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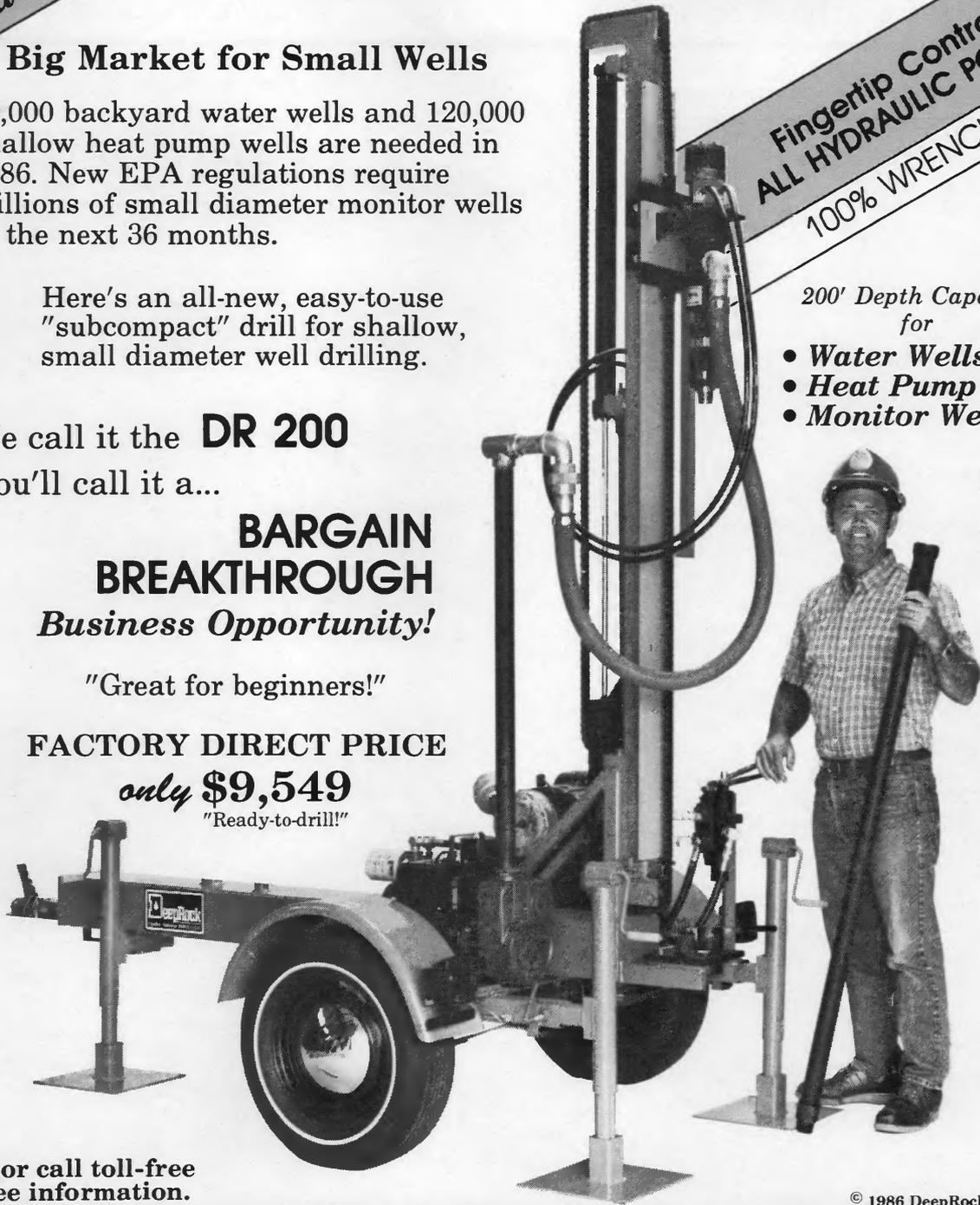
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# Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

This is a reprint of a letter sent to members in early December. The rate comparison to which the letter refers is printed on the opposite page.

December 9, 1985

Dear Member:

Your Board of Directors and Staff have been busy the past several weeks studying the financial condition of your cooperative.

The Board has concluded that an increase in 1986 is absolutely necessary to maintain a strong and viable business. After careful consideration, a 5% increase was unanimously approved. Effective at the same time is a cooperative-supported change in the State Utility Tax from 5% of the bill to 0.32 cents (\$0.0032) per KWH. This results in a decrease in the tax which will be passed directly on to you. Therefore, the net increase to you will be less than 5% because of the tax change.

On the back of this letter is a computer printout, in increments of 100, showing the 1985 rate and the percentage of overall increase.

Let's look at 1000 KWH, which is about the average usage on the farm rate. The total cost in 1985 was \$95.00. This will be increased by \$3.20 to \$98.20. This amounts to a net increase of 3.37%.

Security lights will be increased from \$5.50 to \$7.00 per month.

These new rates will become effective December 26, 1985, and will be reflected in your new rate chart for 1986 that you will receive just prior to the January 26 billing. If you have any questions in regard to the rate increase, or to the operation of the Cooperative, please call the office.

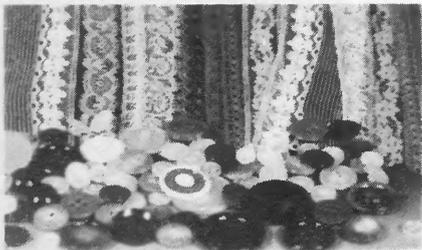
Board of Directors  
Shelby Electric Cooperative

\*\*\*\*\*  
 SHELBY ELECTRIC COOPERATIVE RATE COMPARISON  
 \*\*\*\*\*

1985 EXISTING RATE "A"				NEW 1986 RATE "A"			
FACILITIES CHARGE		8.00		FACILITIES CHARGE		8.00	
FRST STEP	500 KWH	.092/KWH		FRST STEP	500 KWH	.0952/KWH	
NEXT STEP	500 KWH	.082/KWH		NEXT STEP	500 KWH	.0852/KWH	
NEXT STEP	100000	.072/KWH		NEXT STEP	100000	.0752/KWH	
NEXT STEP	100000	.072/KWH		NEXT STEP	100000	.0752/KWH	
FUEL ADDR		NONE/KWH		FUEL ADDR		NONE/KWH	

\*\*\*\*\*

KWH USAGE	1985 BILL	CENTS/KWH	1986 BILL	CENTS/KWH	DIFFERENCE	PERCENT
0	8.00	-	8.00	-	0.00	0.00
100	17.20	17.20	17.52	17.52	0.32	1.86
200	26.40	13.20	27.04	13.52	0.64	2.42
300	35.60	11.87	36.56	12.19	0.96	2.70
400	44.80	11.20	46.08	11.52	1.28	2.86
500	54.00	10.80	55.60	11.12	1.60	2.96
600	62.20	10.37	64.12	10.69	1.92	3.09
700	70.40	10.06	72.64	10.38	2.24	3.18
800	78.60	9.83	81.16	10.15	2.56	3.26
900	86.80	9.64	89.68	9.96	2.88	3.32
1000	95.00	9.50	98.20	9.82	3.20	3.37
1100	102.20	9.29	105.72	9.61	3.52	3.44
1200	109.40	9.12	113.24	9.44	3.84	3.51
1300	116.60	8.97	120.76	9.29	4.16	3.57
1400	123.80	8.84	128.28	9.16	4.48	3.62
1500	131.00	8.73	135.80	9.05	4.80	3.66
1600	138.20	8.64	143.32	8.96	5.12	3.70
1700	145.40	8.55	150.84	8.87	5.44	3.74
1800	152.60	8.48	158.36	8.80	5.76	3.77
1900	159.80	8.41	165.88	8.73	6.08	3.80
2000	167.00	8.35	173.40	8.67	6.40	3.83
2100	174.20	8.30	180.92	8.62	6.72	3.86
2200	181.40	8.25	188.44	8.57	7.04	3.88
2300	188.60	8.20	195.96	8.52	7.36	3.90
2400	195.80	8.16	203.48	8.48	7.68	3.92
2500	203.00	8.12	211.00	8.44	8.00	3.94
2600	210.20	8.08	218.52	8.40	8.32	3.96
2700	217.40	8.05	226.04	8.37	8.64	3.97
2800	224.60	8.02	233.56	8.34	8.96	3.99
2900	231.80	7.99	241.08	8.31	9.28	4.00
3000	239.00	7.97	248.60	8.29	9.60	4.02
3100	246.20	7.94	256.12	8.26	9.92	4.03
3200	253.40	7.92	263.64	8.24	10.24	4.04
3300	260.60	7.90	271.16	8.22	10.56	4.05
3400	267.80	7.88	278.68	8.20	10.88	4.06
3500	275.00	7.86	286.20	8.18	11.20	4.07
3600	282.20	7.84	293.72	8.16	11.52	4.08
3700	289.40	7.82	301.24	8.14	11.84	4.09
3800	296.60	7.81	308.76	8.13	12.16	4.10
3900	303.80	7.79	316.28	8.11	12.48	4.11
4000	311.00	7.78	323.80	8.10	12.80	4.12
4100	318.20	7.76	331.32	8.08	13.12	4.12
4200	325.40	7.75	338.84	8.07	13.44	4.13
4300	332.60	7.73	346.36	8.05	13.76	4.14
4400	339.80	7.72	353.88	8.04	14.08	4.14
4500	347.00	7.71	361.40	8.03	14.40	4.15
4600	354.20	7.70	368.92	8.02	14.72	4.16
4700	361.40	7.69	376.44	8.01	15.04	4.16
4800	368.60	7.68	383.96	8.00	15.36	4.17
4900	375.80	7.67	391.48	7.99	15.68	4.17
5000	383.00	7.66	399.00	7.98	16.00	4.18



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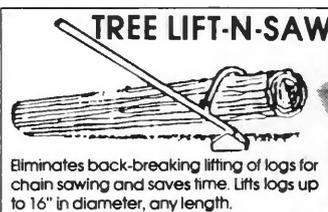
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- Drop'em, saw'em, stand'em up and split'em.
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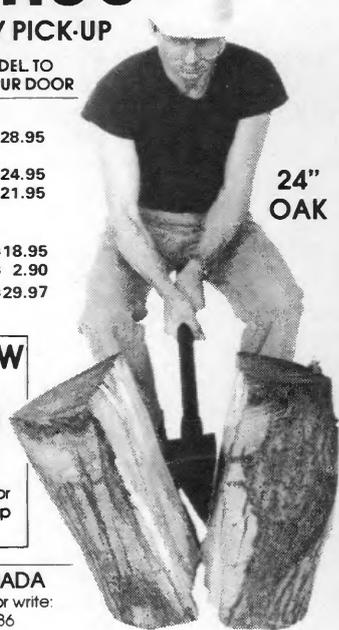
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## Livestock operations may benefit from Choremaster

**G**iven the proper use, electric vehicles may have a place on the farm, and they may even be able to reduce equipment costs, according to Les Christianson, a new member on the University of Illinois Agricultural Engineering staff. Christianson comes from South Dakota State University, where he was one of the project leaders in designing and testing an electric vehicle for agricultural use. Electric cooperatives supported the project through funding by the National Rural Electric Cooperative Association Research Fund.

Beginning in 1979, Christianson and other South Dakota State staff members designed three models of the "Choremaster" — an electric tractor that is best suited to farm chores, not field work.

He says that dairy, beef, swine and poultry farmers would have the most interest in electric vehicles because these farmers need a farm chore vehicle approximately 300 days out of a year. A grain farmer, on the other hand, may only need a chore tractor 30 to 70 days out of a year, which would not make it economical.

The initial cost of an electric tractor is about 10 to 15 percent higher than a diesel-powered tractor. However, Christianson says that energy savings, a longer vehicle life and reduced

maintenance with an electric vehicle more than offset this initial higher cost.

In fact, in one comparative study, South Dakota researchers found that if you considered all expenses over a vehicle's lifetime (including initial costs), the electric vehicle saved almost \$2,000 per year over the diesel vehicle.

Other advantages of the electric vehicle, he adds, are less noise, an absence of noxious fumes for in-building use, ease of starting and less dependence on one energy source.

The 4,000-pound battery in the electric Choremaster was able to power the vehicle for about 15 miles of stop-and-go driving under different load conditions before it needed to be recharged, Christianson says. This equals about four hours of tractor chores on typical farms.

When moving packed snow in 20- to 30-degree Fahrenheit weather, the tractor operated for about three and one-half hours, and cold conditions did not affect the battery's capacity.

In -20 degree F weather, the battery also performed well, but the hydraulic fluid and valves performed poorly and the instruments for measuring energy usage malfunctioned. In this case, however, Christianson notes that the battery was not insulated and the vehicle sat out overnight.

Although the electric vehicle is a new concept in American agriculture, the idea of a battery-powered car is an old one, dating back to 1847.

By the 1900s, electric car manufacturers were generating about \$18 million of business per year in the United States alone; but then came the decline. Gasoline-powered cars replaced electric cars, leaving electric vehicles with specialty jobs, such as milk delivery, mine work and forklift operation.

It was not until the oil embargo of 1973 that interest picked up once again and money was channeled into electric vehicle research.

In Europe, Christianson says, electric vehicles have been widely used for milk delivery since the 1930s; and they have been used in those European cities where combustion vehicles are banned due to pollution concerns.

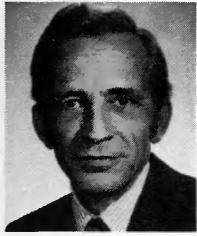
Because European farms are not as large as those in the United States, researchers there also are developing an electric tractor that is practical primarily for field work.

In the United States, meanwhile, the interest seems to be present for an electric farm chore tractor, Christianson says. In a South Dakota survey, dealers, Extension agents and farmers were all receptive to the idea.

For example, the dealers surveyed estimated that the electric Choremaster could replace 32 percent of their sales of tractors (below 100 horsepower) to dairy operators, 29 percent of their sales to beef operators and 34 percent of their sales to swine operators.

# CURRENT LINES

## from cooperative managers



Bill LeCrone, Manager  
**Shelby Electric**

Shelbyville, Illinois

We are continuing to read all meters on one substation area each month. We have found meter seals broken or removed. I thought we should bring to your attention again Article XII, Section 6 of our Policy titled: "Meter System Integrity"

*"Section 6. Each member shall be responsible for preventing tampering with or unauthorized entry into metering equipment serving such member, and shall promptly report to the Cooperative on broken seals and any unauthorized entry into any metering equipment serving such member. All seals shall be installed and removed only by Cooperative personnel, except if Cooperative personnel are not available to remove the seal if specific approval for the removal of the seal is first obtained from the Cooperative. Should a meter seal be broken or removed without authorization, a charge of*

*\$50.00 may be made to the member to replace the seal and in addition thereto, each member shall be responsible for payment for all energy not metered during the period of inaccurate meter registration due to tampering."*

If you have any questions about the above, call the office. We will be glad to explain our meter seal policy to you.

