expressed concern for cooperative problems and a recognition of the need of adequate loan funds.

"THIS ACCUMULATION of unmet capital needs comes at a time when our nation is facing a critical power supply and power delivery crisis," the senators said. "This is surely not the time to be holding back on rural electric loan funds needed to maintain and improve electric service in rural America,

especially in view of the fact that farmers and non-farm rural residents alike are suffering under a number of serious economic handicaps.

Albert J. Cross, director of the AIEC Department of Legal and Public Affairs, observed that it would be impossible to give due credit to all who have helped assure passage of the 1972 appropriation, recently signed by President Nixon.

Help came, he said, from the Illinois Agricultural Association and the National Farmers Union.

"In my opinion," he added, "the work that the Illinois State Grange, Illinois National Farmers Organization and Farmers Union, the Cook County Truck Gardeners and Farmers Association and individuals who are now leaders in the Independent Farmers Alliance did on behalf of the rural electric systems in the past had a significant effect on this appropriation."

Governor Ogilvie directed his Washington office to "consider this appropriation bill to be a matter of highest priority. Every effort should be made to consult and cooperate with members of the Illinois congressional delegation to ensure passage of this important measure."

The governor said, "I think it is essential that this appropriation be maintained at the proposed level. Any diminution could have the potential for seriously affecting the quality of electrical service enjoyed by the more than 500,000 people who rely upon Illinois electric cooperatives."

And Gordon L. Ropp, director, Illinois Department of Agriculture, said in a letter to Senator Percy.

"In the state's effort to continue improving the well-being of rural America, your support and efforts to obtain support from other rural citizens of this state will be most welcome.

"This department is extremely interested in and is making considerable effort to help develop the rural communities. Strong and viable electric cooperatives are essential for this development."

Co-op Serves Astronomers

By Richard D. Haney

How does electric heat aid in the study of astronomy? Why is an observatory located at a certain place in east-central Illinois? How long, according to astronomical studies, will the sun continue to exist? And what recent event took place in a galaxie that only happens once every 400 years?

To answer these questions let's take a trip to Edgar Electric Co-operative Association at Paris and visit a unique consumer-member—the University of Illinois Prairie Observatory near Hindsboro in Douglas county.

The observatory, which cost \$500,000, depends on reliable electric power from Edgar Electric. Electricity is needed to operate the solar clock which records star time and operates the computer system which determines the present calculations for the telescope's positioning.

"Our operation at Prairie Observatory," explained Dr. Kenneth M. Yoss, professor, University of Illinois Department of Astronomy, "is more optical astronomy than specialized astronomy. We're concerned with all aspects of astronomy with major emphasis on photoelectric processes and the measurement of stellar brightness, star density and star distance. And of course, we're interested in all celestial movement."

DR. YOSS told of a recent phenomenon on May 30, 1971 which the observatory personnel took a special interest in tracking:

"A supernova—an event that happens in a galaxie once every 400 years—is the complete annihilation of a star. Some astronomers think that it may be the key to the fusion of nuclear energy. What happens in the supernova processes is this: In one year the supernova will produce an amount of energy that would normally take 10,000,000,000 years to produce. Then the star explodes for about a week and then in one year the star is completely dead with no light, no energy."

How accurately can astronomers evaluate the vast elements or atmospheric conditions of outer space? Listen to what Dr. Yoss has to say: "Twenty years ago when I first entered the field, astronomers knew the factors relating to the moon. To-



John Robinson, member-public relations director of Edgar Electric Co-operative Association, looks over the computer controls for star time on a solar clock and for positioning of Prairie Observatory's 40-inch reflector telescope.

day that same information has been verified through scientific studies conducted by our space program and by the data-gathering equipment left on the moon by our astronauts.

"The distance of stars from the earth," Dr. Yoss explained, "can be measured by stellar brightness. Some stars are radio sources and their speed toward or away from the earth can be measured by their radio emissions. But based on the studies of stellar brightness we know that the sun will be here for at least the next 10,000,000,000 years.

"Astronomy is a continued study of pure science and the task of the astronomer is to keep discovering how far space actually extends. We already know that it is 4,000,000,000 light years in distance. But with modern equipment yet to be developed, our look will extend even further."

MANY FACTORS are involved in proper conditions for favorable astronomical studies. The Prairie Observatory is located at longitude 88° 3' W and latitude 39° 42' N for a very good reason.

"At this location we're under a dark sky," Dr. Yoss said, "without interference from bright city lights. Under a dark sky we can expose our film to a star for 12 continuous hours with our photoelectric processes. But were we located near a city with light reflections we could take a picture for only 10 or 15 minutes. This photoelectric process is why we use electric heat.

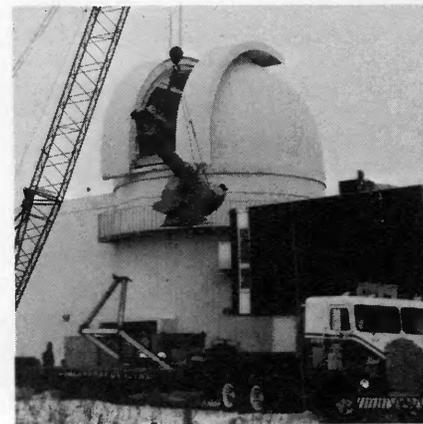
"Electric heat has no chimney and doesn't create thermal currents," Dr. Yoss explained, "which would cause heat waves and prevent us from getting sharp pictures.

"We're pleased with the electric heat and with the service provided by Edgar Electric Co-operative Association. There's never been any serious problem that has caused us to shut down our operation for any long length of time."

DR. YOSS explained that astronomy is still a small field and that there will always be a need for astronomers, especially in industrial astronomy. Astronomy, he said, does not have the everyday practical application and there is always something new and different happening in celestial movement.

"Although there's only about ten of us using the observatory," Dr. Yoss said, "there just isn't enough time to do the things we want. Our students doing graduate work come up with some interesting problems—such as, why does a supernova create so much energy, explode and die. And who knows—someday one of our students may discover the answers which may give a fresh look to the studies of nuclear energy."

Telescope's installation required delicate handling.



Plane Downs Co-op's System

Power outages can result from various causes. And they can occur at any of the 27 distributive electric cooperatives throughout Illinois.

But Spoon River Electric Co-operative, Inc., Canton, has had its share, and each time the transmission line has been shorted out the cause has been unusual.

First a tornado blew an all-metal grain bin into the transmission lines; next, a crane's boom got snagged in the lines; and the most recent incident—well, let's hear the story from William H. McCamey, manager of the Canton-based cooperative.

"Sunday evening about 5:30 p.m. on August 15," McCamey said, "we started getting calls that there was an outage. What was alarming was that calls were coming from throughout the entire system. This meant that all our 3,500 consumers must be without electricity.

"So we contacted the sheriff's office to see if an automobile accident could possibly have knocked out a line. The sheriff's answer: 'No, there's been no car accident reported, but there has been a plane crash just north of Smithfield.'

"We dispatched our work crew to the Smithfield area and discovered that a small private plane had crashed into a wooded valley after hitting the top static wire on the major transmission line of Western Illinois Power Cooperative (WIPCO) at Jacksonville. Knowing where the shortage was, we could sectionalize our substations to re-direct the electric supply. Fortunately we had service restored in about one hour to all our customers.

"Monday morning our crew combined forces with a crew from WIPCO and repaired the line. We disconnected the power to our members for about 40 minutes while the spliced static wire was connected to restore power transmission."

Although such a task can be explained in a few words, the dedicated hard work of a skilled crew is one reason power failures normally last but a short time.

And these skilled workers at Spoon River are typical of cooperative workers in all electric cooperatives of Illinois. They're dedicated people!



William H. McCamey, manager of Spoon River Electric Co-operative, Inc., Canton, inspects crash scene.

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Off to 'Far Away Places' Goes Flying Southern Illinois Farmer

By Bob Patton

Norman Bauer of Anna r.r. 1 enjoys the best of two lives.

Bauer, 33, has two full-time jobs. About 15 days out of every month he commutes 1,000 miles one way to work. The rest of the time he spends with his family on their 140-acre farm in Southern Illinois, farming and completing their new home.

Bauer is a flight engineer for Trans World Airlines on international flights. It takes only a few hours to get from his home to Kennedy International Airport in New York where he boards a Boeing 707 jet flying to distant points around the world.

Bauer steps out of his back door and rolls his Cessna 172 plane from its hanger which is only a few feet from his home. He taxis to a nearby grass landing field and in moments he is in the air headed for St. Louis. He flies from St. Louis to Kennedy half-fare on a commercial flight.

WIDE-RANGING travel is nothing new to the Bauer family. A native of South Bend, Indiana, Bauer attended Michigan State University, majoring in Agricultural Extension. While in school he spent a summer on the International Farm Youth Exchange team in Turkey. It was there that he met his wife, Barbara, who had joined the team as a student from the University of Illinois, majoring in Home Extension.

When they returned to the states, they decided to get married and Bauer decided he wanted to fly. So, he changed from Army Reserve Officer Training Corps to the Air Force ROTC. After graduation, he was commissioned as an officer and spent six and-one-half years in the U.S. Air Force, flying heavy planes.

"During this time we lived in 14 different places in seven years," Mrs. Bauer said. "While we were stationed in Blytheville Arkansas, we had a chance to buy the farm here. Since I was originally from this area,

we bought it, thinking some day we would build our retirement home here."