From time to time, your Cooperative discovers a hazardous condition that affects the safety of the member and Cooperative.

An addition to an existing structure was recently discovered, with a pole protruding through the newly built roof. This existing meter pole also served another location, compounding the problem.

How will the Cooperative maintain this pole? What happens if the pole rots at the base? How will it be replaced? The wiring at the meter pole could fail — how can it be replaced?

These are just a few of the potential problems that exist. We remind you that anytime you plan to add to your existing facilities to check where the overhead/underground wires are located.

If you have any questions as to what is safe or unsafe, please contact the office for assistance.



Roy D. Goode, Manager  
**Rural Electric**

Auburn, Illinois

The Cooperative's board of directors has called a special meeting of members of Rural Electric Convenience Cooperative Co. to be held March 8, 1986, in the Auburn High School gymnasium. Registration starts at 8 a.m., with the business meeting at 9 a.m.

### NEW LATE PAYMENT SCHEDULE ADOPTED

It is very important that your Cooperative receive payments on your electric accounts by the tenth of each month. Your Cooperative has bills to pay also and the only source of income to pay these bills is from you, the member.

Your Cooperative's board has taken steps to encourage members to pay on schedule, or on, or by, the tenth of the month.

The gross amount will be 5 percent of the net amount or \$5 whichever is greater, and any unpaid amount at the end of the month will be charged an additional 1 ½ percent

per month. Hopefully, this will encourage members to pay timely, so your Cooperative can pay on time to take advantage of any discounts. Your discount will appear on your bill.

Previously the gross amount was 10 percent higher than the net amount.

### ONLY ONE LATE NOTICE TO BE SENT

In 1986, members who have not paid by the tenth of the month will receive only one late notice. This reminder will also serve as your final notice, or notice of disconnect. We thank and appreciate the great majority of members who have never received a late notice or final notice.

We trust this procedure will not be offensive to members who forget to pay timely, and we regret in advance if you receive the final notice and the only previous notice is your electric billing and you do take offense.

Your Cooperative is constantly examining methods to reduce expenses and the "Did you forget?" notice and "Final notice" have been duplication of notices for the most part.

Please don't expect two notices, and please don't be insulted or resentful if you receive your Final Notice without prior notice.

We also realize that the overwhelming majority of members don't know what we are talking about, because



## You and your family

We have your well-being, quality of life and safety in mind . . . and that is the reason for this message.

*We've tried to capture the pure essence of electricity and put it on this light bulb. Scratch the bulb and then sniff it. Let everyone in the house sniff it.*



Don't be confused if you can't smell anything. You shouldn't be able to. Even though we tried our best, we can't add a distinctive odor to electricity. So you can't smell electricity's pilot lights and burners in your house.

The bad-smelling odor in gas is a safety signal that something is wrong. With electricity there is no flame, so you don't have to worry about "safety smells." There are no fumes or indoor pollution to worry about.

### **If you do smell electricity . . .**

call your electric cooperative immediately. We would sure like to find out what electricity smells like so we can pass the information on to the rest of our members.

### **Clean, efficient electricity . . .**

for water heating, kitchen appliances, clothes dryers, domestic heating and hundreds of tasks around the home and farm.

Electricity is your silent servant, the friend you often take for granted. Electricity is dependable and 100% efficient.

Use it wisely and conserve when you can. And think twice the next time you are considering the purchase of a new major appliance. Think electricity! Your clean, reliable silent partner.

Even though you can't smell it, it's good to know electricity will be there when you need it.

they faithfully pay the electric bills by the tenth of the month. Your Cooperative personnel do appreciate your cooperation, and hope everyone will pay the discount amount.

#### **WHOLESALE PURCHASED POWER COST ADJUSTMENT**

The energy charges in the above rate shall be increased or decreased by 0.11 mill (\$.00011) per kilowatt-hour for each 0.10 mill (\$.00010) or major fraction thereof, by which the Cooperative's total wholesale power cost per kilowatt-hour purchased for the preceding month exceeds or is less than 8.0 cents (\$.08) per kilowatt-hour. The wholesale power costs for 1986 will be based upon 8.5

February 1986

cents (\$.085) and the wholesale purchased power cost adjustment for 1986 will be \$.0055 (\$.005 x 1.1).

#### **DUAL HEAT RATE**

Your board of directors has made available to all farm and residential consumers, public building and small commercial consumers for space heating a rate of 4.0 cents per kilowatt-hour.

Such service will be used in conjunction with a space heating system using fossil fuel (propane, fuel oil, natural gas, wood, coal or other fuels) or solar as an alternate heat source and heat pumps with resistance heating elements as back-up. For more information contact the Member Service Department.

### THOUSAND ISLAND DRESSING

- 3/4 cup mayonnaise
- 3 tablespoons milk
- 1 tablespoon chili sauce
- 1 tablespoon sweet pickle relish
- 1 hard-cooked egg, finely chopped
- 1 teaspoon garlic powder

Combine ingredients. Chill thoroughly. Serve on chef's salad or greens. Makes one cup.

### FRIED PIE CRUST

- 2 1/2 cups all-purpose flour
- 2 teaspoons baking powder
- 1/2 teaspoon salt
- 2 tablespoons sugar
- 1/2 cup shortening
- 1 egg
- 1 cup evaporated milk

Sift dry ingredients together. Cut in shortening. Beat egg with milk; add to dry ingredients. Knead out lightly and wrap tightly. Chill in the refrigerator. Roll dough thin. Fill with cooked dry fruits of your choice. Fry in cooking oil at 375 degrees.

### FRITO SALAD

- 1 head lettuce, torn in pieces
- 2 tomatoes, peeled & chopped
- 2 med. onions, chopped
- 1 10 oz. pkg. mild cheddar cheese
- 2 cans red kidney beans, drained & rinsed
- 1 lb. bag Fritos, crushed
- 1 8-oz. bottle French dressing

Mix first five ingredients well. Just before serving add Fritos and dressing. Mix to blend ingredients.

### MARY'S POTATO CASSEROLE

- 2 lbs. frozen hash browns, defrosted
- 1/2 cup melted butter
- 1 teaspoon salt
- 1/4 teaspoon pepper
- 1/4 cup melted butter
- 2 cups crushed corn flakes
- 1/2 cup chopped onion
- 1 can undiluted cream of chicken soup
- 1 pint sour cream
- 10 oz. (2 cups) grated sharp Cheddar cheese

Defrost potatoes, combine in large bowl with melted butter. Add salt, pepper, onion, soup, sour cream, and cheese. Pour into greased casserole dish. Cover with corn flakes mixed with 1/4 cup of butter. Bake at 350 degrees for 45 minutes.

### MAKE AHEAD CHICKEN & RICE CASSEROLE

- 3 cups cooked rice
- 3 cups cooked chicken, chopped
- 1 small onion, chopped
- 1 2 1/2-oz. jar sliced mushrooms, drained
- 2 cups (8-oz.) shredded American cheese
- 2 cups milk
- 1 10 1/4-oz. can cream of celery soup, undiluted
- 1/2 teaspoon salt

Add all ingredients together, mixing well. Spoon into a lightly greased 3 qt. baking dish; cover and refrigerate for several hours or overnight. Remove from refrigerator; let stand at room temperature 30 minutes. Bake, uncovered, at 350 degrees for 45 minutes. Serves 6 to 8.

### CHEESE WAFERS

- 1 cup sharp cheddar cheese, grated
- 1/2 cup butter
- 1 3-oz. pkg. cream cheese
- 1 cup pecans, grated
- 1/2 cup flour
- 1/2 teaspoon salt
- 1/8 teaspoon cayenne pepper
- 2-3 drops yellow food coloring

Bring cheese and butter to room temperature. Cream together until fluffy. Add remaining ingredients and mix well. Shape into small balls. Place on ungreased cookie sheet; press with tines of fork. Press a small pecan half into center of wafer. Bake at 350 degrees for 15-20 minutes.

### MEXICAN RICE CASSEROLE

- 1 lb. ground beef, lean
- 1/2 cup bell pepper, chopped
- 3 cups onions, chopped
- 2 cups canned tomatoes, chopped
- Salt and pepper
- 2 6-oz. rolls Jalapeno cheese spread
- 1 teaspoon garlic, chopped
- 1/4 cup chili powder
- 1 teaspoon ground cumin
- 1 cup raw rice
- 1/2 lb. butter
- 1/2 cup grated American cheese

Brown meat, add onions and bell peppers and simmer 5 minutes. Add tomatoes, chili powder, cumin and salt and pepper to taste. Simmer until liquid is evaporated. Cook rice according to package directions. When cooked, add Jalapeno cheese and butter, stirring until well mixed. In an oven-proof casserole dish, layer half the meat mixture, top with all the rice and cheese mixture, then the remaining meat. Top with grated American cheese. Bake at 350 degrees until cheese melts. Serves 6 to 8.

### RICE AU GRATIN SUPREME

- 4 cups cooked rice
- 1/2 cup chopped onion
- 1/2 cup chopped green pepper
- 1/4 cup chopped pimiento
- 1 10 1/4-oz. can cream of mushroom soup, undiluted
- 1/3 cup salad dressing or mayonnaise
- 2 cups shredded cheddar cheese
- 1/2 cup milk
- 1 teaspoon salt
- 1/4 teaspoon pepper

Preheat oven to 350 degrees. Combine rice, onions, green pepper and pimiento in a large bowl. Blend soup, salad dressing, 1 cup grated cheese, milk and seasonings in a separate bowl. Stir into rice mixture. Pour rice mixture into a buttered shallow 2-quart casserole; sprinkle with remaining 1 cup cheese. Bake at 350 degrees for 25 minutes or until hot and bubbly. Serves 6.

### NASSI GOARENG (DUTCH RICE WITH PORK)

- 1 large onion, chopped
- 3 cloves garlic, minced
- 4 or 5 pork chops, cut up
- 1 pkg. thin-sliced ham (about 8-oz.) cut up
- 3 cups cooked rice
- 1/2 teaspoon Sambal (red pepper paste) OR 1/4 teaspoon crushed red peppers
- 1/2 teaspoon salt
- Black pepper to taste
- Paprika
- Small amount vegetable oil

In vegetable oil, saute' onions and garlic until clear. Remove fat and bone from pork chops. Cut meat into small pieces and add to onions and garlic. Stir in Sambal or red peppers, then salt, pepper and paprika. Mix well. Cook until pork is done. Cut ham into small pieces and add to meat mixture. Stir. When ham is thoroughly heated and mixed throughout, pour mixture in with cooked rice and mix thoroughly. Serve and enjoy!!

### SPICY SAUSAGE AND RICE

- 1 lb. bulk sausage
- 1 cup uncooked regular rice
- 1/2 cup diced onion
- 1 10-oz. can Rotel diced tomatoes and green chilies
- 1 1/2 teaspoons Worcestershire sauce
- 1 1/2 teaspoons prepared mustard
- 1/2 teaspoon salt
- 1 cup water

Cook sausage, stirring while it cooks to crumble, til completely done. Drain and discard pan drippings. Return sausage to skillet; stir in rice and cook over low heat about 5 minutes, until rice is golden, stirring occasionally. Add remaining ingredients; simmer 30 minutes, covered. May need to be stirred once or twice. Serves 6.

### TAMI'S RUSH-HOUR RICE

- 1 cup uncooked parboiled rice
- 1 1/2 teaspoons salt
- 1 teaspoon black pepper
- 1 tablespoon minced onion
- 1 tablespoon Worcestershire Sauce
- 1 1/2 teaspoons ground cumin
- 2 tablespoons cooking oil
- 1 10 1/4-oz. can chicken broth
- 2 soup cans water
- 2 5-oz. cans boned chicken
- 1 16-oz. can mixed vegetables, undrained
- 1 can cream of chicken soup, undiluted

In large skillet, brown rice and seasonings in oil over medium heat, stirring occasionally. Add chicken broth and water. Cover and cook 30 minutes or until rice is tender and water is absorbed. Add chicken, vegetables, and cream of chicken soup. Mix well. Simmer 10 minutes, stirring occasionally. Serves 6-8.

### FROZEN FRUIT COCKTAIL

- 2 cans chunk pineapple, use juice
- 14 pears, fresh
- Maraschino cherries, optional
- 1/2 cup sugar to 1 quart fruit, (about 3 cups)
- 14 peaches, fresh
- 9 teaspoons Fruit Fresh, (add to sugar)

Cut up fruit in large bowl. Toss lightly with sugar mixture. Bag and freeze. You can add any fresh fruit.

### FROZEN CHOCOLATE VELVET PIE

- 2 egg whites
- 1/8 teaspoon salt
- 1/4 cup sugar
- 2 cups nuts, pecans or walnuts
- 1/4 cup white corn syrup
- 1 tablespoon water
- 1 tablespoon vanilla
- 1 cup semi-sweet chocolate pieces
- 3/4 cup chilled can sweetened condensed milk
- 1 1/2 cups heavy cream

Beat egg whites with salt to soft peaks, gradually beat in sugar. Beat stiff, add nuts. Spread over bottom and sides of greased pie plate. Make rim about 3/4-inches high. Bake at 400 degrees for 12 minutes. Cool. Bring corn syrup and water just to a boil. Remove from heat, stir in vanilla and chocolate. Cool. Reserve 2 tablespoons. Pour rest in large bowl with milk and cream. Beat at medium speed until it stands at soft peaks. Pour into cool pie crust. Firm in freezer unwrapped. When frozen pipe reserved chocolate in lattice designs. Freeze until ready to serve. Will keep about 3 or 4 months.

### BROWNIES

- 2 sticks butter
- 4 eggs
- 2 cups sugar
- 1 cup flour
- 1/4 cup cocoa
- 1 teaspoon vanilla
- 1 cup pecans

Melt butter in brownie pan. Mix eggs, sugar, flour, cocoa and vanilla. Add melted butter and pecans. Pour back into pan and cook at 350 degrees for 30 minutes. Do not cut while hot.

### MILLIONAIRES

- 1 14-oz. pkg. caramels
- 2-3 tablespoons milk
- 2 cups pecans
- 1 6-oz. pkg. semi-sweet chocolate chips
- 1/2 block paraffin

Melt caramels and milk in top of double boiler. Beat 2-3 minutes. Add pecans and drop on wax paper. Melt chocolate chips and 1/2 block paraffin. Dip caramel-nut drops into chocolate mixture and return to wax paper.

### MAGIC MUFFINS

Mix 1 cup vanilla ice cream and 1 cup self-rising flour together. Spoon into greased muffin tins and bake at 400 degrees til done. Do not substitute ice milk or all-purpose flour!

### BAKED POPCORN CRUNCH

- 1/2 cup margarine or butter
- 1/3 cup firmly packed brown sugar
- 3 qts. hot popped popcorn (about 1/2 cup unpopped)
- 1 cup pecan halves or pieces

Preheat oven to 350 degrees. Cream butter and brown sugar together in large bowl. Pop corn and mix with creamed butter-sugar. Add nuts. Spread in a 15-by-10-by-1-inch jelly roll pan. Bake 8 minutes. Cool in pan. Yield: 3 qts.

### PUMPKIN BARS

- 2 cups sugar
- 2 cups all-purpose flour
- 2 teaspoons baking powder
- 1 teaspoon soda
- 1/2 teaspoon salt
- 2 teaspoons ground cinnamon
- 3/4 cup corn oil
- 2 cups cooked, mashed pumpkin or 1 16-oz. can pumpkin
- 4 eggs

Combine first 6 ingredients. Add oil, pumpkin, and eggs; beat 1 minute at medium speed of electric mixer. Spoon batter into greased 15x10x1-inch jelly roll pan. Bake at 350 degrees for 20 to 25 minutes. Let cool completely. Frost with fluffy cream cheese frosting. Cut into bars. Makes about 3 dozen.

Fluffy Cream Cheese Frosting:

- 1 3-oz. pkg. cream cheese, softened
- 6 tablespoons margarine, softened
- 1 tablespoon orange juice
- 1 teaspoon vanilla flavoring
- 2 cups powdered sugar

Beat cream cheese and margarine until light and fluffy. Add orange juice and vanilla. Mix well. Gradually add powdered sugar, mixing until light and fluffy.

# NURSERY STOCK SALE (ORDER BY MAIL) SAVE UP TO 30% FROM CATALOGUE PRICES

PLANTING INSTRUCTIONS INCLUDED IN EACH ORDER, EVERY PLANT WILL BE LABELED.

Notice: Orders of \$30.00 or more - take 10% discount off price of order. Does not apply to \$2.50 postage and handling charge.



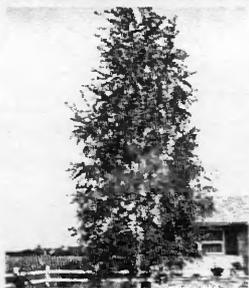
**RED MAPLE** (*Acer Rubrum* 4-5 ft.)  
This is one of the most beautiful of all shade trees. Besides having brilliant scarlet red leaves in the fall of the year, it has another excellent trait - it is an extremely fast grower. It is very easily transplanted and many experts agree it will practically grow anywhere in the U.S.A. Grows up to 60 ft.  
1 Tree ... 1.50 10 Trees ... 14.00



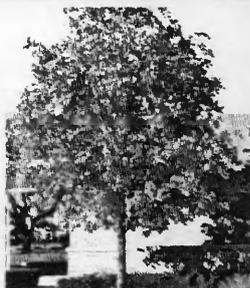
**WHITE DOGWOOD** (4-5 ft.)  
Large white, single blossoms are conspicuous early in spring. The foliage is attractive all summer, and the fall colors beautiful. Red berries hang on most of the winter. Use as a specimen or in groups as a background for borders. Grows up to 30 ft. high.  
1 tree ... 1.99 10 trees ... 19.00



**TULIP TREE** (4-5 ft.)  
A large growing, hardy tree reaching heights of 80 feet or more. Its bright yellow leaves in the fall have tulip shaped flowers in the spring. Rapid grower.  
1 Tree ... 1.50 10 Trees ... 14.00



**WHITE BIRCH** (4-5 ft.)  
Many people know this eye catching native tree as White Birch or Canoe Birch. The white bark and clear yellow leaves in the fall provide showy colors. Height 60 feet, spread 30 feet.  
1 Tree ... 1.98 10 Trees ... 17.50



**SUGAR MAPLE** (4-5 ft.)  
The largest of all maples, its beautiful array of yellow and orange hues make it a sight to remember due to the fallage thickness. A very hardy northern and southern tree - will grow up to 60 feet.  
1 Tree ... 1.50 10 Trees ... 14.00



**GREEN WEEPING WILLOW**  
4-5 ft. ... 1.50 ea. 10 for 14.00  
This common Weeping Willow makes a large lacy tree with long branches weeping to the ground. Good for planting near water or as a planting accent alone or in groups of two or three in moist locations. Ultimate height 40 feet.



**LOMBARDY POPLAR**  
3-5 ft. ... .79 ea.  
10 for 7.50 100 for 70.00  
Suitable as a background, along driveways, screening off outbuildings and other unsightly objects.

**NOTICE**  
We have a large amount of Apples and Peaches in 2 to 3 ft. size, the most popular varieties, that we are making you a bargain price on.

**STANDARD APPLES**  
Red Delicious, 2-3 ft. ... 1.75 ea.  
Stayman Winesap, 2-3 ft. ... 1.75 ea.  
Yellow Delicious, 2-3 ft. ... 1.75 ea.  
10 Apple Trees for \$15.00

**STANDARD PEACHES**  
Belle Ga., 2-3 ft. ... 1.75 ea.  
Elberta, 2-3 ft. ... 1.75 ea.  
Hale Haven, 2-3 ft. ... 1.75 ea.  
Red Haven, 2-3 ft. ... 1.75 ea.  
10 Peach Trees for \$15.00

**DELIVERY DATE**

Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, New Mexico, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia.  
SPRING: January 15 - May 1  
FALL: October 1 - December 1  
ALL OTHER STATES  
SPRING: March 1 - May 1  
FALL: Sept. 25 - December 1

**FLOWERING SHRUBS**  
1-2 Years Old

Crepe Myrtle, Red, Pink, 1 ft. 1.25 ea.  
Spirea Van Houttei, 1-2 ft. ... 1.25 ea.  
Weigela, Red, 1-2 ft. ... .65 ea.  
Forsythia Yellow, ... .65 ea.  
Bush Honeysuckle, Red, 1 ft. ... .75 ea.  
Red Flowering Quince, 1-2 ft. 1.25 ea.  
Persian Lilac, Purple, 1-2 ft. ... .95 ea.  
Old Fashioned Lilac, 1-2 ft. ... 1.25 ea.  
Hydrangea P.C., 1-2 ft. ... .75 ea.  
Mockorange, White, 1-2 ft. ... .60 ea.  
Pussy Willow, 1-2 ft. ... .95 ea.  
Red Barberry, 1-2 ft. ... .95 ea.  
Jap. Snowball, 1-2 ft. ... 1.25 ea.  
Blue Hydrangea, 1-2 ft. ... 1.25 ea.  
Azalea, White, Purple, Red or Pink 1/2-1 ft. ... 1.25 ea.  
Russian Olive, 1-2 ft. ... .75 ea.

**SHADE TREES - 1-2 Years Old**

Scarlet Oak, 3-5 ft. ... 2.98 ea.  
Ginkgo Tree, 3-4 ft. ... 3.98 ea.  
Pin Oak, 3-5 ft. ... 2.95 ea.  
Sweet Gum, 4-5 ft. ... 1.50 ea.  
Crimson King Maple, 3-5 ft. ... 9.95 ea.  
Persimmon, 1-2 ft. ... 1.95 ea.  
Dawns Redwood, 1-2 ft. ... 3.95 ea.  
Jap. Red Leaf Maple, 1 ft. ... 3.95 ea.  
Hybrid Paplar, 3-5 ft. ... 1.75 ea.  
Red Oak, 3-5 ft. ... 2.98 ea.

**BERRY PLANTS, Etc. - 1-2 Yrs. Old**

Blackberry, Thornless ... 1.75 ea.  
Black Raspberry, 1 ft. ... .85 ea.  
Red Everbearing Raspberry, 1 ft. .75 ea.  
Dewberry, 1 ft. ... .95 ea.  
Bayberry, 1 ft. ... .95 ea.  
Gooseberry, 2 yr., 1 ft. ... 1.75 ea.  
Figs, 1-2 ft. ... 3.98 ea.  
Concord Grape, 1 ft. ... 1.25 ea.  
Fredonia Grape, 1 ft. ... 1.25 ea.  
Niagara Grape, 1 ft. ... 1.25 ea.  
10 Rhubarb, 1 yr. Roots ... 2.50  
25 Strawberry, Blakemore or Tenn. Beauty ... 2.95  
25 Gem Everbearing Strawberry ... 2.95  
25 South Privet, 1-2 ft. ... 6.95  
25 North Privet, 1-2 ft. ... 6.95  
10 Multiflora Rose, 1-2 ft. ... 4.98  
20 Asparagus, 1 yr. roots ... 2.75  
10 English Ivy, 4-8 in. ... 3.00

**STANDARD FRUIT TREES**  
1-2 Years Old

Elberta Peach, 3-5 ft. ... 3.49 ea.  
Belle of Ga. Peach, 3-5 ft. ... 3.49 ea.  
J. H. Hale Peach, 3-5 ft. ... 3.49 ea.  
Hale Haven Peach, 3-5 ft. ... 3.49 ea.  
Dixie Red Peach, 3-5 ft. ... 3.49 ea.  
Golden Jubilee Peach, 3-5 ft. ... 3.49 ea.  
Red Haven Peach, 3-5 ft. ... 3.49 ea.  
Champion Peach, 3-5 ft. ... 3.49 ea.  
Loring Peach, 3-5 ft. ... 3.49 ea.  
Stayman Winesap Apl., 3-5 ft. 3.98 ea.  
Red Delicious Apple, 3-5 ft. ... 3.49 ea.  
Red Rome Apple, 3-5 ft. ... 3.49 ea.  
Red Jonathan Apple, 3-5 ft. ... 3.49 ea.  
Early McIntosh Apple, 3-5 ft. 3.49 ea.  
Red June Apple, 3-5 ft. ... 3.49 ea.  
Arkansas Black Apple, 3-5 ft. 3.49 ea.  
Early Harvest Apple, 3-5 ft. 3.49 ea.  
Lodi Apple, 3-5 ft. ... 3.49 ea.  
Grimes Golden Apple, 3-5 ft. 3.49 ea.  
Mutsu Apple, 3-5 ft. ... 3.49 ea.  
Granny Smith Apple, 3-5 ft. 3.98 ea.  
Yellow Trans. Apple, 3-5 ft. 3.49 ea.  
Montmorency Chy., 2 1/2-4 ft. 5.98 ea.  
Black Tartarian Chy., 2 1/2-4 ft. 5.98 ea.  
Early Richmond Chy., 2 1/2-4 ft. 5.98 ea.  
Bing Cherry, 2 1/2-4 ft. ... 5.98 ea.  
Governor Wood Chy., 2 1/2-4 ft. 5.98 ea.  
Kieffer Pear, 3-5 ft. ... 4.98 ea.  
Orient Pear, 3-5 ft. ... 4.98 ea.  
Bartlett Pear, 3-5 ft. ... 4.98 ea.  
Maanglow Pear, 3-5 ft. ... 4.98 ea.  
Moopark Apricot, 2 1/2-4 ft. 2.98 ea.  
Early Golden Apricot, 2 1/2-4 ft. 2.98 ea.  
Sure Crop Nectarine, 2 1/2-4 ft. 2.98 ea.  
Garden State Nect., 2 1/2-4 ft. 2.98 ea.  
Damson Plum, 3-5 ft. ... 3.49 ea.  
Methley Plum, 3-5 ft. ... 3.49 ea.  
Red June Plum, 3-5 ft. ... 3.49 ea.  
Santa Rosa Plum, 3-5 ft. ... 3.49 ea.  
Burbank Plum, 3-5 ft. ... 3.49 ea.  
Stanley Prune Plum, 3-5 ft. 3.49 ea.

**DWARF FRUIT TREES - 1-2 Yrs. Old**

Dwf. Elberta Peach, 2 1/2-4 ft. 3.49 ea.  
Dwf. Belle of Ga. Peach, 2 1/2-4 ft. 3.49 ea.  
Dwf. J. H. Hale Peach, 2 1/2-4 ft. 3.49 ea.  
Dwf. Hale Haven Peach, 2 1/2-4 ft. 3.49 ea.  
Dwf. Dixie Red Peach, 2 1/2-4 ft. 3.49 ea.  
Dwf. Golden Jub. Pch., 2 1/2-4 ft. 3.49 ea.  
Dwf. Red Haven Peach, 2 1/2-4 ft. 3.49 ea.  
Dwf. Champion Peach, 2 1/2-4 ft. 3.49 ea.  
Dwf. Loring Peach, 2 1/2-4 ft. 3.49 ea.  
Dwf. Red June Apple, 2 1/2-4 ft. 3.49 ea.

**DWARF FRUIT TREES Continued**

Dwf. Red Del. Apple, 2 1/2-4 ft. 3.49 ea.  
Dwf. Red Rame Apple, 2 1/2-4 ft. 3.49 ea.  
Dwf. Red Jonathan, 2 1/2-4 ft. 3.49 ea.  
Dwf. Early McIntosh, 2 1/2-4 ft. 3.49 ea.  
Dwf. Stayman Winesap, 2 1/2-4 ft. 3.49 ea.  
Dwf. Early Harvest, 2 1/2-4 ft. 3.49 ea.  
Dwf. Lodi Apple, 2 1/2-4 ft. 3.49 ea.  
Dwf. Grimes Golden, 2 1/2-4 ft. 3.49 ea.  
Dwf. Yellow Del. Apl., 2 1/2-4 ft. 3.49 ea.  
Dwf. Granny Smith, 2 1/2-4 ft. 4.49 ea.  
Dwf. Yellow Trans., 2 1/2-4 ft. 3.49 ea.  
Dwf. North Star Chy., 2 1/2-4 ft. 6.49 ea.  
Dwf. Montmorency Chy., 2 1/2-4 ft. 6.49 ea.  
Dwf. Bartlett Pear, 2 1/2-4 ft. 5.98 ea.  
Dwf. Kieffer Pear, 2 1/2-4 ft. 5.98 ea.  
Dwf. Burbank Plum, 2 1/2-4 ft. 3.49 ea.  
Dwf. Methley Plum, 2 1/2-4 ft. 3.49 ea.  
Dwf. Red June Plum, 2 1/2-4 ft. 3.49 ea.

**EVERGREENS - 1-2 Years Old**

\*White Pine, 1 ft. ... .60 ea.  
Blue Rug, 4-6 inches ... 1.75 ea.  
Wax Leaf Ligustrum, 1/2-1 ft. .65 ea.  
Colorado Blue Spruce, 1/2-1 ft. .75 ea.  
\*Canadian Hemlock, 1-2 ft. ... .75 ea.  
Andora Juniper, 1/2-1 ft. ... 1.25 ea.  
Norway Spruce, 1/2-1 ft. ... .75 ea.