After leaving the Air Force as a captain, Bauer decided he wanted to fly for a living. He applied to several commercial airlines and was accepted by TWA as first officer (co-pilot) on one of their international flights. He completed his training in San Francisco and Kansas City and was assigned to Kennedy International Airport in New York.

"Due to the recent cut backs and layoffs in flight personnel by the airlines, I decided to step down to flight engineer to keep in the air," Bauer said. "The flight engineer is really a systems engineer. He is in charge of watching the fuel tanks, changing one over to another in flight, and keeping all the electrical circuits and motors on monitor.

"Today's planes have electric air conditioning, which enable them to plug in on the ground and keep the cooling system running while waiting for passengers and take-off," Bauer said. "The plane is equipped with four 28KVA generators which supply electricity for all the plane's systems, which also includes the lights, in flight movies and even the bathroom systems. The plane generates enough electricity to furnish a small town with lights." Bauer said.

After being assigned to New York, the Bauers moved to northern New Jersey and decided that they might as well settle down there and buy or build their Cape Cod "dream home." But the price of property and the crowded city life didn't quite appeal to Bauer and he decided that he wasn't going to wait to retire before moving to the farm near Anna.

"Other pilots and officers were commuting from as far away as California. So, I decided, why can't I commute to work, too?" Bauer said.

The Bauers moved to Anna in

(Continued on page 15)



Mrs. Norman Bauer finds work in her all-electric kitchen a pleasure.



Twins Tim and Beth, 10, find country living much to their liking.

Want to Learn How To Create Ceramics

If you are looking for more fun and excitement in your life, you might want to consider the activities of Mr. and Mrs. John Rutherford of Winchester r.r. 2.

They lead a busy life and know how to enjoy it.

Rutherford is a farmer who works part-time at the Winchester post office. Mrs. Rutherford is a vivacious housewife whose outside activities include driving a school bus for about 60 lively youngsters.

But their most fascinating hobby is ceramics at a school for friends and neighbors Mrs. Rutherford operates in the basement of their spacious, all-electric home.

"We don't make a lot of money on this activity," Mrs. Rutherford said recently, "but we all have lots of fun—I, my husband and our 'students.'"

Those students, mostly housewives and sometimes their husbands, learn fast, if the quality of the products they turn out is any indication.

Mrs. Rutherford has one of the most efficient electric kilns on the market and she's an expert in its operation. It wasn't always so. Once she called for help from Illinois Rural Electric Co., the Winchester cooperative that supplies electricity in her area.

"Two men came out right away," Mrs. Rutherford recalled with a smile. "I hadn't used the kiln for a long, long time. I had forgotten how to turn it on; I wasn't pushing the right button."

Mrs. Rutherford said there are a good number of ceramics classes scattered over Illinois, and she recommends them as an outlet for creative talent.

Or if any individual has special skill in ceramics and would like to start a class, Mrs. Rutherford will gladly share her own experiences. They could be valuable.

Mr. and Mrs. Rutherford have been a member of Illinois Rural Electric Co. for almost 25 years.

"It's a wonderful cooperative, owned by the members themselves, not by the government or by any outsiders," Rutherford said. "When we built this home about three years ago we didn't even consider anything but electric heat, with an all-electric kitchen and all kinds of electric conveniences."

But about that bus driving job of Mrs. Rutherford.

"I think too many people worry too much about the younger generation," Mrs. Rutherford said. "I've been driving a school bus filled with energetic fine high school and grade pupils. Together they've an amazing amount of energy. But we seldom have problems.

"I'm convinced that today's young people are pretty nice. And as soon as they're grown we'll forget about the problems and decide we've done a fine job of rearing such smart youngsters."

Oh, yes. The Rutherford "children." They're Randy, 23, Karen, 20, and Cheryl, 15. They enjoy ceramics too.



Mrs. John Rutherford at the kiln in her basement workshop.



Mr. and Mrs. Rutherford show ceramic products to, standing, George R. Lindsey, member service manager, Illinois Rural Electric Co., which provides power for the Rutherford all-electric home.



"A work of art." Rutherfords:

Sen. Partee Lauds Co-ops For Contributions to Illinois

Illinois electric cooperatives have accomplished a near miracle in bringing abundant electric power to their areas within just one generation—but great tasks lie ahead.

Their more than 155,000 member-owners now face the need for greater understanding and cooperation between rural and urban residents so that critical problems confronting both areas may best be solved.

SO SAID Cecil A. Partee, a Chicago attorney, president pro tempore of the Illinois senate, and described by many as one of the most influential men in state government today.

He spoke recently at Carthage before the 32nd annual meeting of Western Illinois Electric Coop. and earlier at a joint meeting of the Carthage Kiwanis, Lions and Jaycees organizations.

Tall, solidly built, born 50 years ago in rural Arkansas—and a graduate of two great universities—Senator Partee said many urban and rural problems frequently can best be solved through mutual efforts. He added: electric cooperative members can play leading roles in this vital undertaking.

"I DON'T THINK there is any question but that we have built up something of a barrier between Cook county and the rest of Illinois," he observed at one point.

"It's a barrier built upon words which in my opinion represents a very shaky foundation indeed, but it's a barrier which still seems to exist in the minds of many Illinoisans. And it's a barrier which can only hurt Illinois in the long run."

Senator Partee pointed out that in the General Assembly he works closely with such Carthage area legislators as Senator Clifford B. Latherow of Carthage and Representatives Clarence E. Neff of Stronghurst, Louis A. Markert of Mt. Sterling and A. T. (Tom) McMaster of Oneida. He said he depends on such men for a better understanding of problems facing their districts.

COOPERATIVES and rural areas have many good friends in state and national government, the senator continued. Often, he indicated some of their strongest support comes from city lawmakers who are concerned—as are cooperative members—with the good of all people.

"I have consistently supported the electric cooperative program," Senator Partee said, "not simply because you are nice people, but because so far everything you have brought to my attention has been right, has been in the sincere best interests of the people of Illinois. And I hope you will support me and those things that I bring to your attention which also are right . . . Together we can build something that is worthwhile and lasting."



Senator Cecil A. Partee is interviewed at Carthage by Ted Warren of KHQA-TV, Quincy.

Mr. and Mrs. Donald Kerr, Sr. of near Warsaw entertain Senator Partee at their beautiful farm home. Kerr is president of Western Illinois Electrical Co-op., Carthage.



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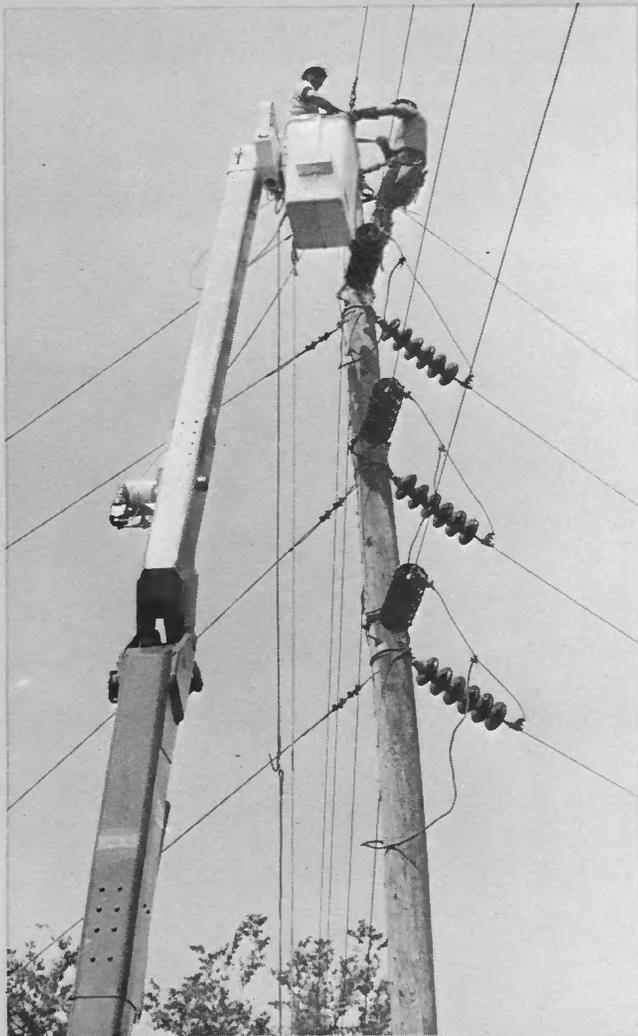
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Rose Bushes: 2 Yr. Field grown blooming size bushes. All monthly bloomers in these varieties. \$49 each