**NUT TREES - 1-2 Years Old**

American Hazel Nut, 3-5 ft. ... 2.95 ea.  
European Hazel Nut, 3-5 ft. ... 2.95 ea.  
Butternut, 3-4 ft. ... 4.49 ea.  
Chinese Chestnut, 3-5 ft. ... 3.95 ea.  
Hardy Pecan Seedlings, 1-2 ft. 1.50 ea.  
Stuart Pecan, Papershell, 2-3 ft. 8.95 ea.  
Black Walnut, 3-5 ft. ... 3.45 ea.  
English Walnut, 2-3 ft. ... 7.95 ea.  
Hall's Hardy Almonds, 3-5 ft. 4.98 ea.

**BERRY PLANTS**

**BLUEBERRIES** - Bluecrop, Rubel, Bluejay, Jersey, 1 ft. ... 2.98 ea.

**FLOWERING TREES - 1-2 Yrs. Old**

Magnolia Grandiflora, 1/2-1 ft. 1.45 ea.  
Mimosa, Pink, 3-5 ft. ... 1.50 ea.  
Pink Flow. Dogwood, 2 ft. ... 2.95 ea.  
Golden Rain Tree, 3-4 ft. ... 7.95 ea.  
Pink Flow. Cherry, 3-5 ft. ... 5.95 ea.  
Flaw. Crab, Red, 3-5 ft. ... 3.49 ea.  
Magnolia Saullangeana, 1-2 ft. 2.95 ea.  
European Mt. Ash, 3-4 ft. ... 3.95 ea.  
Red Flow. Dogwood, 2 ft. ... 7.95 ea.

**Our plants are nursery grown from cuttings, seeds or budded stock unless otherwise stated. These have never been transplanted. Those marked with (\*) asterisks mean they are collected from the wild state. Plants are inspected by the Tennessee Department of Agriculture. This gives you a chance to buy at lower prices. You may order as many or as few plants as you wish. Send \$2.50 extra with order for postage and packing. RUSH YOUR ORDER TODAY! TWO-WAY GUARANTEE:** We ship live plants packed well to reach you in perfect condition. However, sometimes a package gets lost and stays in transit a long time. In this case, in the Fall and Winter when plants are dormant, you can scrape on the bark and tell whether the plants are alive or not. If the bark is green, it is alive. We believe we have the best guarantee any mail order nursery could possibly offer. Here is our two-way guarantee. First guarantee - When you receive your order, if there are any plants in bad condition, you notify us immediately and we will replace absolutely **FREE**. Second guarantee - The reason we make this second guarantee is because there is no reason any of the plants should die. However, if any fail to live within 12 months from the date of delivery, we will replace for one-half of the original purchase price, plus \$1.00 for postage and handling. No return of dead plants necessary. We guarantee our plants to be true to name and color. Anything that proves to be wrong color or variety, we will replace free.

**SAVAGE FARM NURSERY**  
P. O. BOX 125 IL McMINNVILLE, TENNESSEE 37110



**AMERICAN REDBUD**  
4-5 ft. ... 1.98 ea. 10 for 19.00  
The Redbud is often used as a specimen ar to provide a high point in a shrub border. Branches are covered with small, pea-like, purplish pink blossoms before the fallage comes out in spring. Ultimate height 15 feet.



**SILVER MAPLE**  
4-5 ft. ... 1.50 ea. 10 for 14.00  
A very fast growing, soft wooded tree reaching a height of 30 to 60 feet. Leaves deeply cut and very attractive, being a silvery white underneath.



**BURNING BUSH**  
1/2-1 ft. ... .65 ea. 10 for 6.00  
20 for 11.00 100 for 50.00  
In the fall leaves turn a brilliant mirror bright crimson. A 4-5 ft. showpiece with unusual corky bark. Hardy in sun or partial shade.

**SEMI-DWARF APPLES**

We offer you eight of the most popular varieties of Semi-Dwarf Apples. They are the most productive tree and grow 12 to 15 feet tall. They give you more fruit per limb, more fruit per tree.  
S.D. Red Delicious, 3-5 ft. ... 3.75 ea.  
S.D. Stayman Winesap, 3-5 ft. 3.75 ea.  
S.D. Jonathan, 3-5 ft. ... 3.75 ea.  
S.D. Red Rome Beauty, 3-5 ft. 3.75 ea.  
S.D. Golden Nuggett, 3-5 ft. ... 3.75 ea.  
S.D. Golden Delicious, 3-5 ft. ... 3.75 ea.  
S.D. Grimes Golden, 3-5 ft. ... 3.75 ea.  
S.D. Lodi, 3-5 ft. ... 3.75 ea.



# Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS



*Joan Burns, plant and customer services manager at the plant, gives some idea of the size of the warehouse used to store seed. The storage area covers about two acres.*

## Stonington soybean seed facility conditions 1.5 million bushels a year

A town gets a clean industry, a seed company gets a new plant, 300 or more area farmers get a ready market for some of their soybeans, and about two dozen area residents get full-time jobs.

That's the kind of scenario that would gladden the heart of any community booster in about any Midwestern state, and it has happened in Stonington, a town of about 1,200. Stonington was chosen primarily for three reasons: It was in a zone the Asgrow Seed Company needed a product line to fit in, it was on a fairly good highway and the land was readily available.

The plant, which is served by Shelby Electric, took about six months to build, and went into operation in 1981. It uses the latest technology to condition carefully grown soybeans

into dependable, high-yielding seeds. There are about three acres under roof, and two-thirds of that is for storage.

"We bring in about 1.5 million bushels a year," says Joan Burns, plant and customer services manager, "and we produce about the same number of 'units,' or 50-pound bags. We lose about 10 pounds from each bushel during conditioning, which is sold to an elevator. During our peak working season, which lasts about six months, we also employ about 25 temporary people.

Asgrow contracts with more than 300 area farmers to produce, and the seed is provided. A field representative goes out to make sure the seed is planted as it should be, and he visits again — three more times, in fact — as the crop matures, to get a good start

on a quality control program that extends through the entire operation.

Seed brought in by area farmers is color coded as to variety, and the colored tag that is assigned to it stays with it until it leaves the plant.

"We have two conditioning lines here," Ms. Burns says, "so we can run two varieties of seed without any contamination problems."

The seed, once weighed in, sampled, unloaded and coded, goes through a series of screens which, with the help of jets of fast-moving air, separate little from big, heavy from light and broken from unbroken.

Throughout the process, conditioning operators take off samples for a careful visual check, making sure there are very few if any "misfits" in the material that goes to the bagging machines. Another sample goes off to

the quality assurance lab, where a carefully weighed one pound sample is put in a machine that counts out each bean. The number of beans per pound is then set on a printer near the bag sealing machines and that information, along with other necessary data, goes on as the bag comes out of the heat sealer.

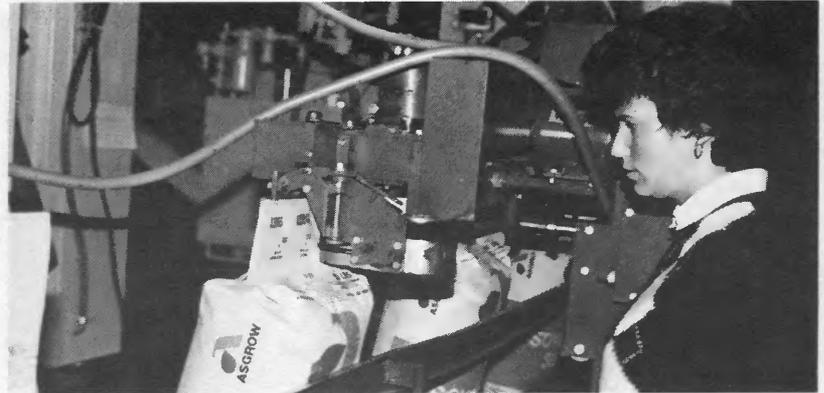
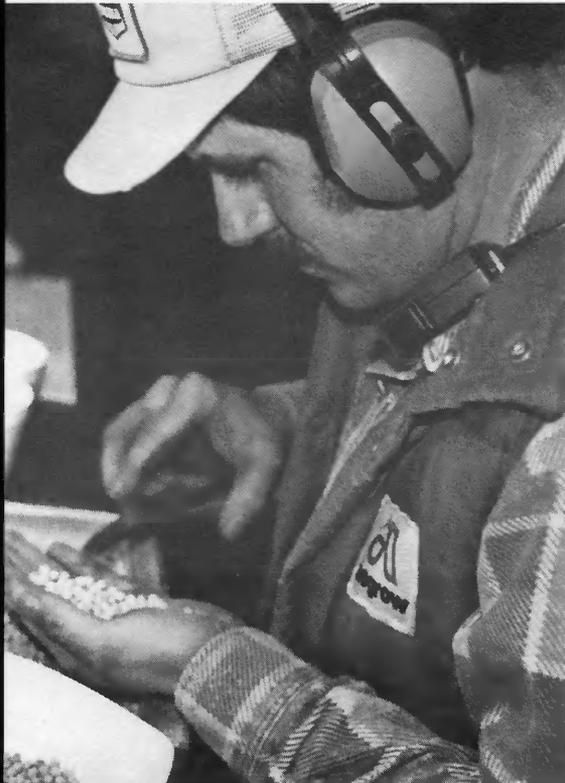
The bags, filled, sealed and printed, then go to an automatic palletizing

machine that stacks 66 bags on a pallet.

"Each pallet is automatically wrapped in film," Ms. Burns says, "and a fork lift operator takes it to a prearranged place in the storage area. He has a clipboard with him, and he makes a careful note of where he puts the pallet, in relation to the map we have of the storage area, and that location is entered into the computer.

We're also careful not to stack one lot in front of another, just in case we have to ship the other one out first," she says.

Seeds produced at the Stonington plant, which is one of several sprinkled all over the Midwest and Texas, are sold mainly in Illinois, Missouri and Kansas, but "We've shipped to Maryland, Texas and Colorado," Ms. Burns says, "and all points between."



*Joan Burns watches as a bag emerges from the sealing machine.*



*Dennis Lush, above, checks seeds. At right, Cheryl Issacs seals a bag.*



*Julie Swigert makes another quality check. Irene May makes a machine adjustment.*

# Illinois Farmers Union

## *Farm policy, politics and mortgage burning highlight meeting*

**T**here were several highlights at the Illinois Farmers Union's 32nd annual meeting during February in Springfield. For many, a tiny bonfire topped the agenda — IFU burned the mortgage on its six-year-old building at 40 Adloff Lane in Springfield.

Several speakers, including Governor James R. Thompson and gubernatorial candidate Adlai Stevenson, addressed the meeting.

Harold Dodd, IFU president; Cy Carpenter, National Farmers Union president, and Bob Bergland, general

not listening very well.

"They're getting rid of rural post offices," he said, "because they're not paying their way. They want to get rid of rural bus and rail service because they're not paying their way, and they also want to dismantle the rural electrification program. It's been one of the most successful federal programs ever, but the Administration wants to get rid of it, too. In fact, the Administration wants to do away with virtually every government program that has a favorable impact on the rural

backs of rural people," Bergland charged.

Ending on a hopeful note, he said the present farm crisis is man-made and can be unmade by policy changes. "The rural electric cooperatives are in a situation a lot like yours," he said, "and we want to work with you, to get a farm bill and a rural legislative package that we can all live with. We have the membership and the know-how. We pledge our support in that effort."

Dodd discussed his organization's



*Rodell Beaty, left, and Harold Dodd burn the mortgage.*



*Charles Schone*

manager of the National Rural Electric Cooperative Association (NRECA), among others, spoke.

"Rural people are going to have to work together if they want to preserve their way of life and prevent the destruction of the family farm," said Bergland, who added in praise of Dodd, "He does a good job in Washington, telling legislators what they need to be told. But," he added, "judging from the actions of the Reagan Administration, Washington is

way of life," he told his enthusiastic audience.

Bergland suggested that there is a reason for the desire to decimate the rural areas. "The Administration, which has doubled the deficit in the last five years," he said, "now wants to reduce the deficit at the expense of rural people. The strong dollar is beating us to death in the international markets, in effect imposing a 40 percent tax on exports. They want to put the burden of deficit reduction on the

efforts to get a good farm bill passed, the law that actually made it through the legislature and why a good bill failed.

"Senator Tom Harkin, an Iowa Democrat, introduced a mandatory production control bill," Dodd explained, "and it would have allowed farmers to determine their own destiny in productivity. A lot of people believe that a mandatory production control system amounts to putting the government in the cab of every tractor

# Farm Materials Handling Show

Interested visitors, another large turnout of exhibitors and the excellent facilities of Rend Lake College combined in March to make for another successful Southern Illinois Farm Materials Handling Show.

Though the number of persons attending the three-day show was down somewhat from previous years, many exhibitors considered the crowd to be one of "quality rather than quantity." Show officials said visitors who turned out expressed a high level of interest in the exhibits and that attendance is expected to pick up as the rural economy regains strength and the show becomes more well-known in the new area (Rend Lake College is located about 12 miles south of Mt. Vernon, alongside Interstate 57). This is the second year for this site.

Some 54 businesses and organizations placed exhibits in this year's show, down 10 percent from the



The Illinois Farm Electrification Council exhibit is a show tradition and attracts a large number of visitors.

record number of 60 exhibitors several years ago.

Dates for the 1987 show were set for Tuesday through Thursday, March 9-11, at Rend Lake College. Royce

Carter of Wayne-White Counties Electric Cooperative, Mt. Vernon is exhibit chairman. Some eight Southern Illinois electric cooperatives help plan and produce the show.

**"Easy to Use!"**

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# CURRENT LINES

from cooperative managers



Bill LeCrone, Manager  
**Shelby Electric**

Shelbyville, Illinois

## ANNUAL MEETING

Your Cooperative's annual meeting will be held on Thursday, June 26; and we hope you will make plans to attend.

As in recent years, the meeting will be held at the Shelby County 4-H Fairgrounds, located just west of the Cooperative office on Route 128 in Shelbyville.

The meeting format used in the last few years has helped to produce an increasing attendance. We plan to begin the meeting with a barbecued pork chop dinner prepared by the Shelby County Pork Producers, with serving to begin at 11 a.m. Even with the anticipated large turnout, we hope to complete lunch by 12:45 p.m. The business meeting will begin at 1 and will last until about 3 p.m. The business office will be closed from 1 to 3.

A few days before the meeting you will receive the official notice. In it will be a reservation card for the lunch. Please return it to our office so that we can plan for the proper amount of food.

There will be an attendance prize for all who attend, and there will be many awards to be given away at the close of the meeting.

We look forward to seeing you on Thursday, June 26, at your Cooperative's annual meeting!