REOS	Red Radiance Bert Times Crimson Glory Poinsettia Mirandy	TWO TONES	President Hoover Betty Uphrad Edith N. Perkins Contrast Condesa de Sastago	CLIMBERS	Cl. Blaze Red Cl. Red Tallman Cl. Golden Charm Cl. Pink Radiance Cl. White Am. Beauty	YELLOWS	Eclipse Golden Charm Peace Luxemburg Golden Dawn	PINKS	Pink Radiance The Doctor Columbia Picture K. T. Marshall	WHITES	K. A. Victoria Caledonia K. Louise Rex Anderson White Am. Beauty	
FLOWERING SHRUBS—1 or 2 Years Old												
		EACH	5		EACH	5		EACH	5		EACH	
		FOR	FOR		FOR	FOR		FOR	FOR		FOR	
Crepe Myrtle—Red, Purple, Pink, 1 to 2 ft. -----		\$.69	\$ 2.98	Lombardy Poplar, 1 to 2 ft.06	.29	Bruce Plum, 2 1/2 to 4 ft.98	4.49	*Canadian Hemlock, 1/2 to 1 ft. --	.19	.89
Spiraea Van Houttei—White, 1 to 2 ft. -----		.29	.95	Lombardy Poplar, 2 to 3 ft.10	.49	Methley Plum, 1 to 2 ft.59	2.49	*Red Cedar, 1/2 to 1 ft.19	.89
Spiraea Reensiana, 1 to 2 ft.29	.95	Lombardy Poplar, 3 to 4 ft.19	.89	Methley Plum, 2 1/2 to 4 ft.98	4.49	Hetzl Holly, 1/2 to 1 ft.59	2.49
Weigela—Red or Yellow, 1 to 2 ft. -----		.29	.95	Lombardy Poplar, 4 to 6 ft.29	1.25	Burbank Plum, 1 to 2 ft.49	2.49	Japanese Holly, 1/2 to 1 ft.29	.99
Weigela—Var. or Pink, 1 to 2 ft.29	.95	Faassen Red Leaf Maple, 3 to 5 ft.	4.49	19.98	Burbank Plum, 2 1/2 to 4 ft.98	4.49	Foster Holly, 1/2 to 1 ft.59	2.49
Althea—Red or Purple, 1 to 2 ft.29	.99	Sycamore, 3 to 4 ft.49	1.98	Dwarf Elberta Peach, 2 to 3 ft.	\$.22	\$ 9.98	Helleri Holly, 1/2 to 1 ft.59	2.49
Althea—Pink or White, 1 to 2 ft.29	.99	Sycamore, 4 to 6 ft.89	3.98	Dwarf Elberta Peach, 4 to 5 ft.	3.98	18.98	East Palatka Holly, 1/2 to 1 ft.59	2.49
Forsythia—Yellow, 1 to 2 ft.29	.99	*Sugar Maple, 2 ft.29	.99	Dwarf Red Haven Peach, 2 to 3 ft.	2.29	9.98	Chinese Holly, 1/2 to 1 ft.59	2.49
Pink Spirea, 1 to 2 ft.29	.99	Sweet Gum, 2 to 3 ft.49	2.49	Dwarf Red Haven Peach, 4 to 6 ft.	3.98	18.98	Cedrus Deodara, 1/2 to 1 ft.59	2.49
Pink Flowering Almond, 1 to 2 ft.59	2.49	Sweet Gum, 4 to 6 ft.79	3.49	Dwarf Belle of Georgia Peach, 2 to 3 ft.	2.29	9.98	Jap. Yew, 1/2 to 1 ft.79	3.49
Tamarix—Pink, 1 to 2 ft.29	.99	White Birch, 2 to 3 ft.69	3.98	Dwarf Belle of Georgia Peach, 4 to 5 ft.	3.98	18.98	Baker Arborvitae, 1/2 to 1 ft.59	2.49
Bush Honeysuckle—Red, Pink, 1 to 2 ft.29	.99	White Birch, 4 to 6 ft.98	3.98	Dwarf Belle of Georgia Peach, 6 to 8 ft.	5.98	28.98	Berkman's Arborvitae, 1/2 to 1 ft.59	2.49
Red Flowering Quince, 1 to 2 ft.29	1.39	*Tulip Tree, 3 to 4 ft.49	1.98	Dwarf Belle of Georgia Peach, 8 to 10 ft.	9.98	48.98	Globe Arborvitae, 1/2 to 1 ft.59	2.49
White Flowering Quince, 1 to 2 ft.29	.99	Crimson King Maple (Pat. No. 735), 3 to 5 ft.	4.49	19.98	Dwarf Belle of Georgia Peach, 10 to 12 ft.	14.98	74.98	Green Juniper, 1/2 to 1 ft.59	2.49
Persian Lilac—Purple, 1 to 2 ft.39	1.79	Sunburst Locust (Pat. No. 1313), 3 to 5 ft.	4.95	23.98	Dwarf Golden Jubilee Peach, 2 to 3 ft.	2.29	9.98	Camellia—Red, 1/2 to 1 ft.79	3.49
Old Fashion Lilac—1 to 2 ft.49	1.98	Cut Leaf Weeping Birch, 3 to 5 ft.	4.49	19.98	Dwarf Golden Jubilee Peach, 4 to 5 ft.	3.98	18.98	Norway Spruce, 1/2 to 1 ft.29	1.29
Bridal Wreath Spirea, 1 to 2 ft.49	1.98	Persimmon, 1 to 2 ft.69	2.98	Dwarf Golden Jubilee Peach, 6 to 8 ft.	5.98	28.98	Euonymus Manhattan, 1/2 ft.29	.99
Hydrangea P. G., 1 to 2 ft.29	.99	Dawns Redwood, 1 to 2 ft.	2.49	11.98	Dwarf Red Delicious Apple, 2 to 3 ft.	2.29	9.98	Euonymus Dupont, 1/2 to 1 ft.39	.99
Deutzia—Pink, 1 to 2 ft.29	.99	Morain Locust, 4 to 5 ft.	4.98	23.98	Dwarf Red Delicious Apple, 4 to 5 ft.	3.98	18.98	*White Pine, 1 to 1 ft.29	1.29
Mockorange—White, 1 to 2 ft.29	.99	Honey Locust, 3 to 4 ft.69	2.98	Dwarf Yellow Delicious Apple, 2 to 3 ft.	2.29	9.98	Austrian Pine, 1/2 to 1 ft.29	1.29
Sweet Shrub, 1 to 2 ft.29	.99	Kentucky Coffee Tree, 1/2 to 1 ft.49	1.98	Dwarf Yellow Delicious Apple, 4 to 5 ft.	3.98	18.98	Mugo Pine, 3 to 5 inch39	1.49
Rose of Sharon, 1 to 2 ft.29	.99	*American Linden Tree, 2 to 3 ft.79	3.49	Dwarf Yellow Delicious Apple, 6 to 8 ft.	5.98	28.98	Scotch Pine, 3 to 5 inch29	1.29
Red Ozier Dogwood, 1 to 2 ft.29	.99	*American Linden Tree, 3 to 5 ft.	1.29	5.98	Dwarf Yellow Delicious Apple, 8 to 10 ft.	9.98	48.98	White Spruce, 1/2 to 1 ft.29	.99
Pussy Willow, 1 to 2 ft.29	.99	*Scarlet Maple, 4 to 5 ft.89	3.98	Dwarf Wine Sap Apple, 2 to 3 ft.	2.29	9.98	Douglas Fir, 1/2 to 1 ft.39	1.49
Pussy Willow, 4 to 6 ft.69	2.98	Russian Mulberry, 2 to 3 ft.69	2.98	Dwarf Wine Sap Apple, 4 to 5 ft.	3.98	18.98	Hetzl Juniper, 1/2 to 1 ft.59	2.49
Russian Olive, 1 to 2 ft.39	1.79	Russian Mulberry, 3 to 4 ft.98	3.98	Dwarf Early McIntosh Apple, 2 to 3 ft.	2.29	9.98	Sargent Juniper, 1/2 to 1 ft.69	2.98
Russian Olive, 2 to 3 ft.89	3.98	*Black Gum, 2 to 3 ft.79	3.49	Dwarf Early McIntosh Apple, 4 to 5 ft.	3.98	18.98	Shore Juniper, 1/2 to 1 ft.49	2.39
Red Barberry, 1 to 2 ft.49	1.98	Japanese Red Leaf Maple, 1 ft.	1.98	8.98	Dwarf Jonathan Apple, 2 to 3 ft.	2.29	9.98			
Jap Snowball, 1 to 2 ft.49	1.98	Norway Maple, 1 to 2 ft.49	1.98	Dwarf Jonathan Apple, 4 to 5 ft.	3.98	18.98			
Red Snowberry, 1 to 2 ft.29	.99	Golden Weeping Willow, 2 to 3 ft.29	.99	Dwarf Lodi Apple, 2 to 3 ft.	2.29	9.98			
White Snowberry, 1 to 2 ft.29	.99	Golden Weeping Willow, 4 to 6 ft.69	2.98	Dwarf Lodi Apple, 4 to 5 ft.	3.98	18.98			
Spiraea, Anthony Water—Red, 1 ft.39	1.79	Amur Corktree, 1 to 2 ft.39	1.49	Dwarf Cortland Apple, 2 to 3 ft.	2.29	9.98			
French Lilac—Red, White, Purple, 1 to 2 ft.98	4.49	Black Locust, 2 to 3 ft.29	1.25	Dwarf Cortland Apple, 4 to 5 ft.	3.98	18.98			
Scotch Broom, 1 to 2 ft.29	.99	Bald Cypress, 1 to 2 ft.49	1.98	Dwarf Northern Spy Apple, 2 to 3 ft.	2.29	9.98			
*Hypericum, 1 ft.19	.89				Dwarf Northern Spy Apple, 4 to 5 ft.	3.98	18.98			
Spice Bush, 1 to 2 ft.29	.99				Dwarf Yellow Transparent Apple, 2 to 3 ft.	2.29	9.98			
Butterfly Bush—Purple, 1 to 2 ft.49	2.29				Dwarf Yellow Transparent Apple, 4 to 5 ft.	3.98	18.98			
Butterfly Bush—Pink, 1 to 2 ft.49	2.29				Dwarf Yellow Transparent Apple, 6 to 8 ft.	5.98	28.98			
Vitea—Purple, 1/2 to 1 ft.39	1.79				Dwarf Montmorency Cherry, 2 to 3 ft.	2.49	11.98			
Green Barberry, 1 to 2 ft.29	.99				Dwarf North Star Cherry, 2 to 3 ft.	2.49	11.98			
Azalea—White, Purple, Red or Pink, 1/2 to 1 ft.59	2.49				Dwarf Bartlett Pear, 2 to 3 ft.	2.49	11.98			
*Hydrangea Arborescens, 1 to 2 ft.29	.99				Dwarf Kieffer Pear, 2 to 3 ft.	2.49	11.98			
Spiraea Thunbergi, 1 to 2 ft.29	.99				Dwarf Burbank Plum, 2 to 3 ft.	2.49	11.98			
Witchhazel, 1 to 2 ft.39	1.79									
FLOWERING TREES—1 or 2 Years Old												
Magnolia Grandiflora, 1/2 to 1 ft.		\$.49	\$ 1.98									
Magnolia Niagara, 1 to 2 ft.		1.39	6.49									
Mimos—Pink, 2 ft. ....		.29	.99								
Mimos—Pink, 3 to 4 ft. ....		.49	1.98								
Mimos—Pink, 4 to 5 ft. ....		.89	3.98								
American Red Bud, 2 to 3 ft. ....		.79	3.49								
White Flowering Dogwood, 2 to 3 ft. ....		.29	.99								
White Flowering Dogwood, 4 to 5 ft.		1.29	5.98									
Pink Flowering Dogwood, 1 ft.		1.29	5.98									
Pink Flowering Dogwood, 2 ft.		1.29	5.98									
Pink Flowering Dogwood, 3 to 5 ft.		3.98	18.98									
Golden Rain Tree, 1 to 2 ft. ....		.79	3.49								
Golden Rain Tree, 3 to 4 ft.		1.39	6.49									
Golden Chain Tree, 1 to 2 ft. ....		.79	3.49								
Smoke Tree, 1 to 2 ft.		1.49	6.95									
Purple Leaf Plum, 1 to 2 ft. ....		.59	2.49								
Purple Leaf Plum, 2 1/2 to 4 ft. ....		.89	3.98								
Purple Leaf Plum, 4 to 6 ft.		1.98	8.98									
Flowering Peach—Red or Pink, 2 to 3 ft. ....		.89	3.98								
Dbl. Pink Flowering Cherry, 3 to 5 ft.		3.98	18.98									
Flowering Crab—Red or Pink, 2 to 3 ft. ....		.89	3.49								
Flowering Crab—Red or Pink, 4 to 6 ft.		1.98	8.98									
Chinese Red Bud, 1 to 2 ft. ....		.49	1.98								
Dwarf Red Bouleau, 1/2 to 1 ft. ....		.69	2.98								
Magnolia Soulangiana, 1 to 2 ft.		1.39	6.49									
Weeping Japanese Red or Pink, 2 to 3 ft.		1.29	5.98									
White Flowering Peach, 2 to 3 ft. ....		.89	3.98								
Japanese Flowering Cherry, 3 to 5 ft.		3.98	18.98									
European Mountain Ash, 3 to 4 ft.		2.49	11.98									
Paul's Scarlet Hawthorn, 3 to 5 ft.		4.49	19.98									
*Big Leaf Cucumber, 3 to 5 ft.		1.69	7.95									
White Fringe, 2 to 3 ft.		1.29	5.95									
Red Flowering Dogwood, 1 to 2 ft. ....		.29	.99								
Red Flowering Dogwood, 2 ft.		2.49	11.98									
Red Flowering Dogwood, 3 to 4 ft.		3.98	18.98									
5-N-1 Flowering Crab, 3 ft.		3.98	18.98									
SHADE TREES—1 or 2 Years Old												
Silver Maple, 3 to 4 ft.		\$.39	\$ 1.59									
Silver Maple, 4 to 6 ft. ....		.79	3.49								
Chinese Elm, 2 ft. ....		.19	.89								
Chinese Elm, 3 to 4 ft. ....		.39	1.59								
Chinese Elm, 4 to 6 ft. ....		.79	3.49								
Green Weeping Willow, 2 to 3 ft. ....		.29	1.59								
Green Weeping Willow, 4 to 6 ft. ....		.69	2.98								
Catalpa Tree, 2 to 3 ft. ....		.29	.99								
Ginkgo Tree, 1 to 2 ft. ....		.79	3.49								
Ginkgo Tree, 3 to 5 ft.		2.98	13.95									
Pin Oak or Red Oak, 2 ft. ....		.79	3.49								
Pin Oak or Red Oak, 3 to 5 ft.		1.29	5.95									
Willow Oak or Scarlet Oak, 2 ft.79	3.49									
Willow Oak or Scarlet Oak, 3 to 5 ft.		1.29	5.99									

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Workmen from Spoon River Electric Co-operative and Western Illinois Power Cooperative worked quickly and skillfully to repair the damage.

The spliced cable was connected to a strong hoist rope attached to the top of the transmission pole.



It's All In a Day's Work

The work of the line crew for a cooperative is sometimes a rush—especially when an outage occurs.

The alarm sounds for the emergency call, hot dinner meals are often left uneaten in plates; family plans are sometimes canceled.

But it's all part of the job, a job too often taken for granted. Dedicated linemen—skilled and safety-minded, swift and precise—work to restore electric power.

To them it's all in a day's work. But to the cooperative and its members—it's much more; It's efficient and reliable service—and, a job well done.

—Photos by Dick Haney

The job complete, the men busied themselves in loading equipment on the truck in preparation for the next day's work.





The repair work took place in a steep valley and included a 750-foot span. The hardhat of a workman can just barely be sighted below the group of men.



After breaking the static wire the plane nose-dived into a wooded valley adjacent to the damage site. The pilot, alone in the plane suffered only cuts and a broken leg.

Glenn Davis, left, lineman and Russell Swenson, line foreman, examine damaged wire that was broken by the plane.



A day's work ended, the hoist rope is swiftly gathered.

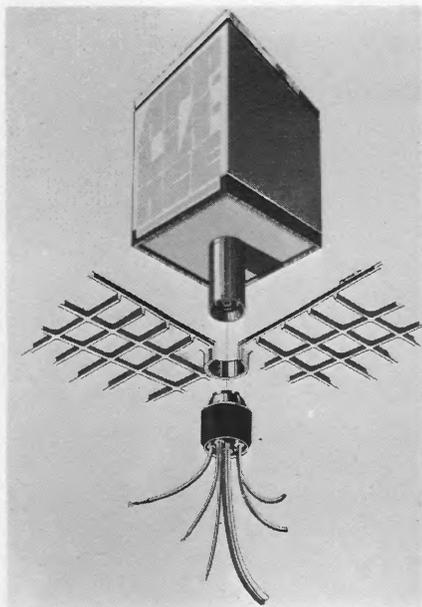


What's New?



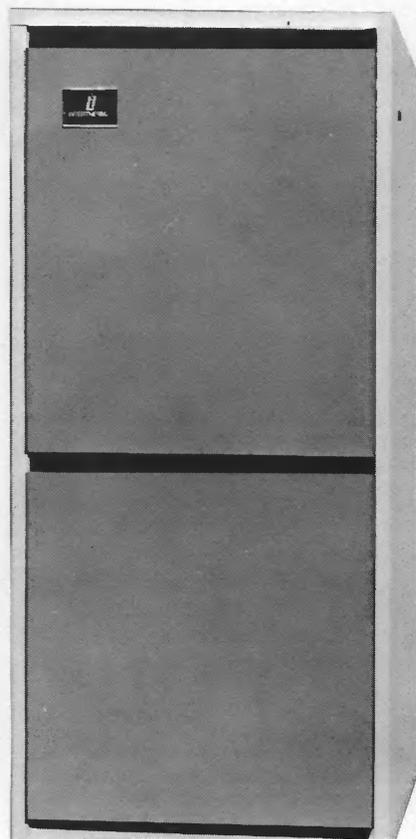
● Modular Kitchen

Whirlpool Corporation's design for a modular kitchen of the future permits a housewife to redesign her kitchen by detaching a utility unit, at right, moving it to a new location with an automatic connection to a mobile appliance. The concept is not as far off as one would expect, according to Whirlpool's design center.



● Slim-styled Furnace

A full line of upflow electric furnaces with capacities of 40,000-80,000 Btu is offered by Intertherm Inc. for mobile home applications. The new furnaces will be available in 11, 15, 17 and 23 Kw models with cabinet dimensions of 41" height, 19" width and 24" depth. Matched designed air conditioning units are available to provide a complete heating/cooling package.



Millions to Celebrate Co-op Month

Illinois electric cooperatives are preparing to join cooperatives of all kinds throughout the nation next month in observance of Cooperative Month, whose theme will be "Cooperatives Care."