## REPORTING OUTAGES

With spring fast approaching, it may be a good time to remind you of the procedures of reporting outages. If you have a power failure, first check to see that your neighbors

do — or do not — have service. Also, check your own system to be sure you do not have any problems with your own wiring, fuses, or breakers.

Then, phone the Cooperative. Someone will be there to take your call 24 hours a day. You may call collect. If your collect call is refused, someone has already reported your particular outage. When your call is accepted by the office, have your account number ready to report to the operator. You will find it above your name on the billing booklet; and it will commence with an alphabetical letter. This greatly speeds up the processing of your report.

As always, the Cooperative personnel are there to serve you. Crews will be dispatched as soon as possible to deal with the problems. Your patience is always appreciated at these times. Be assured that your Cooperative's staff will continue to give you the service you require and deserve.

## GEOTHERMAL HEAT PUMPS

Some of you are familiar with the geothermal earth-coupled, closed-loop heat pumps, the highly efficient electric heating and cooling systems that are growing in popularity. Those who might be interested in learning more about this modern technology may be interested in a meeting open to the general public that will take place Thursday, April 17, in Taylorville.

Robert E. Hanks, Sr., of Central Sales and Service, Taylorville, will conduct on that date an informational meeting on these geothermal heat pumps, covering topics such as installation procedures, operating cost comparisons, payback to the consumer, maintenance, and longevity of the equipment.

The meeting will be at 7 p.m. in the fellowship hall of the First Church of the Nazarene, 300 S. Shumway, in Taylorville. The hall is located behind the church building. The meeting will be brief, Hanks said, and there will be a demonstration of the three four-ton units in operation at the fellowship hall. There will also be a question-and-answer period with an area utility representative. Hanks said refreshments will be served.

## ANNUAL MEETING

1:00 p.m.  
Thursday, June 26, 1986  
Pork chop dinner  
Beginning 11:00 a.m.  
Shelby County 4-H Grounds

Shelby Electric Cooperative  
Shelbyville, Illinois 62565

## JUNE

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					



Roy D. Goode, Manager  
**Rural Electric**  
Auburn, Illinois

greatest force can be attained in this way. The more energy used in pulling different directions, the less energy can be utilized in forward momentum.

We must go forward from where we are now — look back only for the experience behind us, so that the co-op can make better decisions and progress in the future.

**METER READINGS**

On or about the first of each month, you receive a card with your billing and for reading your meter. It is very important that you follow the directions on the card you received. Please read your meter as soon as you receive the card and return it to your cooperative office.

You must read your meter promptly and accurately. Failure to read your meter results in time-consuming work for your cooperative personnel. Estimated readings are made which nearly always result in confusion and misunderstandings when an actual reading is received. It is virtually impossible to estimate accurately the energy you have used, so when actual readings are received, adjustments will be made, causing more time to be used and time is money.

For the most efficient operation and use of your co-op personnel's time, read your meter and pay your bill promptly. Your cooperative tries to run an efficient shop — you can help by being more efficient in reading your meter and making your payments on or near the first of the month, and not later than the 10th. After that the gross amount shall apply.

Your cooperative's special meeting is now over, directions were given by the members to your board of directors. Members are demanding that the board do something about the high rates. This was evident at the meeting, and it is also evidenced by member activity and member unrest.

Many members are irritated. "Pulling out" by legal action or by request is prevalent among the members. Your board of directors has the responsibility to keep your cooperative fiscally sound, and to be responsible for reliable electric service. Your board has stated that no members will be released from the service area. This would not be in the best interest of the members of the cooperative.

Cooperative members built the system through cooperation — through volunteer work, volunteer board service, responsible actions through the years.

Many decisions have been made, now some of these decisions need to be looked at from a different perspective. When direction needs to be altered then let's all get behind the cooperative and all pull the same direction. The

*Be aware of electric 'peaks'*

**You can help control rising power costs!**

Do you ever stop to think about what you're paying for when you write out the check for your monthly electric bill? Did you know that a good percentage of that bill goes to meet the "peak" energy demand of your electric cooperative?

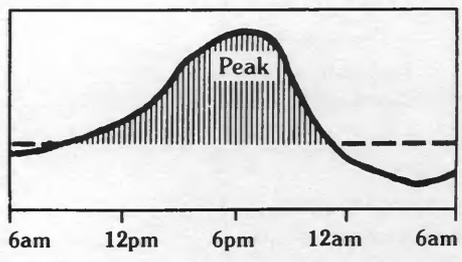


The energy "peak" periods are the one or two times per day when consumers' use of electricity is the highest. The highest peak comes early in the evening on the hottest or coldest day of the year when electric cooperative members across the state come into the house, prepare dinner, turn up the air conditioning or the heat, depending upon the season, and use electric appliances, lights and hot water . . . all at about the same time.

Your cooperative needs enough generating capacity to meet the demands of members during these annual peaks. Your cooperative must pay for the fixed costs of this power generation system designed to meet peak loads, even though electric demands are lower during much of the year. For some cooperatives, over half of the cost of wholesale power is demand-related. So by reducing peak demands, your cooperative can reduce its fixed costs paid for wholesale power supplies.

In other words, if all cooperative members do their part to "hold down" the peak, the price of electricity can be controlled.

What can you do to help?



# MISSING



**DANYEL LOU SPARPANA**

LAST SEEN: 11/2/85 EYES: Blue  
 FROM: Woodland, CA HEIGHT: 3'  
 DOB: 6/23/82 WEIGHT: 40  
 WHITE FEMALE HAIR: Blonde



**KELLY HOLLAND, JR.**

LAST SEEN: 2/13/82 EYES: Blue  
 FROM: Larkslane, KY HEIGHT: 4'  
 DOB: 11/17/75 WEIGHT: 60  
 WHITE MALE HAIR: Brown

If you can identify these or any other missing children, call The National Center for Missing and Exploited Children at:

**1-800-843-5678**  
 (sightings only)

This message is brought to you as a public service by Association of Illinois Electric Cooperatives, in cooperation with Notional Child Safety Council.

## -Safety Tip of the Month-

Make a mental note of the clothes your child wears EVERY DAY. Avoid putting your child's name on clothes or books. Children may respond to a dangerous person who calls them by name.

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If you want to personally help end this national tragedy, or need additional information, please call:

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talent by studying with some of the world's finest teachers. He has created many beautiful pieces, but even he admits the Golden Eagle "...has its own magic!"



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Golden Eagle Offer Dept. GF 43

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On JULY 4, 1987, the original Tripp molds will be destroyed and no more sculptures will be created. Collectors Note: the lower serial numbers will ship first; therefore it is important to reserve your statue now. Each statue comes with an unconditional money back guarantee.

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# Legislators to agriculture leaders: we're working to help

Much of the Illinois agriculture economy is on shaky ground, but the Illinois Legislature is working to change that, those attending the Illinois Agriculture Legislative Breakfast were told.

The gathering, held April 5 in Springfield, is an annual event that provides an opportunity for members of the state's agriculture commodity groups to visit with their lawmakers. Some 60 farm-related organizations, including the Association of Illinois Electric Cooperatives, sponsored the event.

With the farm economy in the doldrums, many legislators had a chance to hear from the people back home, and the speakers, each of whom spoke briefly, told their audience that they are aware of the problems on the farm and are working diligently to help solve them.

Governor James R. Thompson noted that his administration is continuing its efforts on behalf of the state's premier industry, pointing out that foreign compe-

tion is rough and getting worse.

"Illinois farmers face the latest technology from across the seas. Some of the competition we face now is a result of aid we've sent to other countries, or it comes from countries we used to export to. They now have the advantage of cheap land, cheap labor and shorter distances to transport their goods.

"While the deck seems stacked against Illinois agriculture — and other American farmers — we cannot just give up.

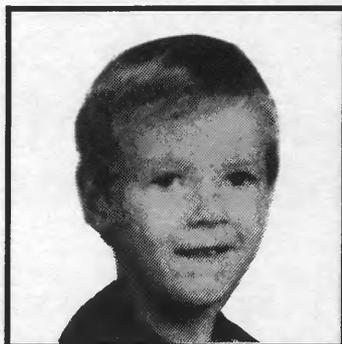
"We can't just abandon our efforts. We need to keep our Food for Century III efforts going, to find new ways to add value to our products, through processing, before we ship them. And we need to develop better seed and new crops. If we can't do anything to raise prices, maybe we can do something to lower costs. When you visit with your legislators, be sure to thank them for their support — they really deserve it," the governor concluded.

## MISSING



**CHRISTI DIANNE PROCTOR**

LAST SEEN: 2/15/86 EYES: Blue  
FROM: Dallas, TX HEIGHT: 4'10"  
DOB: 2/29/76 WEIGHT: 75  
WHITE FEMALE HAIR: Brown



**JEREMY JAMES GRICE**

LAST SEEN: 11/22/85 EYES: Blue  
FROM: Bath, SC HEIGHT: 3'8"  
DOB: 5/12/81 WEIGHT: 40  
WHITE MALE HAIR: Blonde

If you can identify these or any other missing children, call The National Center for Missing and Exploited Children at:

**1-800-843-5678**

(sightings only)

This message is brought to you as a public service by Association of Illinois Electric Cooperatives, in cooperation with National Child Safety Council.

### -Safety Tip of the Month-

Be sure your child knows what to do if you become separated. If separated while shopping, your child should not look for you, but go immediately to the nearest clerk and ask for assistance.

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If you want to personally help end this national tragedy, or need additional information, please call:

**1-800-222-1464**

**"Easy to Use!"**

## WATER WELLS FOR EVERYONE!

Check one or both boxes for information and mail today!

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You can start a **HIGH PROFIT** well drilling business! (Over 4 million wells needed in 1986!)

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*Our 25th Year*

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# Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

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SHELBYVILLE, ILLINOIS

## 1985 essay contest winners

As May is the month for judging of our annual "Trip to Washington" Essay contest, we thought our members might enjoy reading the two winning essays from our 1985 contest. Following are essays written by: Susan Shelton of Witt and Tim Lenz from Stewardson-Strasburg High School.

### Freddy Farmer's questions about Shelby Electric

By TIM LENZ

Stewardson-Strasburg High School

"Come on, get up Freddy. Freddy Farmhand get up now! We need to get the milking done, water the cows, and clean out the grain bin... What, you're tired? Well, think how it was almost fifty years ago before Shelby Electric Cooperative installed power lines to this area. Without electricity you wouldn't be able to rest at all. What's that you say? The Shelby Electric Cooperative doesn't do any thing for you? Well tell that to the approximately seven-thousand and two-hundred miles of lines? Picture that Freddy, that's almost enough to go from coast to coast! Can you believe that? Now you know why the repairman can't be there the second you call."

"Oh, so you say that the Shelby Electric Coop, does sound kind of interesting, but that you really don't know much about it, and you'd like to know more? Well, the Shelby Electric Cooperative is like all other coops in that it is owned and controlled by its member-users. A cooperative provides goods and services at cost to the consumer. No, Freddy a coop isn't supposed to make money. It only takes what money it needs to operate and the rest is given back to the mem-

bers. Every member has one vote so everybody is equal in a cooperative."

"No, Freddy not all members attend every meeting. Freddy you're just not catching on fast. It's really very simple. All the members attend the annual meeting. Here they elect a board of directors to over see the cooperative and to hire a manager. It's the managers job to hire the rest of the employees. So you see each member has a responsibility to attend the annual meeting, because each member is actually an owner. By the way, I didn't see you at the last meeting. I know, let me guess, you were too tired, right?"

"Wow! Talking about rural electric cooperatives has made me think. Just think Freddy, how much progress they have made in fifty years. I know you could probably sleep that long, but just think that's along time to be serving the public. How do I know it's been fifty years? Well on May 11, 1935, President Franklin D. Roosevelt created the Rural Electrification Administration. The whole rural community progressed rapidly after that. With the availability of electricity came new industries and opportunities to rural America."

"Yes, Freddy it's the farmers and rural residents who have gained the

most but it is to everyones benefit when rural America prospers. This creates new jobs, factories, and the rest of the economy is helped. Everyone knows, even you Freddy, that the number of farms in this country is declining. If this is so, how can there be an increase in the number of rural consumers you asked? Well a lot goes on in rural areas besides farming. Rural consumers include farms, non-farm rural residences, processing plants, motels, churches, and a wide variety of other establishments. So you see Freddy, it's like I've been trying to tell you. REA helps everyone."

"I know all this means very little to you Freddy, and if you're like most people you only care about what affects you. So just look around and see how much electricity has made our lives easier, not as easy as you'd like perhaps, but still easier. Why if we had to milk and water the cows by hand it would take us all day. Just think if we didn't have an electric powered auger to help clean out the bin. I can personally say that my back is thankful for that. So you see Freddy the Shelby Electric Cooperative helps everyone."

"Come on Freddy, let's go. Why now I understand the reason you've been asking so many questions. You've been stalling, trying to get out of work. Well it won't work this time because I'm not answering any more questions, so let's go. Now Freddy, NOW!"

# Ele C. Tricity moves from city to country

By SUSAN SHELTON  
Witt High School

In 1882, at Pearl Street Station in New York, Thomas Alva Edison opened the first electricity power station in the United States. Soon after, a character we will call Ele C. Tricity began her career. In her younger days Miss Tricity lived only in the big cities. She was paid for such jobs as providing light in darkened areas, keeping houses warm or cool, and performing a lot of necessary tasks for the household. Each month Miss Tricity would send out a bill to all her customers. She was always very busy.

As busy as she was, and as many places as she extended herself to, Miss Tricity was baffled when she heard the rural farm dwellers complaining that they never received her services. She wanted to serve them, but the people she worked for always told her it would cost too much to visit the rural farm dwellers. They didn't have factories and other large users of her services, nor were they heavily populated in those areas. The whole project would be to expensive.

By World War I, electric power stations were servicing urban areas all across the United States. Miss Tricity, however, was fed up with the city

people. She felt that they took her for granted and did not appreciate her anymore. Miss Ele C. Tricity decided she wanted to visit the farm dwellers more than ever now. In the early 1920's, a growing number of rural leaders and others were demanding rural electrification. In response, the National Electric Light Association in 1923 organized the Committee on Relation of Electricity to Agriculture (CREA), to see what could be done for the U.S. farmer. As a result of a test line run in Minnesota, to serve 10 farmers on 20 farms, CREA could report that not only were the lives of the 10 farmers with electricity healthier and happier, but electricity was raising the whole level of rural living. As their electric bills went up, the farmers found that their operating costs were going down.