This year's observation is expected to be the largest in the history of the program, said Thomas H. Moore, general manager of the Association of Illinois Electric Cooperatives.

Optimistic statements also have come from E. A. Jaenke, governor of the Farm Credit Administration, and Eric Thor, administrator of the Farmer Cooperative Service.

JAENKE, in a release through the office of the American Institute of Cooperation, said that "Cooperation can be counted as one of the most relevant words. There is literally nothing in this world which people cannot accomplish through it."

He cited examples of farmer cooperatives, rural electric cooperatives and the Farm Credit System and asserted: I've always thought the cooperative form of business to be the best kind of free enterprise. Through cooperatives, people of ordinary means can play a role in business ownership and share in the savings of their business while having something to say about the kind and quality of service provided. That is putting economic power in the hands of the people—just where it belongs."

THOR SAID that the theme of the month, "Cooperative Care," is an open end assertion that management should be prepared to substantiate to patrons and non-members alike.

"It implies both past and future worthiness," he said. "It summons management to squarely attack those problems hindering the improvement of farmer-members' economic and social well-being.

"If cooperatives care, advisory personnel are obligated to monitor changing supply and market patterns, farmers' financial needs and emerging technology. They must signal for change. They must respond to the call.

"If cooperatives care, members must make known what they expect of their cooperatives, that they intend to give wholehearted and vigorous support."

Flying Southern Illinois Farmer

(Continued from page 8)

1968 and began building their 12-room Cape Cod home. During the first year they lived in the basement, until enough of the upstairs was completed to move in.

With the help of Southern Illinois Electric Cooperative, Dongola, the Bauers have a totally electric home, which provides every convenience of city life, from the electric heat pump furnace, to the new glass top electric stove.

While her husband is flying, Mrs. Bauer and the four children spend their time doing chores on the farm. During the summer, the Bauers keep busy gardening and keeping up with their 4-H work.

"The children are active in the county 4-H. Twins Tim and Beth have started a beef project with two Black Angus calves their dad gave them," Mrs. Bauer said.

Bauer and his wife are also active in 4-H work. Mrs. Baur spends some spare time assisting the Union County Lucky Clover Leaf 4-H Club, as does her husband when he is home.



Norman Bauer and his happy family like farm life in southern Illinois—but he still flies regularly to "far away places" as part of his airlines job.

Bauer is also active in the community church, the Anna Rotary Club and the county fair. And he spends some time working in the International Student Program at neighboring Southern Illinois University in Carbondale.

"It's a busy life on the Bauer farm, but I wouldn't have it any other way," Bauer said.

"I didn't want my children to grow up in a concrete jungle and not know anything about a farm. Here they can develop and get a broader view of life," he said.

All the Bauer children are enthusiastic about farm life. Still, Louis, 11, wants to be a pilot like his dad and Beth wants to be a airline hostess. Twin Tim, 10, is undecided. But, 7-year-old David has his mind made up; he wants to be a farmer.

Land of Lincoln Crafts Festival To Be October 2-3

Thousands of persons are expected to attend the fifth annual Land of Lincoln Crafts Festival Saturday and Sunday, October 2 and 3, at the New Salem Carriage Museum on Route 97, three miles south of Petersburg.

The event is sponsored by the Petersburg Town and Country Womens' Club. It will feature 60 crafts practiced by American Pioneers. Visitors will see experts plucking geese, pressing cider, making kraut, shoeing horses, splitting rails, blowing glass, making shingles, delousing chickens, shelling corn with goat power, and water witching.

Some of the other crafts will include the making of apple butter and sorghum, rush weaving, chair caning, shoat ringing, lard rendering, gunsmithing and meat smoking.

Other features during the festivities will be stage coach rides and afternoon square dancing.

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50 TOWEL CO., Dept. CR-193 Box 662, St. Louis, Mo.

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- 50 TULIPS with 6 Dutch Muscari \$1.50
- 100 TULIPS with 12 Dutch Muscari \$2.75
- Remittance enclosed. Add 40c and we ship postage paid.
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6 Dutch Muscari (6 CM) imported from Holland given free with every 50 tulips. Fall planting. Spring blooms dainty blue.

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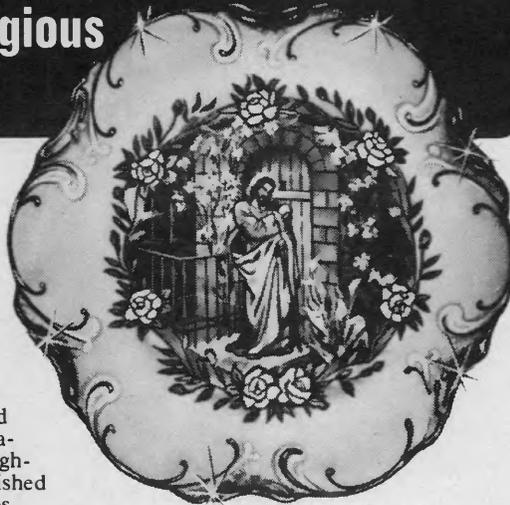
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Please rush complete details FREE—no obligation—of your Plan for our group to raise \$50 and more without spending 1¢—with your Christ Knocking at the Door Picture Plate.

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Address _____
City _____ State _____ Zip _____
Name of Organization _____

CONFUSION

Woman (calling bank, her muddled checkbook before her) "My figures don't agree with yours. Can you straighten this out?"

Bank: "What balance do you show?"

Woman: "Oh, no. That's not fair. I asked you first."

* * *

FIRST COME FIRST SERVED

The Colonel spotted a cigaret butt on the barracks floor during inspection, and bellowed at a rookie, "Is that yours?"

"Not at all, sir," came the polite answer. "You saw it first."

* * *

SHORT STORY

When the new reporter was sent on his first assignment, the city editor told him, "I want a story that is brief, to the point, with no words wasted."

A little later the reporter turned in this story:

"At the wedding reception, the jilted suitor complained of feeling ill, took a glass of punch, his coat, his hat, his departure, a taxi, a pistol and his life."

* * *

THAT'S TOUGH!

A man eating in a restaurant couldn't cut through his steak. He complained to the waiter.

"You'll have to take this meat back, and bring me another piece. I can't even begin to cut it."

"Sorry, sir," the waiter said. "I can't take it back now. You've bent it."

* * *

MODERN ART

A tiny but dignified old lady was among a group looking at an art exhibit in a new gallery devoted to contemporary painting.

When one picture caught her eye, she inquired, "What on earth is that?"

The gallery attendant smiled condescendingly and replied, "That, my dear lady, is supposed to be a mother and child."

"Well, then," snapped the little old lady, "why isn't it?"

GRAMMAR LESSON

A tramp paused outside the farmhouse door. "Clear out!" shouted the lady of the house. "I ain't got no wood to chop. There ain't nothin' you can do nohow around here."

Perhaps I could give you a few lessons in grammar," reported the wayfarer with dignity.

* * *

CONSIDERATION

Father: "Did I hear the clock strike three when you came home last night?"

Son: "Yes, Dad. It was going to strike 11, but I stopped it so it wouldn't wake you up."

* * *

SHATTERING EXPERIENCE

"I don't see why you're so mad at your ex-fiancee," said the friend. "After all, she returned your ring."

"That's right," replied the other. "But she didn't have to mail it back marked, 'Glass, handle with care!'"

* * *

QUOTABLE QUIPS

Summer: When kids slam the doors they left open all winter.

* * *

I have wavy hair; it keeps waving goodbye.

* * *

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* * *

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(More Ads on Page 23)

NERVOUS

I described my distress to a noted consulting Doctor in New York. He explained that "taut nerves or anxiety, a jittery feeling or shaky stomach are symptoms of simple nervous distress. Others are sleeplessness, headache, digestive upset, loss of appetite, cold perspiring, nervous irritability." Then the Doctor told me about a tranquilizing medicine with a remarkable Safety Factor against side effects—for calming without drowsiness on the job, for refreshing sleep, for comfortable days and nights. I am so grateful, I will send full information to anyone who writes. Free. No obligation. John Winters, Apt. E-109 313 E. 53rd St., N.Y. 10022

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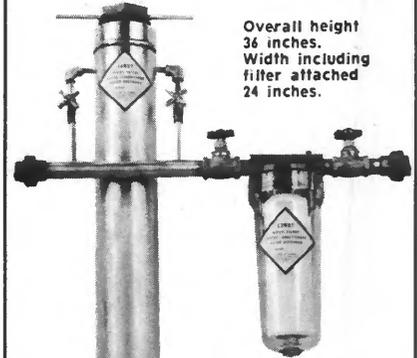
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WITH A MEXICAN ACCENT

■ Warm, but not fiery; not true-to-the-letter absolutes, but frank adaptations, our south-of-the-border dishes nevertheless capture the gay, essence of Mexican Cookery. Here are descriptions of the most popular dishes:

TORTILLA (*tor-tee-yah*)—very thin corn pancakes, used as bread and as a base for many dishes.

MASA (*mah-sah*)—wet-ground corn meal, used in tortillas.

TACOS (*tah-kos*)—tortillas folded and fried crisp, then filled with meat, bean or poultry fillings.

GUACAMOLE (*wah-kah-mo-lay*)—avocado dip.

TOSTADOS (*tohs-tah-dohs*)—tortillas fried flat, then heaped high with chopped meat, etc., similar to our open-faced sandwiches.

ENCHILADAS (*en-chee-lah-dahs*)—tortillas rolled around seasoned fillings, topped with sauce.

MEXICAN BEAN POT

1/4 cup (1/2 stick) butter
1/2 cup chopped onion
1/4 cup chopped green pepper
3/4 teaspoon chili powder
1/2 teaspoon salt
1/4 teaspoon dry mustard

1 medium tomato, peeled and coarsely chopped
1 package (10 oz.) Fordhook lima beans
1 can (1 lb.) kidney beans, drained
1/4 cup chopped pimiento

In saucepan melt butter; saute onion and green pepper until tender. Stir in chili, salt and mustard. Add tomato and lima beans; cover and bring to steaming point. Add kidney beans and pimiento; cover and simmer 5-7 minutes until lima beans are tender and kidney beans are heated through. Makes 6 servings.

MEXICAN PIZZA

1 cup self-rising corn meal
1 cup self-rising flour
1 tablespoon chili powder
1/3 cup shortening
1/2 to 3/4 cup milk
1 lb. ground beef

2 teaspoons garlic salt
1/2 teaspoon ground pepper
2 tablespoons chopped onion
1 cup (4 oz.) grated cheese
1 medium tomato, diced
Shredded lettuce

Stir together corn meal, flour and chili powder. Cut in shortening until mixture resembles coarse crumbs. Blend in enough milk to make a soft dough. Press dough into a 13-inch diameter pizza pan or 9 x 13-inch jelly roll pan. Bake at 375 degrees 20 to 25 minutes, or until done. Brown ground beef; add garlic salt and pepper. Sprinkle meat and onion over corn meal crust. Top with cheese; broil until cheese melts. Top with tomato and lettuce. Serve hot.

MEXICAN CHEESE DIP

- 1/4 cup (1/2 stick) butter
- 4 tablespoons flour
- 1 1/2 teaspoons ground mustard
- 1 teaspoon chili powder
- 1/2 teaspoon cumin seeds
- 1 tablespoon plain catsup
- 1 teaspoon pepper sauce
- 2 cups milk
- 1/2 pod jalapena pepper, chopped
- 6 oz. grated, processed cheese
- 1 bud garlic, finely chopped

Cook butter or margarine and flour over low heat for 1 minute. Add mustard, chili powder, cumin seeds, catsup and pepper sauce (from can of jalapena peppers). Mix well, add remaining ingredients. Cook mixture over low heat until thick, stirring constantly to avoid lumping. More jalapena pepper and sauce may be added to make a hotter dip. This recipe has appeared in the Arkansas Gazette Alley many times to help readers duplicate the dip served in local Mexican restaurants.

QUICK CHILI

- 2 lbs. lean ground beef
- 1 cup chopped onion
- 1 cup chopped green pepper
- 1 clove garlic, minced
- 2 15-oz. cans tomato sauce
- 2 15 1/2-oz. cans kidney beans, drained
- 1 teaspoon salt
- 1 tablespoon chili powder

Lightly saute beef, onion, green pepper and garlic. Pour off fat. Stir in remaining ingredients, simmer until thick. 8 servings.

TOSTADOS

- 1 15-oz. can tomato sauce
- 1 med. onion, chopped
- 1 clove garlic, minced
- 1/2 teaspoon salt
- 1 teaspoon chili powder
- 1 can (1 lb.-15-oz.) refried beans
- 1/2 lb. Cheddar or process cheese
- 1/2 head lettuce, shredded
- Cooking oil
- Ripe olives

Simmer tomato sauce, onion, garlic, salt and chili powder a few minutes. Fry tortillas, one at a time in cooking oil. Remove, drain on paper towels, keep warm in oven. To assemble, spread layer of heated beans on tortillas, sprinkle with cheese and lettuce. Spoon hot sauce mixture over each. Garnish with olives. Serve to 6.

TOSTADOS... No. 2

- 1 lb. bulk pork sausage
- 1 (No. 2) can kidney beans, drained
- 1/8 teaspoon Tabasco sauce
- 1/2 teaspoon dry mustard
- 1/2 teaspoon salt
- 6 tortillas
- 1 cup grated process cheese

Break up sausage with a fork and brown in frying pan. Remove the meat. Drain off all but about 2 tablespoons of fat. Fry beans. Add sausage and mix. Lay tortillas on baking pan. Spread each with sausage mixture. Sprinkle with cheese. Bake in hot oven at 400 degrees for 10 minutes, or until cheese melts. 6 servings.

TACOS AMERICAN

- 2 tablespoons butter
 - 6 frankfurters, chopped
 - 1 package (1 1/4 oz.) taco seasoning mix
 - 1 can (8 oz.) tomato sauce
 - 1/4 cup chopped dill pickle
 - 2 cups coarsely shredded lettuce
 - 1/4 cup chopped onion
 - 12 taco shells OR 12 tortillas, canned or frozen, prepared to package directions
 - 2 cups (8 oz.) shredded Cheddar cheese
- Melt butter; brown frankfurters. Stir in seasoning mix, tomato sauce and pickle. Heat until thickened and at serving temperature. Toss together lettuce and onion. Fill shells with meat, then lettuce and top with cheese. Serve immediately. Makes 12 tacos.

SOPAIPILLAS

- 2 cups sifted flour
- 1 teaspoon baking powder
- 1 teaspoon salt
- 1 tablespoon shortening
- 3/4 cup cold water

Cut shortening into dry ingredients, add water to make dough. Divide into 6 balls, roll each into thin rounds. Cut in wedges and fry in hot fat until puffed and golden. Makes 36.

GUACAMOLE

- 2 cups mashed avocados, mashed
 - 2 tablespoons lemon juice
 - 1/2 teaspoon grated onion
 - 2 tablespoons chili sauce
 - Few drops Tabasco
 - Salt to taste
- Mix together and chill. Serve with chips or good to top a green salad.

CHICKEN ENCHILADAS

- 2 cups coarsely chopped cooked chicken
- 12 tortillas
- 1 8-oz. can tomato sauce
- 1/4 cup water
- 1/2 cup chopped onion
- 1/4 cup chopped green pepper
- 1 clove garlic, minced
- 1/2 cup grated Cheddar cheese

Place chicken in center of each tortilla, roll up. Arrange in greased shallow baking dish. Combine tomato sauce, water, onion, pepper, garlic and liquid red pepper seasoning, if you wish, in saucepan, simmer 5 minutes. Pour over tortillas. Bake at 375 degrees 15 minutes. Sprinkle with cheese, return to oven for 5 minutes. Serve hot.

ENCHILADAS

- 2 (8-oz.) cans tomato sauce
 - 1 cup water
 - 1 teaspoon chili powder
 - 1 1/2 dozen tortillas
 - 1 1/2 cups grated process cheese
 - 1 1/2 cups onion rings
 - 9 eggs, scrambled
 - 1 1/2 cups shredded lettuce
- Combine tomato sauce, water, and chili powder; bring to a boil. Dip 6 tortillas in sauce. Place on flat baking pan. Sprinkle with 1/3 of the cheese and onions. Dip 6 more tortillas in sauce; place on top of first layer. Repeat, using remaining cheese, onions, and tortillas. Heat in 400 degree oven 10 minutes. Cook scrambled eggs. Remove pan from oven. Top each stack with lettuce and eggs. Heat remaining sauce to serve with enchiladas. 6 servings.

ENCHILADAS — AMERICAN STYLE

- 18 tortillas
- 1/2 cup fat
- 1/2 teaspoon salt
- 1 cup grated cheese
- 1 cup chopped onions
- 1/2 cup fat
- 1 15 1/2-oz. can chili con carne (plain or with beans)

Heat tortillas in hot fat until soft; spread with hot Chili and sprinkle with chopped onion, and roll. Stack rolls parallel on hot platter; pour over remainder of Chili (plain or with beans), adding more, if desired. Top with chopped onion and grated cheese; place in oven to melt cheese. Sprinkle with salt and chili powder. Serve while hot.

EMPANADAS

- 3 cups self-rising flour
 - 2 teaspoons chili powder
 - 1 cup shortening
 - 7 to 9 tablespoons cold water
 - Empanada Filling
 - 1 slice (2 oz.) sharp Cheddar cheese, cut in 10 pieces
 - Pimiento-stuffed green olives
- Sift together flour and chili powder. Cut in shortening. Sprinkle with water, a little at a time, mixing lightly until dough begins to stick together. Onto lightly floured board or pastry cloth turn out dough and press together. Wrap in wax paper and refrigerate while making Empanada Filling. Divide dough in half; roll one portion 1/8-inch thick. With 5-inch round cutter cut 10 circles; place on baking sheets. Repeat rolling and cutting with second portion; cut small holes from centers of these. Divide Empanada Filling among pastry circles on baking sheets. Top with cheese, then olive slices. Cover with remaining pastry; seal edges securely. Bake 15 to 20 minutes at 400 degrees. Remove to wire rack. Serve warm or cooled.

EMPANADA FILLING

- 2 tablespoons butter or margarine
 - 1/2 cup minced onion
 - 1/2 cup chopped green pepper
 - 1 clove garlic, minced
 - 1 pound ground beef chuck
 - 1 can (8 oz.) tomato sauce
 - 2 tablespoons flour
 - 1 teaspoon chili powder
 - 1 teaspoon cumin
 - 1/4 teaspoon ground cloves
- In saucepan melt butter. Stir in onion, green pepper and garlic; saute 5 minutes. Stir in beef and brown. Stir in tomato sauce, flour, chili powder, cumin and cloves. Cook until thickened. Cool slightly while rolling and cutting pastry. Use to fill pastry.