After that, Miss Tricity urged her employers to send her to the rural areas, but they still refused. Finally, in 1935, President Franklin D. Roosevelt helped her cause by creating the Rural Electrification Administration (REA). Miss Ele C. Tricity realized this would lend a helping hand to rural farm dwellers and that they, in partnership with the rural electric cooperatives made affordable by REA, would be

able to afford her services. Miss Tricity was overjoyed. She could do so many things for them, such as helping a great deal with the milking, keeping the pigs warm, producing lights for the very first time (she really enjoyed the look on people's faces when she did this). She could provide them with hot and cold running water and with untold luxuries and necessities for their homes and livestock areas, as well as for workbenches and machine sheds.

Miss Ele C. Tricity soon realized that everything she touched changed Rural America. Many people did not know how to react to her services; some did not understand what all she could do for them. Most of the farm dwellers remember the very night Miss Tricity visited them. They remember it as "the night the lights came on." Mr. and Mrs. Farm Dweller were not the only ones to benefit from her services. Miss Tricity noticed that in almost all the rural schools she visited, the students' grades became much better and that attendance increased.

Working both in the cities and in the suburban and rural farm areas was keeping Miss Tricity very busy now. After going through several wars and having progressed into the atomic age, she had greatly improved her services, and people had become more and more dependent on her. Miss Tricity didn't mind because she loved being involved in the everyday lives of so many people.

One very late night, as Miss Ele C. Tricity was coming home, she realized that the next day was going to be her fiftieth year in serving the rural farm dwellers. She looked back to all the people she had worked for and considered the number she was presently serving. The comparison was staggering. Shelby Electric Cooperative alone was approximately 7200 members, and 2100 miles of energized line. Considering that Shelby Electric is only one out of more than 1,000 rural electric systems, that's a lot of members and a lot of energized lines to be considered!

"Fifty years," she exclaimed. "Fifty years of progress. Without REA, Shelby Electric and I could not have served the rural farm dwellers. It has been a partnership, all the way!"



Finalists in the 1985 essay competition are, front row, from left: Tim Lenz, Michelle Strong and Susan Shelton; and, back row, from left: Billy Nippe, Marla Waters and James Lorton.



Above: Representatives of the three member-systems of SIPC follow in the annual report as treasurer Harold I. Dycus makes his report. Below: David Ramsey (left) of Omaha talks with Brandon Jackson, REA general field representative.

# Another good year for SIPC

Use of electricity throughout the three member-systems of Southern Illinois Power Co-operative (SIPC) was up by 4.1 percent in 1985, the greatest year-to-year increase since 1978.

Reporting to representatives of the member-cooperatives during SIPC's annual meeting March 27 at the Lake of Egypt headquarters

near Marion, officers and management said the total sales to member-cooperatives exceeded 700,000 megawatt-hours (mwh) for only the second time in the cooperative's history. Board president Guy Casper of Cypress and executive vice president and general manager Jim Chapman said in their combined report that 1985 sales totalled 701,264 mwh compared to 1980's record of 702,178.

"The year 1985 was another good year for Southern Illinois Power Co-operative," they said, noting that 1985 marked the third consecutive year in which purchases by the three member-cooperatives had increased, following slight decreases for two years.

The three member-systems of SIPC are Egyptian Electric Cooperative Association, Steeleville; Southeastern Illinois Electric Cooperative, Eldorado, and Southern Illinois Electric Cooperative, Don-gola. They serve about 37,000 meters in a block of 19 Southern Illinois counties.

In 1985, the cooperative continued to purchase coal at a price



## Two cooperatives select managers

Spoon River Electric Cooperative, Canton, and Menard Electric Cooperative, Petersburg, have selected new managers.

Gregory A. Campbell has been named executive vice-president and general manager of Spoon River.

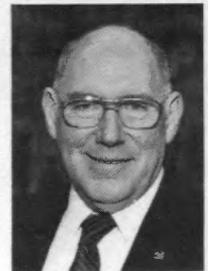
Campbell has been on the Spoon River Electric staff since March 1983. He was promoted to assistant

manager in March 1985. He assumed the position of acting manager last November following the retirement of William H. McCamey.

Campbell was raised in Canton and is a graduate of Canton Senior High School and Northern Illinois University, DeKalb. He served in the U.S. Army and is a veteran of the Vietnam war. He worked for Consolidation Coal Company and, prior to coming to Spoon River Electric, Campbell was personnel director at



Campbell



Smith

Peace River Electric Cooperative in Wauchula, Florida.

Dorland W. Smith is the new manager of Menard. He was named to the post May 19. Smith has been employed by Menard Electric Cooperative since 1958, serving as power use adviser, data processing supervisor and staff assistant.

Smith fills the vacancy created by the retirement of John Root, who retired from Menard Electric after more than 20 years of service.

Smith is a native of Laporte County, Indiana. He attended Western Illinois University and was graduated from the University of Illinois at Champaign with a bachelor of science degree in agricultural engineering.

# Healthy, Wealthy and Wise!

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Now, while you're healthy, is the time to make sure that you're properly insured.

By planning ahead, you can help provide a financially secure future for your family, even when serious illness or injury strikes.

The following plans are available for electric cooperative and telephone cooperative members:

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Mutual of Omaha Plaza, Omaha, NE 68131

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Name of Co-op \_\_\_\_\_

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chain saw goes through wood. *No jerking... no yanking you along... and Mantis turns on a dime!* Put the fun back in gardening.

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# CURRENT LINES

from cooperative managers



Bill LeCrone, Manager

## Shelby Electric

Shelbyville, Illinois

We are pleased to announce the results of the 1986 "Trip to Washington" Essay Contest. On April 23, we sponsored the six finalists of the contest to attend "Illinois Rural Electric Youth Day" activities in Springfield. The day was organized by the Association of Illinois Electric Cooperatives, and included a guided tour of the Lincoln-Herndon Law Offices, Lincoln's Home, and both the Old State Capitol and the present Capitol. All finalists from the state were honored at a luncheon at the Renaissance Hotel in downtown Springfield.

The following high school sophomores and juniors presented their essays on "Electric Cooperatives . . . Then and Now" at the final judging held on May 7:



Roy D. Goode, Manager

## Rural Electric

Auburn, Illinois

### ANNUAL MEETING

Your board of directors has set the date for your annual meeting. The date will be August 23, 1986, at the Girard High School.

This is the regular business meeting of your electric cooperative. Three directors are to be elected from the members, by the members, for the members of the cooperative.

### APPLIANCE AND EQUIPMENT SURVEY

We hope you all took advantage of the notice in your Rural Highlights and sent a list of your appliances to the coop office. If not, write the appliances you own on a piece of paper and send it in. This is needed.

Your board is constantly looking at methods of reducing your electric costs. Different types of rates will be studied

Donna Kaufman, daughter of Mr. and Mrs. Wilbert Kaufman of Sigel; Michael Sarsany, son of Mr. and Mrs. Andrew Sarsany of Witt; Karla Friese, daughter of Mr. and Mrs. Eugene Friese of Stewardson; Paul Sarsany, son of Mr. and Mrs. Paul Sarsany of Witt; Greta Nippe, daughter of Mr. and Mrs. Charles Nippe of Strasburg, and Kimberly Wesley, daughter of Mr. and Mrs. Jerry Wesley of Witt.

After careful deliberation by the judges, the following winners were announced: Kimberly Wesley and Michael Sarsany. Paul Sarsany was named runner-up.

During the meeting, a few highlights of the 1985 trip were given by the tour participants and trip winners: Susan Shelton of Witt and Tim Lenz of Strasburg.

The two winners will be making the trip to Washington, D.C., June 13-20, and will be treated to a week full of activities and tours arranged by the National Rural Electric Cooperative Association.

Don't forget to mark your calendar for the 1986 annual meeting to be held at the Shelby County 4-H Fairgrounds on Thursday, June 26. We look forward to seeing you there!

to determine the most advantageous rate.

For example, if a controlled water heater rate is developed, we need to know how many electric water heaters are installed. We won't know until you tell us. This is one way wholesale power costs could be reduced; if the wholesale costs are reduced, everyone will get the advantage. The same may be true of other equipment.

This is one way you can help in making plans for electric rates for the future.

Your board and your WIPCO board are looking at all other alternatives. If we all work together and cooperate, the most effective methods of keeping electric energy costs as low as possible can be achieved.

While we are all interested in the lowest possible costs today, we are very conscious of the reliability of our electric service. Your cooperative must not only look for today but for the future. Dollars must be spent now to insure that the next generation can be assured of reliable electric energy. We must keep our present costs down, but the cooperative must look to the future; maintaining economical and dependable electric energy now but insurance for the future so that we and others will have the same or better electric service that we have enjoyed.

Make your plans now to attend your annual meeting August 23 at Girard School.

# Co-operation

## . . . planning ahead.

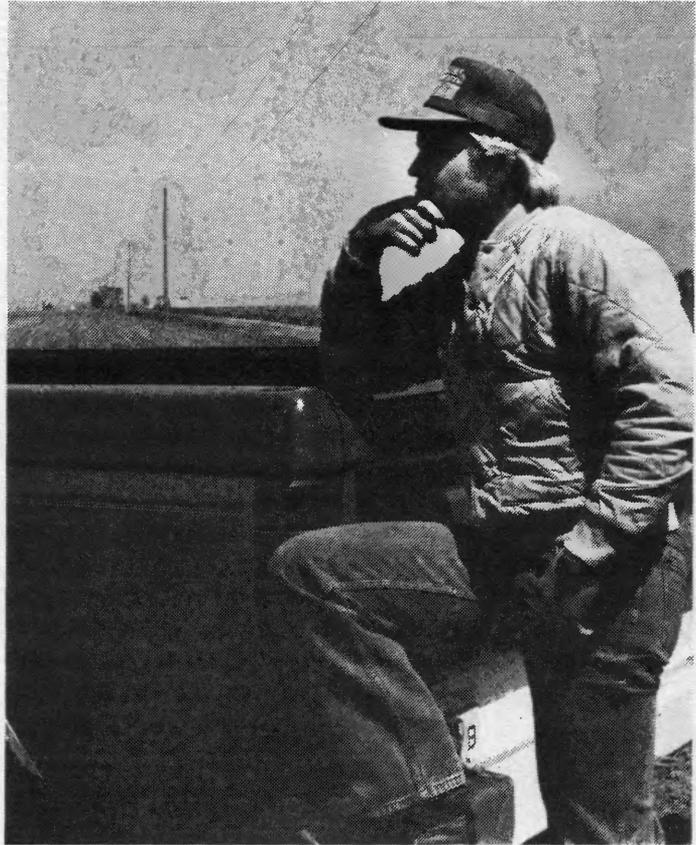
With low market prices and high overhead costs, today's successful farmer knows that planning ahead is essential to keep his operation going. There are hundreds of important decisions to be made before jobs like spring planting come around. Fields must be rotated, soils tested, and equipment, fertilizers and seed must be selected and purchased.

David Fuchs, a Raymond area farmer and electric cooperative member, knows the importance of planning ahead. The success of his family-run 1,500 acre operation depends upon it.

David's electric cooperative relies upon good planning for the future, too! The cooperative can't just look ahead to next week or next month. Important decisions need to be made five and ten years in advance.

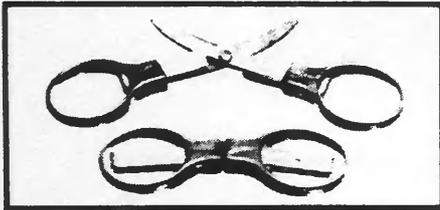
Cooperative board members and management make decisions on long-range work plans designed to improve the reliability of the system, so that members like you get better service. Vital decisions on future power supplies need to be made years in advance. Cooperative decision-makers need to make projections into the future . . . so that the power will be flowing for David, his family and all electric cooperative members well into the future.

Your cooperative needs your help. Attend cooperative meetings, or talk to employees and board members about your ideas. The job of providing reliable, efficient electricity at reasonable rates is a difficult one. But with members like you . . . and David Fuchs . . . pulling together, we're getting the job done.



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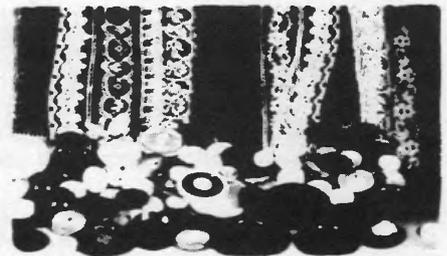
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work with. At 40 degrees F or so, an air-to-air heat pump would do an excellent job for you. At 20 degrees, it isn't exactly a bargain, and as the temperature plummets, efficiency drops sharply.

Closed-loop, groundwater heat pumps were designed to correct these problems, and they do a very good job.

They use water from a pipe grid buried in the yard — or a well — to constantly bring in water at about 50 degrees F, which the new, sturdier heat pump concentrates and shunts into the house during the winter. In summertime, the process is reversed, and the unit moves heated air out of the house and puts it back into the grid, to warm the house next winter.

You need to be careful to build enough of a grid to warm your home

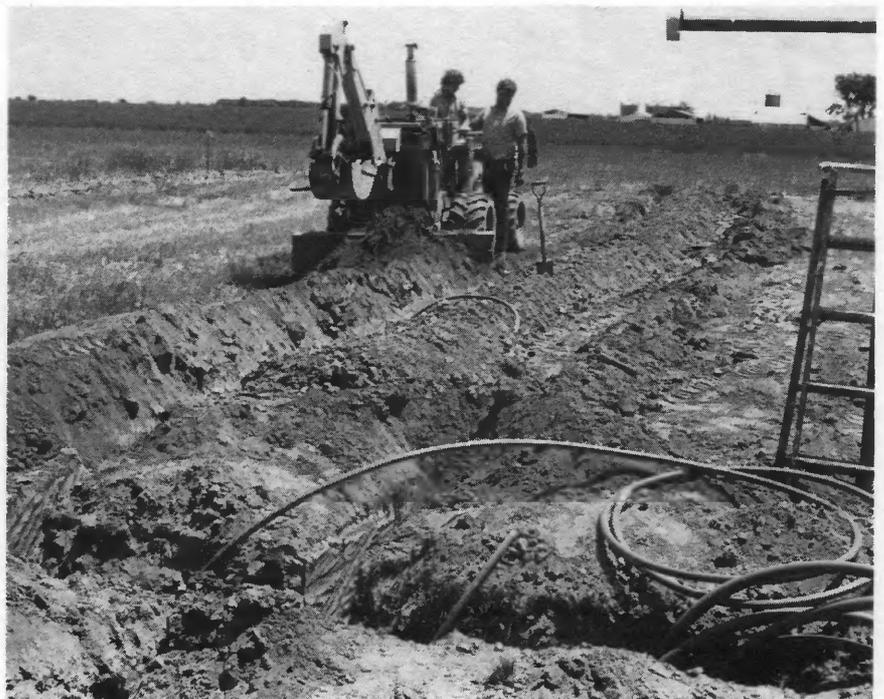
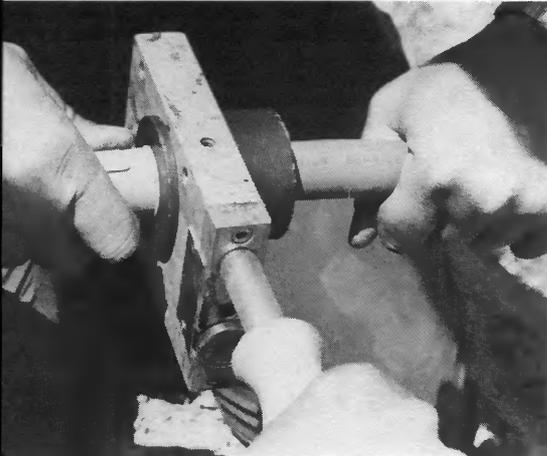
all winter, but not too much, or you'll be wasting money. There's no benefit to overdoing it.

"It depends on the soil," says Alfred Toennies who, with his sons Randy and Mark, installed the Water Furnace heat pump at the Hempens' home. "We dug down here and found that the ground was pretty dry," he adds, "so we decided to put in a grid made up of 1,500 feet of pipe. If the soil were better, 1,200 feet would have been enough. And you want to have good soil contact with the pipe once it's buried, and the grid should be far enough beneath the surface that the temperature doesn't fluctuate."

The Hempens' grid is laid one pipe above another, the lower one at five feet, the other two feet above it. The house, which John is building himself, "with a lot of help from friends and relatives," is well insulated, but is not a super-insulated unit. It has an inch of urethane foam on the outside, three and one-half inches of fiberglass in the stud cavities, and a carefully built vapor barrier. His brother, Dennis, is doing the wiring, and, Joanne says, "We're going to have plenty of outlets."

Their house, while carefully insulated, has no special or unusual features that would make it extraordinary, so it will be a good test of the system.

Clockwise from below, Randy and Mark Toennies discuss the installation. With good earth contact such an important part of the operation, backfilling is done very carefully. A hand-held, electrically operated machine is used to splice pipe ends to prevent leaks.





# Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS



*Part of the crowd during lunch*

## Rate stability for 18 months

Electric rates paid by members of Shelby Electric Cooperative will not increase for at least the next 18 months. Shelby manager William E. LeCrone reported the good news to the 48th annual meeting of members of the consumer-owned electric cooperative, explaining that the board of directors has determined it would be at least December 1987 before a rate increase would be necessary.

The Shelby annual meeting was held June 26 at the 4-H Club Fairgrounds in Shelbyville. An estimated 1,500 members and guests attended to hear reports of LeCrone and cooperative officers. During the business meeting members reelected Victor Jostes of Nokomis and Robert H. Primmer of

Findlay to three-year terms on the cooperative board of directors.

Board president Neil Pistorius of Blue Mound reported that some electric cooperatives were having member unrest because of rising rates. Cooperatives have done "too good a job" of raising the standard of living in the country, Pistorius said, and many city people moved to the countryside. "They found that many services in town that are paid by taxes, such as pumping water, are paid as part of the electric bill and they don't like it."

Pistorius said electric cooperatives generally have higher rates than urban-based electric utilities because cooperatives average about four electric meters per mile of distribution line,

while investor-owned electric suppliers have over 30 meters per mile.

LeCrone also provided some comparisons between the problems faced by rural- and urban-based utilities and electric rates. He said that power companies serving in the cities receive more than \$33,000 in revenue per mile of line, while Shelby received just \$4,317 per mile of line in its rural service area. Turning to rates, LeCrone said a customer of the local investor-owned power company is paying \$99.33 for 1,000 kilowatt-hours of electricity or about 9.9 cents per kwh.

"On Shelby Electric's lines those same kilowatt-hours would cost \$98.20 or a little over 9.8 cents a kwh," LeCrone said. "That's not bad



*William E. LeCrone, right, manager, congratulates the two area men who were reelected to the board of directors at the 48th annual meeting June 26 at the 4-H Club Fairgrounds in Shelbyville. From left are Robert H. Primmer of Findlay, Victor Jostes of Nokomis and LeCrone.*



*Lewis Houston, center, Shelby operations, maintenance and construction director, and manager LeCrone, right, receive a certificate honoring the cooperative's outstanding safety record. Dave Diederich of the Association of Illinois Electric Cooperatives makes the presentation. Shelby was re-accredited this year, signifying that the cooperative has one of the top safety records in the nation. Houston is safety coordinator for Shelby.*

when you remember it's four members per mile versus 30 customers per mile." He added that in Illinois only two electric cooperatives have lower rates than Shelby.

Treasurer Kenneth E. Kensil of Tower Hill reported to members that Shelby Electric Cooperative had revenues of \$11.6 million in 1985 and operating margins of more than \$500,000. The debt owed by Shelby Electric to the Rural Electrification Administration, the "banker" for

electric cooperatives, had dropped to \$263,763 and member's equity in the system increased by the end of 1985 to more than \$8.8 million.

At the conclusion of the membership meeting, the board of directors met to reorganize for the coming year and reelected Pistorius as president. Other officers reelected were Primmer as vice president, Lawrence Oller of Taylorville as secretary and Kensil as treasurer.

Guest speaker for the meeting was

Merlin Swanson of Rock Island. Lunch was served by the Shelby County Pork Producers Association.

Shelby Electric Cooperative is organized under the Illinois not-for-profit corporation act. It serves more than 8,300 meters over approximately 2,000 miles of energized line throughout rural portions of Christian, Cumberland, Effingham, Fayette, Macon, Montgomery, Moultrie, Sangamon and Shelby counties.

### SHRIMP NEWBERG

- 2 lbs. shrimp, cooked and deveined
- 1/2 stick butter
- 4 green onions
- 1 small yellow onion, chopped
- 1 small green pepper, chopped
- 4 cups milk
- 4 tablespoons cornstarch
- 2 teaspoons chicken soup base
- 2 cups American cheese
- 2 tablespoons cooking sherry

In a skillet saute the onions, celery and green pepper. In a saucepan heat the milk. Add the cornstarch and the soup base stirring constantly with a wire whisk until the mixture thickens to a cream sauce consistency. Reduce the heat and add the cheese. Simmer until cheese is melted and add the shrimp and onion mixture. Simmer for about 30 minutes. Add the sherry and taste for seasonings. Serve over rice or cheese souffle.

### SPAGHETTI CASSEROLE

- 8 cups water
- 2 teaspoons salt
- 1 cup spaghetti
- 1 1/2 lbs. hamburger
- 1 small onion, chopped
- 1 1/2 cups tomatoes
- 1 tablespoon Worcestershire sauce
- 1/2 cup grated cheese
- Dash of paprika

Bring water to boil; add salt and spaghetti. Cook until tender. Brown hamburger and onion in skillet; add tomatoes and Worcestershire sauce. Simmer for 20 minutes. Add spaghetti to meat mixture; mix well. Pour into a 2-quart casserole; top with cheese and paprika. Bake at 350 degrees for 20 minutes. Yield: 4 to 6 servings.

### CHIMICHANGAS

- 1/2 teaspoon salt
- 1 lb. lean ground beef
- 1 garlic clove, crushed
- 1 teaspoon ground cumin
- 1 teaspoon oregano, crushed
- 1/4 cup canned chopped green chilies
- 1/4 cup bottled taco sauce
- 1/4 cup sour cream
- 2 tablespoons cider vinegar
- 1/2 cup butter or margarine, melted
- 6 seven-inch flour tortillas
- 1 pkg. (4 oz.) shredded cheddar cheese
- 1/2 cup sour cream
- 1/2 cup bottled taco sauce
- 1 1/2 cups shredded lettuce
- 1 ripe avocado, sliced

Sprinkle salt in medium skillet. Place over medium heat. Add beef, garlic and spices. Cook, crumbling with fork, until meat loses its pink color. Stir in remaining filling ingredients. Remove from heat; cool. In 8-inch skillet melt butter or margarine. Dip both sides of one tortilla into butter or margarine; drain off excess. Mound a rounded 1/3 cup filling on center of tortilla. Fold tortilla envelope fashion. Place seam side down in an ungreased 11 3/4 x 7 1/2-inch baking dish. Repeat with remaining tortillas and filling. Can be made ahead. Cover and refrigerate up to 24 hours. Preheat oven to 500 degrees. Uncover chimichangas and bake until crispy, about 15 minutes. Sprinkle with cheese, return to oven for a few seconds to melt cheese. Serve topped with sour cream and taco sauce, with lettuce and avocado on the side. Makes 4 servings, about 855 calories each.

### BEEF CANNELLONI

- 3 lbs. ground beef
- 1 small onion, finely chopped
- 3 ribs celery, finely chopped
- 1/2 green pepper, finely chopped
- 1/2 teaspoon pure granulated garlic
- 1/2 teaspoon chili powder
- 1 teaspoon cumin
- 1/2 teaspoon seasoning salt
- 2 tablespoons red cooking wine or burgundy
- 1/2 cup tomato puree
- 1/2 cup sour cream
- Sauce:
- 4 cups milk
- 4 tablespoons cornstarch
- 2 teaspoons chicken soup base
- 1/2 cup American cheese
- 1 cup parmesan cheese, freshly grated

In a saucepan saute the beef, breaking it apart with a fork, until it is lightly browned. Add the remaining ingredients and simmer about 30 minutes. Do not let mixture boil. Place mixture, divided evenly, into 16 crepes. Roll and place seam down, side by side, in a lightly greased baking dish. In a saucepan heat the milk. Add the cornstarch and soup base stirring constantly with a wire whisk until mixture thickens to a cream sauce consistency. Add the cheese and simmer until cheese is melted. Pour sauce over crepes. Sprinkle with parmesan cheese and bake at 350 degrees until bubbly. Serves 8.

#### Crepe Batter:

- 1 cup flour
- Dash salt
- 2 eggs
- 2 tablespoons butter, melted
- 2 cups milk

In a bowl sift the flour and the salt together. Add the eggs, butter and milk and beat with a mixer until smooth. Lightly butter a small skillet or crepe pan with a pastry brush. Pour a small amount of batter into a pan and roll it out to the edge of the pan. Cook like pancakes, turning once until lightly browned.

### HOT CHICKEN SALAD

- 2 6 oz. jars chicken
- 1 can cream of chicken soup
- 2 cups chopped celery
- 1 tablespoon minced onion
- 1/2 teaspoon salt
- 1/2 teaspoon pepper
- 1 tablespoon lemon juice
- 1/2 cup slivered almonds
- 3 hard-cooked eggs, diced
- 3/4 cup mayonnaise
- 2 cups crushed potato chips

Mix all ingredients except potato chips; place in casserole. Cover with potato chips. Bake at 350 degrees for 1 hour. Yield: 4-5 servings.

### SALMON CROQUETTES

- 1 15 oz. can pink salmon, drain and save juice
- 1 egg
- 1/2 cup flour
- Pepper to taste
- 1/2 cup chopped green onion
- 1/2 teaspoon Worcestershire or to taste
- 1/4 cup salmon juice
- 1 heaping teaspoon baking powder
- Deep fat for frying

Mix salmon and egg with fork. Add 1/2 cup sifted flour and stir. Mixture will be thick. Add pepper, onions and Worcestershire. In the 1/4 cup salmon juice, put the baking powder and beat with fork until it foams. Pour this into salmon mixture and mix with fork. Drop by small spoonful into deep hot fat. Be sure and cook within 15 minutes of mixing. Very light and lacy. Serves 4 to 6.

### BANANA PUDDING

- 1 large instant vanilla pudding
- 1 cup Eagle Brand milk
- 2 cups sweet milk
- 1 large non-dairy whipped topping
- 4 or 5 bananas that have been soaking in frozen orange juice concentrate

Mix pudding according to package directions. Add Eagle Brand and sweet milk. Fold in non-dairy whipped topping. Layer until all mixture is gone.  
Icing:  
1 cup sugar  
1/2 cup water  
2 tablespoons white corn syrup  
Cook sugar, water, corn syrup and vanilla to a soft boil stage. Fold in egg whites that have been beaten with cream of tartar. Pour syrup over egg mixture slowly, beating all the time. Place on top of pudding. Brown in oven.

- 1 teaspoon vanilla
- 4 or 5 egg whites, beaten
- 1/2 teaspoon cream of tartar

### BEEF ENCHILADAS

- Meat Filling:
- 1 lb. ground meat
- 1 clove garlic, chopped
- 1 tablespoon water
- 1 can (1 lb.) kidney beans
- 2 teaspoons salt
- 1 tablespoon vinegar
- 1 tablespoon chili powder

In medium skillet over low heat, saute meat with garlic, salt, vinegar, water, and chili powder until browned. Stir in beans and set aside.

#### Tomato Sauce:

- 3 tablespoons salad oil
- 1 clove garlic, chopped
- 1/4 cup chopped onion
- 1 tablespoon vinegar
- 1 cup boiling water
- Dash ground cumin
- 1/2 teaspoon salt
- 2 cans (10 1/4 oz.) tomato puree
- 1 beef bouillon cube
- 2 tablespoons chopped green chilies
- Dash pepper

In hot oil in skillet, saute garlic and onion until golden (about 5 minutes). Remove from heat. Stir in flour until smooth; then stir in tomato puree, vinegar and bouillon cube (dissolved in water). Bring mixture to boiling point, stirring over medium heat. Add green chilies, cumin, salt and pepper; simmer uncovered about 5 minutes. Use 10 tortillas, frozen or homemade. 1 cup grated sharp cheddar cheese or 1 cup cubed Monterey Jack cheese. To assemble: Preheat oven to 350 degrees. Place about 1/3 cup filling in center of each tortilla, roll up, arrange seam side down in a 13 x 9 x 2 baking dish. Pour tomato sauce over all, sprinkle with cheese. Bake about 25 minutes. Makes 5 servings. Meat and tomato filling can be made ahead of time and refrigerated. Reheat slightly when ready to use. Put each tortilla in hot grease for a minute before assembling.

# Summertime

### FROZEN COCONUT PIE

- 2 cups crushed graham crackers
- 1 stick margarine, melted
- 1 3 oz. pkg. cream cheese, room temperature
- 2 teaspoons sugar
- 1/2 cup milk
- 3 1/2 cups non-dairy whipped topping
- 1 1/3 cups coconut
- 1/2 teaspoon almond extract

Make crust from graham cracker crumbs and melted margarine. Beat cream cheese until soft, beat in sugar, gradually add milk and beat until smooth, fold in coconut, whipped topping and extract. Spoon into crust and freeze. Set at room temperature a few minutes before serving.