CINNAMON TEA CAKES

- 1 cup (2 sticks) butter
- 1/2 cup confectioners sugar
- 1/2 teaspoon vanilla
- 1 3/4 cups sifted regular all-purpose flour
- 1 teaspoon ground cinnamon
- 1/4 cup confectioners sugar
- 1/4 teaspoon ground cinnamon

Cream butter, gradually add 1/2 cup sugar and beat until light and fluffy. Blend in vanilla. Sift together flour and 1 teaspoon cinnamon; gradually add to creamed mixture. Chill several hours for ease in handling. Shape into balls 1-inch in diameter, place on baking sheets. Bake in pre-heated 350 degree oven 15 minutes. Cool on wire rack. In a small bowl combine 1/4 cup sugar and 1/4 teaspoon cinnamon. Sprinkle cinnamon and sugar mixture over cookies. Makes 3-4 dozen.

MEXICAN PAINTED COOKIES

- 1 cup (2 sticks) butter
- 2 cups sugar
- 2 eggs
- 1 teaspoon vanilla
- 1/2 teaspoon almond extract
- 4 cups sifted regular all-purpose flour
- 2 teaspoons baking powder
- 1/2 teaspoon salt
- EGG PAINT
- 1 egg yolk
- 1/4 teaspoon water
- Food color

Cream butter, gradually add sugar; beat until light and fluffy. Beat in eggs, one at a time. Blend in vanilla and almond extracts. Sift together flour, baking powder and salt; gradually add to creamed mixture. Divide dough into three parts; chill for ease in handling. On lightly floured surface roll one part at a time to 1/4-inch thickness. Cut with a large floured custard cup or other cutter measuring 5 1/2 inches in diameter. With wide spatula transfer to baking sheet. Bake in preheated 375 degree oven 10-12 minutes. Cool on wire rack. To prepare Egg Paint: Mix egg yolk and water. Divide mixture and add food color. Paint on designs with brush. Makes 14-17 cookies.

MEXICAN CHOCOLATE ICE CREAM SAUCE

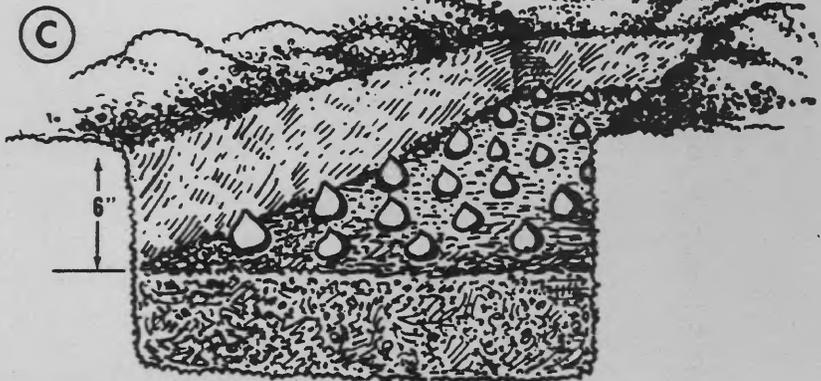
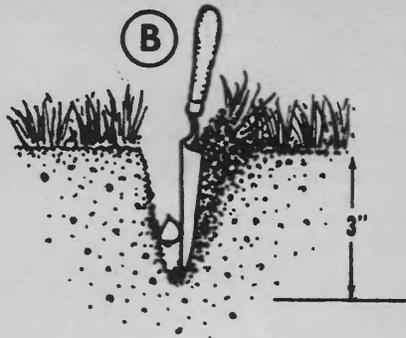
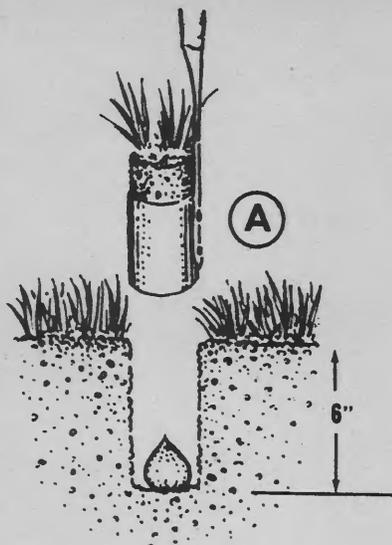
- 1/2 cup milk
- 1 tablespoon corn syrup
- 1/4 teaspoon cinnamon
- 1 cup (6-oz. pkg.) semi-sweet chocolate pieces

In saucepan heat milk; add corn syrup and cinnamon. Stir in chocolate pieces until sauce is heated and smooth. Cool before serving. Makes approx. 1 cup.

MEXICAN CHOCOLATE

- 4 squares (4 oz.) semi-sweet chocolate
- 2 squares (2 oz.) unsweetened chocolate
- 4 cups milk
- 1 stick cinnamon
- 2 tablespoons sugar
- 1/4 teaspoon vanilla
- 2 egg whites, beaten until foamy

In the top of a double boiler over hot water melt chocolate. In saucepan heat milk with cinnamon stick to serving temperature. Gradually pour milk into chocolate; stir in sugar and vanilla. Add egg whites. With a wire whip roll the handle of the whip in the palm of your hands back and forth until foam forms, or beat with mixer. Remove cinnamon stick and serve. If drink begins to separate, beat again. Makes 5 cups. Note: Mexicans like their chocolate strong flavored. You may prefer to add more milk than the recipe calls for.



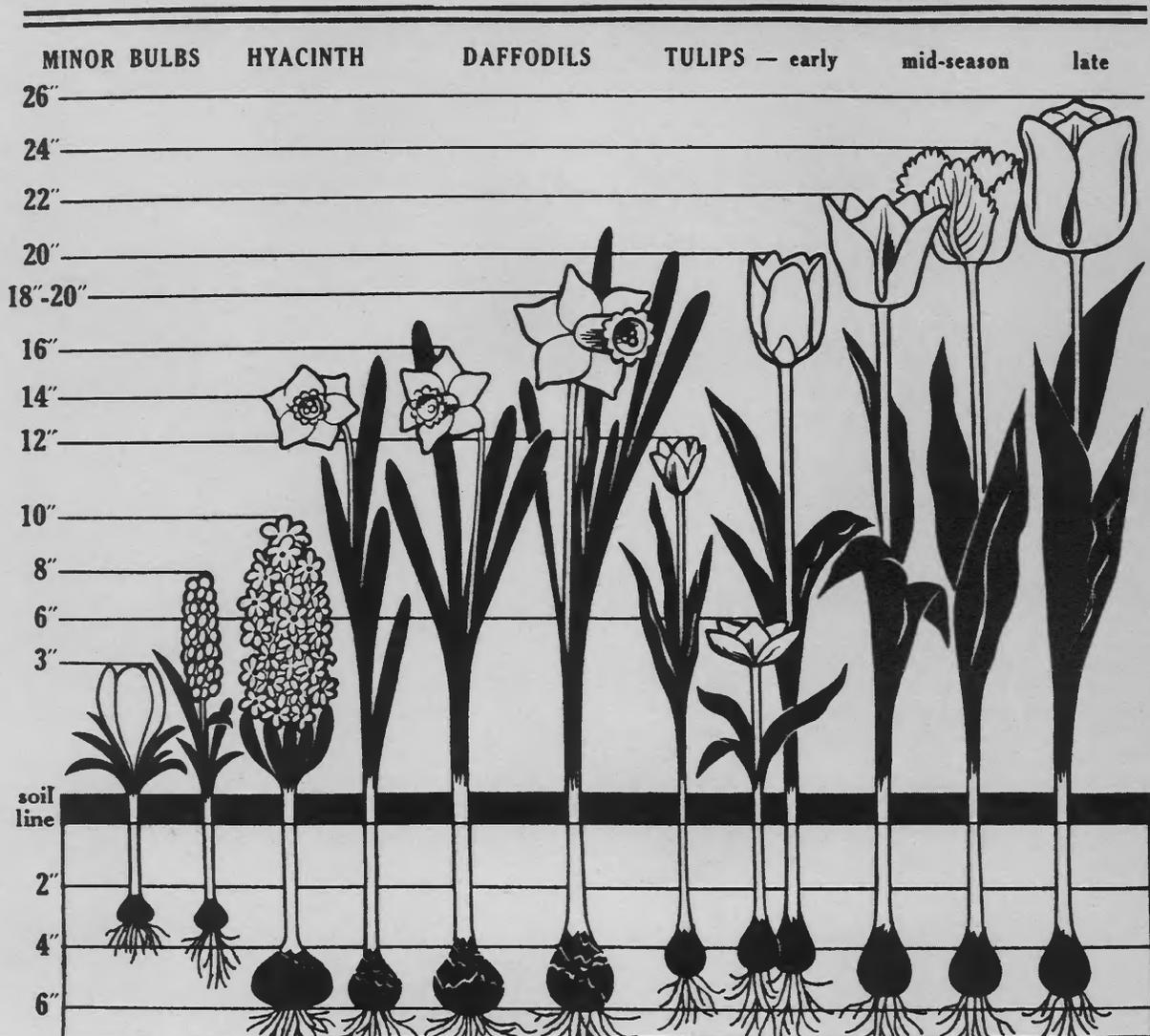
B) The ideal method for planting individual minor bulbs—such as crocus, muscari, eranthis, galanthus—is to push the trowel into the soil to the required depth (3" deep for minor bulbs), pull trowel towards you, insert bulb, refill the hole.

C) When a dozen or more bulbs are to be planted in one location, remove all of the soil to the proper depth, break up soil below, set bulbs in place, cover with removed soil.

NOTE: Bulbs should be water regularly at planting time and throughout the fall should there be insufficient rains.

Here are three methods of planting flower bulbs:

A) Using a foot or hand bulb planter, remove a "core" of earth to the proper depth (6" for tulips, daffodils and hyacinths; 3" for minor bulbs). Set the bulbs in place and refill the hole.



Plant your spring color this fall

■ Autumn's colorful leaves dotting the ground as they drop from windswept limbs can only be outdone by the spectacle of color that comes from spring flowers. The fall and spring seasons should really be spoken of in the same breath because they are closely related. Fall is the time when gardeners tuck away their spring-flowering bulbs to nurture during the winter waiting to bloom the following April.

"Think Spring" should be the motto of everyone with a clay pot or an acre of ground. For even in a little clay pot colorful tulips can be grown and across a front garden hundreds may be planted to create a carpet of spring color.

Think spring while at your garden center selecting those bulbs that you would like to bloom in your garden. Think tulips in rainbow colors; think yellow daffodils dancing in the breeze; think hyacinths with their heady perfume permeating the house and garden. Think crocus heralding spring as they peek through winter's snowy blanket.

The Dutch who have been developing bulb flowers for centuries tell us to "Think Spring" as this year's crop of bulbs start arriving. Those who plant late may plant leftovers.

WHAT TO PLANT: By proper planning with a selection of different bulbs it is possible to have flowers in bloom for the entire spring season. Some Dutch bulbs, like Snowdrops,

will blossom in March. With tulips alone, it is possible to have flowers from March through June. Daffodils hyacinths will blossom in mid-April to early May. Select your bulbs to bloom in sequence. Depending on local weather conditions, the blooming season will start in early March.

WHEN TO PLANT: Bulbs must be planted in the fall. After they are nestled in the ground, the bulbs will start developing roots until stopped by heavy winter freeze. Bulbs planting may be done up until the time the ground freezes too hard to dig.

HOW TO PLANT: Larger bulbs—tulips, daffodils, hyacinths—should be planted 6" deep and 6" apart. Species tulips—such as Fosteriana, Kaufmanniana—are planted only 4" deep. The little (minor) bulbs—Crocus, Galanthus, Muscari—are planted 3" deep and 3" apart. Set bulbs firmly in place—pointed ends up—cover with soil and water well. Bulbs are always planted as far apart as they are deep. Bulbs like well-drained soil.

TULIPS: a 10-week flowering season is possible with tulips when you plant with care from different classes. As one class reaches its peak, the next to follow is already preparing to bloom. Tulips are more effective when planted in clumps of a dozen or more. One or two alone look lost and lonely. They do well in sunny or shaded spots. Those with classic tulips shapes—Triumph, Darwin, Cot-

tage—are especially suited for garden beds and borders. The early-blooming species which grow from 4 to 12" tall, and the Doubles, are effective in rock gardens or casual planting. The lacy-petaled Parrots, the Lily-flowering and Double Lates, plus large Darwin Hybrids, are dramatic and should be planted for the center of interest.

HYACINTHS: They are famous for their unparalleled fragrance. They can be planted singly or in groups among evergreens. In addition to white and soft colors, modern varieties are now available in exciting colors.

DAFFODILS: One of the long-remembered delights of spring is the golden daffodil nodding in the sun. Consider other daffodils in addition to the yellow Trumpet types. They are now available in a large assortment of colors and shapes and will multiply.

LITTLE BULBS: The little bulbs are valued for their habit of ushering in spring well ahead of the calendar. Their very names tell the role they play in the late winter garden: Snowdrop (Galanthus) and Glory of the Snow (Chionodoxa) are two examples. Once planted little bulbs are hardy and take care of themselves. They should be planted in large quantities. Crocus, Galanthus and Chionodoxa are the earliest to bloom. The Grape Hyacinth (Muscari) is a mid-season flower, pretty with daffodils or red tulips.

Information and illustrations Courtesy Netherlands Flower Bulb Institute

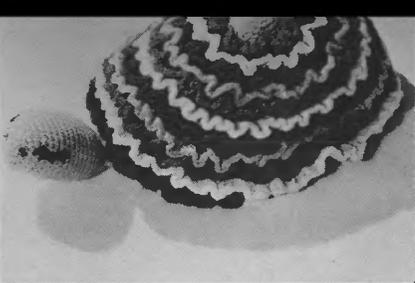
Plan your garden now with this timetable

Some of the many bulbs in the order of their flowering are:

Galanthus (Snowdrop)
Eranthis (Winter Aconite)
Crocus
Scilla Sibirica (Siberian Squill)
Iris Reticulata
Chionodoxa (Glory of the Snow)
Species Tulips:
Kaufmanniana, Forteriana, etc.
Muscari (Grape Hyacinth)
Trumpet Daffodils
Single and Double Early Tulips

Hyacinths
Large & Medium-cupped Daffodils
Triumph & Darwin Hybrid Tulips
Short-cupped, Poeticus
Narcissus, Jonquil
Late-flowering Tulips:
Double Late (Peony flowered),
Lily-Flowered, Darwin, Cottage
Parrot, Breeder
Scilla Campanulata (Wood Hyacinth
or Spanish Squill)

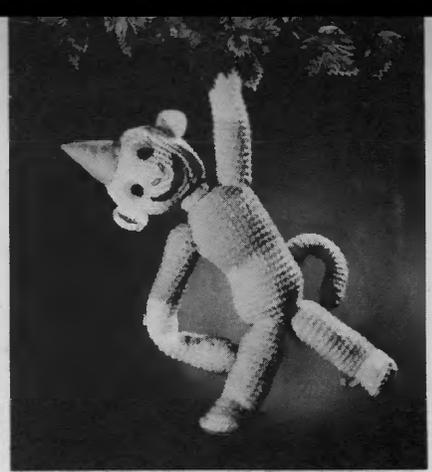




1. **Turtle Pajama Bag**—The turtle is willing to share his shell with you. Tuck in your pajamas. By day, it's a plumply stuffed pillow to leave on the bed, or a toy for the children. It's crocheted.



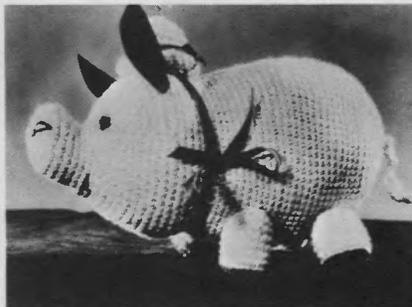
3. **Scarecrow Sock Doll**—This one may grow up to frighten bad birds away, but he is too cute to be very scary. Basic materials are a pair of old socks, terry toweling and yarn. He will not break.



4. **Clown Monkey**—This fellow is full of holiday hijacks. Kids will love his monkeyshines. What a surprise to find monkey toy swinging from the tree on Christmas morning. The 15" toy is crocheted.



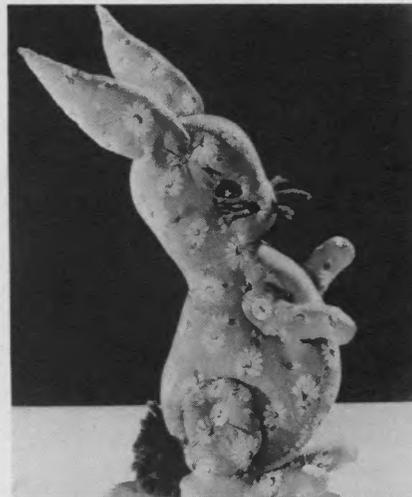
2. **Three Yarn Dolls**—Raggedy imps will be waiting under the Christmas tree. A polka-dot clown and gingham-clad boy and girl sleepy heads are adorable. Limbs are braided, their bodies are cotton filled.



5. **Pig**—This is the star of many a nursery tale. Mother Goose can vouch for this waggish fellow. The pig is roundly crocheted. He is pink, plump and a jolly good toy. Make a large litter for kids.



6. **Clown Toy**—He's a one-man three ring circus, this crazy mixed-up clown. To make him, juggle a few basic crochet stitches with a hook and colorful yarn. This fellow will capture your heart.



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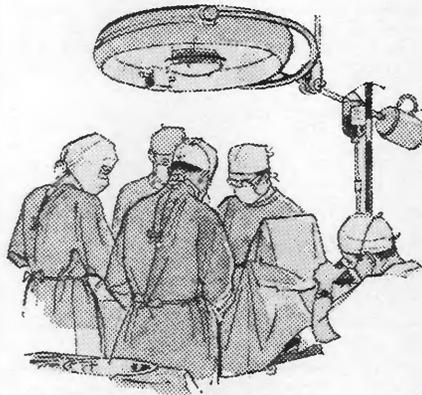
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