### PARTY CHEESE SANDWICH

- 1 8 oz. pkg. cream cheese
- 1 small can pimento
- 1 cup grated pecans
- 1 cup salad dressing
- 2 teaspoons grated onion
- 1/2 stick butter

Mix well and spread on party rounds.

### BIG BURGER

- 2 cups all purpose flour
- 2 cups mashed potato flakes
- 3/4 cup butter or margarine, softened
- 3/4 cup milk
- 11 oz. can condensed cheddar cheese soup
- 1/4 cup chopped onion
- 1/2 teaspoon salt
- 1/4 teaspoon pepper
- Filling:
- 1 lb. ground beef
- 1 tablespoon catsup
- Topping:
- 2 tablespoons milk
- 2 tablespoons butter or margarine, melted
- 1 tablespoon prepared mustard, if desired
- 1/2 cup mashed potato flakes

Preheat oven to 425 degrees. (To measure flour, lightly spoon into measuring cup; level off.) In large bowl, combine flour and flakes. Cut butter in thoroughly with a fork; stir in milk. Dough will be stiff. Press half the dough into a 10-inch circle on ungreased cookie sheet. Brown ground beef; drain. Stir in next six ingredients. Spread to within 1/4-inch of dough edge. On waxed paper, spread or roll out remaining dough into an 11-inch circle. Place over filling and seal edge; brush with milk. Sprinkle with mixture of melted butter and potato flakes. Bake 20 to 25 minutes until golden brown. Refrigerate any leftovers. Makes 4 to 6 servings.

the economic development business, but exists to help the people in small towns whose job it is to attract industry. "One community took a good, hard look at its image as a possible site for economic development and decided it needed to change," she says. "They asked us to help, and we set up a special economic development training course for their leaders. It dealt with how to market your community, how to put together a development

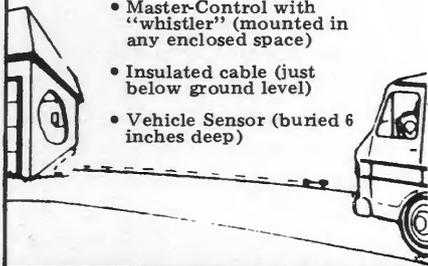
board and how to set up a retention team, to keep the businesses they already had. It's taking time and a lot of work, but they're turning things around."

Pat King, Jim Layton and Curt Murton, also from EICC, spoke briefly during the panel session, and emphasized that their efforts are geared toward facilitating efforts, rather than acting as economic development people themselves. "We can help prospective business people find legal, book-

keeping and financial help, and work with them to help set up customized training programs," Chillson says.

The four pointed out that local community colleges throughout the state have programs geared to helping community development efforts, and stressed that the nearest community college would be a good starting place for those seeking to start a new business, expand an existing one or to get community development help.

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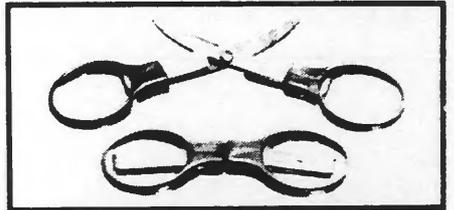
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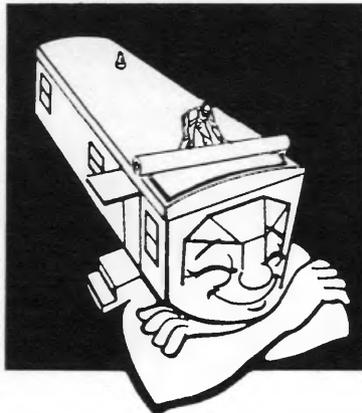


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# CURRENT LINES

from cooperative managers



Roy D. Goode, Manager  
**Rural Electric**

Auburn, Illinois

Your electric cooperative's 49th Annual Meeting is scheduled for August 23, 1986, at the Girard High School on Illinois State Route 4.

### ELECTION OF DIRECTORS

One of the most important duties of the members is to elect members to serve on the board of directors. The persons elected are responsible for the decisions that make your electric cooperative operate. Members should be elected that are willing and able to make the decisions that are in the best interests of you — the member-owners — not only for today, but for future generations.

Plan now to attend your meeting — the officers and manager will make their reports. You will learn first hand the efforts your board has made on your behalf to keep your co-op the entity it is — operating to provide electric service to the members.



Bill LeCrone, Manager  
**Shelby Electric**

Shelbyville, Illinois

The summer is zooming right past us and it's time to get ready for winter. Although many heating systems are relatively maintenance free, others require a yearly routine of getting them ready for winter operation.

### ALL FURNACES

Read the owner's manual as it will help in understanding your heating system. All belt-driven models should be checked for belt wear and proper belt tension. Oil the motor if it has cups or plugs over the bearings on each end of the motor. Caution! Do not over-oil. On belt models, oil the shaft bearings of the fan. Vacuum fan blades with care. The frames of furnaces and many other heating systems are grounded, therefore, a faulty vacuum cleaner could cause you to receive an electrical shock. On fossil fuel

### ELECTRIC HEAT

One fact is sure — residences in this area have a heating system, it may be central, it may not, it does require fuel. The fuel you use is optional, as is your type of heating system.

You may choose electric, gas, oil, wood, or a combination of these. The best form of heating fuel is electric. Electric is the most efficient, the cleanest, the most convenient and the best controlled.

Electric residential heating is important to your cooperative — additional kilowatt-hour sales are important to help your electric rates.

The dual fuel system is a method you can use to help keep your heating costs down by reducing the system demands at peak times. Ask about this system.

Another incentive is the one-cent reduction for all electric residential space heating users on all kilowatt-hours between 1,200 and 3,000 per month, and one-half cent for over 3,000 kilowatt-hours monthly.

Rebates for new electric heat users is another method developed to increase electric use and help keep the cost per kilowatt-hour down.

Low-interest-cost loans may be made to members installing energy conservation methods, which include some forms of electric heating systems. Ask about these programs — they are to help you to help your electric co-op.

furnaces, check all flues and chimneys for leaves and bird nests. Check brick and rock chimneys for faulty mortar joints. Make sure ignitable items such as clothing, cobwebs and paper are not too close to flues. Check all supply and return openings to be sure they are not blocked by furniture, drapes and other items.

### ELECTRIC FURNACE

The air filter in the return air duct should be cleaned or changed. Electric furnaces are normally installed using a heating thermostat that brings on all the elements in the furnace whenever the thermostat calls for heat. This causes the furnace to give a blast of hot air and later the house cools until it is almost uncomfortable before the blast of hot air comes rushing out again. A two-stage heating thermostat or two-stage heating — one-stage cooling thermostat, if you have central cooling, and the addition of one or two outdoor thermostats would make the heating much more even, giving greater comfort. This arrangement should add life to the furnace elements and fan motor, since the system would not need to cycle as often.

### WOOD OR COAL BURNING EQUIPMENT

These vary greatly in type and design, but a good inspection of grates, fireboxes and chimneys should turn up

possible trouble spots. Acquaint yourself with the danger of creosote deposits, especially in the chimneys.

#### INDIVIDUAL ROOM HEATERS

Check for foreign matter such as lint, paper and hair. Vacuum and turn them on while you can open the doors and windows. Burning the dust off can be extremely irritating to the nose, eyes and throat. Lint should be blown out of thermostats. A hand hair dryer can be used for this, with the dryer on the cool setting.

#### HEAT PUMP

Heat pump owners should make a special effort to understand the various stages and modes of heat the system goes through varying temperatures. The outdoor thermostats are set according to the heat loss of your home at

various outdoor temperatures. If you have added insulation since these were installed, it is probable that the setting should be changed. Cleaning the outdoor unit may be necessary several times a year, since the outdoor unit works year-round and leaves and grass accumulate in it.

A good serviceman should go over the entire system at least once a year.

#### WORD OF WARNING

If you attempt to service any heating system, be aware of the possible hazards. If you fail to get the proper flame color, or have doubts about your ability to service your equipment properly, call an experienced serviceman. Your cooperative will be able to advise you of qualified servicemen in your area.

# Co-operation



## . . . for their future.

Fishin' poles, baseball games, bikes and friends are major concerns right now for youngsters like Brad Smith and Mark Theiss of rural Greenville. Like most young people, they don't think twice when they flip on a light switch or the TV. They don't worry about where the electricity comes from, how it is made, or who pays the bills.

The lives of Brad and Mark and thousands of rural youngsters like them are much improved today because of the local electric co-op. Life without electricity? Young people can only read or hear about it . . . or experience it for a short while during a storm when the power goes out.

Brad and Mark don't realize it, but they are actually "junior" partners in their electric cooperative. While their parents pay the monthly bills and help make cooperative decisions, Brad and Mark contribute to their parents' patronage in the cooperative, the family's energy bills and the co-op's peak electric demands.

For youngsters, planning ahead means thinking about tomorrow . . . or the upcoming weekend. For cooperative leaders, planning sometimes means looking years into the future to keep the power flowing for today's co-op members and "junior" members like Brad and Mark. An electric cooperative is much more than poles and line, vehicles and a building. It's members like you . . . pulling together to get the job done today . . . and tomorrow.

Experts Report... Once Established... Water Just Once A Week... Be Absolutely Amazed As All Growing Season Long—Week In, Week Out... Compared To Even The Majestic Black Spruce... **WONDER SHADE TREE...**

# ZOOMS TO THE SIZE OF A 15 YEAR OLD TREE IN JUST ONE SINGLE YEAR!

**YES, ROOF-HIGH IN JUST ONE YEAR!**

and keeps on skyrocketing 30-40-50 EVEN UP TO 60 FEET HIGH OR MORE in less time than most trees nudge themselves a few feet off the ground.

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**Actually Soars Into A Magnificent Tree IN JUST ONE YEAR!**

Yes! Based on amazing growth rates reported by plant scientists—it grows SO FAST... arches out SO WIDE... you can actually take a ruler and measure the incredible difference in height every 2 to 3 days! OR, to really leave your neighbors gasping in awe and wonder, give them a yardstick and let them measure the difference IN FEET every 2 to 3 weeks!

Yes, goes on to thrust itself so high, so fast that it actually towers over even a Japanese Red Maple, Cherry Tree or even the most graceful silky willow in such a ridiculously short time you will simply refuse to believe your eyes! Think of it!

**GROWS MORE IN JUST ONE MONTH THAN MOST TREES GROW IN AN ENTIRE YEAR!**

Because according to plant experts, Govt. scientists and Botanical Gardens who researched this wonder-hybrid... once established, you merely water it once-a-week, and be absolutely floored as, during its SUPER-SOARING growing season, it GROWS AS MUCH AS A FULL 1/2-FOOT WEEKLY AFTER EVERY TIME YOU WATER IT!

That's right! Grows higher than even a full grown Flowering Dogwood IN JUST ONE SINGLE SEASON! Grows higher than even a full-grown Star Magnolia IN JUST ONE SINGLE YEAR!

**PLANT NOW—REACH OUT AND TOUCH ITS LUSH, THICK BRANCHES FROM YOUR SECOND STORY BEDROOM WINDOW BY THE NEXT SUMMER!**

No doubt about it. There's just not another "instant" Shade Tree like it on this planet! Because thanks to this miracle of plant science, instead of spending a small fortune on a tree and then waiting half a lifetime for it to grow... get set for the garden-wonder of your life as this super-soaring hybrid rockets forth from a prize nursery-grown plant to a tower of roof-high beauty in less time than you ever dreamed possible.

**GROWS IN VIRTUALLY ANY SOIL—REQUIRES NO SPECIAL CARE—SOARS INTO A MASTERPIECE OF BEAUTY IN JUST A MATTER OF MONTHS!**

Best of all, unlike most trees that demand constant care, constant pampering... about the only thing you do after you plant this super-growing wonder-hybrid is water it and enjoy it! That's why leading botanical gardens... landscape artists... garden editors... can't stop raving about its indescribable beauty... its trouble-free care... its surging, towering growth.

Small wonder that leading experts hail it in the most glowing terms... recommended it again and again for homeowners who want a stunning display of beauty... both a wind and privacy screen and deep, cool shade... and with practically no more work than a thorough watering each week!

**VITAL STATISTICS FROM LEADING EXPERTS**

**MATURE GROWTH SIZE:** as much as 40 to 65 feet

**MATURE SPREAD:** as much as 30 to 35 feet

**ZONE OF HARDINESS:** Hardy from the deepest South to as far North as Vermont, Minn., Quebec, British Columbia. Winter Hardy in areas where temp. drops as low as 30 degrees below zero.

**LIGHT NEEDS:** Grows beautifully in Sunny location.

**DECORATIVE MERITS:** Highly recommended by landscape architects as beautiful decorative specimens for homes, parks, highways, etc., where exceptional fast growth and beauty are required. Perfect for fast screening and privacy.

**RAPID RATE OF GROWTH:** Experts report growth rates on specimen trees that measure up to 8 FEET THE VERY FIRST YEAR ALONE. That's more than most shade trees grow in 3... 4... 5... even 7 years. Yes, once established will grow ranch-house-roof high IN JUST ONE SINGLE YEAR, that's right!—The very next year after planting! Experts also report it soars an amazing 5 to 8 feet each year for YEARS thereafter. Naturally results are based on optimum growing conditions. Takes but 10 minutes to plant and normal care rewards you with a lifetime of beauty starting this very year.

**CARE:** Nothing special—just normal garden care. Water fully once weekly. Naturally resistant to most diseases, pests or insects.

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Now the price of this super growing shade tree is not \$20 or \$30 as you might expect, but a mere \$3.95!

That's right, only \$3.95 for this magnificent Beauty that rewards you with such a glorious display of growth IN JUST ONE SINGLE YEAR. However, our supply is limited! Full supplies from the growing fields will not be ready until late 1986 or early 1987. Therefore, all orders must be shipped on a first-come, first-shipped basis. To make sure you don't miss out... ACT NOW!



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Remember: Satisfaction is fully guaranteed. You must be thrilled in every way with this spectacular f-a-s-t growing shade tree or RETURN AT ANYTIME within 90 days for a full refund of purchase price... ANYTIME within 1 year for free replacement. Could anything be fairer? Now is the time to order and replant—so send no-risk coupon today!

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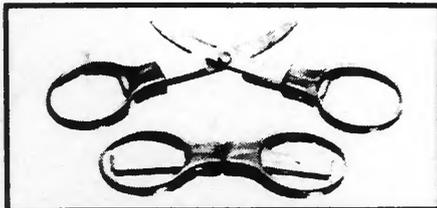
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| Oct. 18 – <b>Donny &amp; Marie Osmond</b>   | Nov. 29 – <b>Brenda Lee</b>                                  |
| Oct. 25 – <b>Roy Clark</b>  | Dec. 5 – <b>Eddie Rabbitt</b>                                |
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# Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

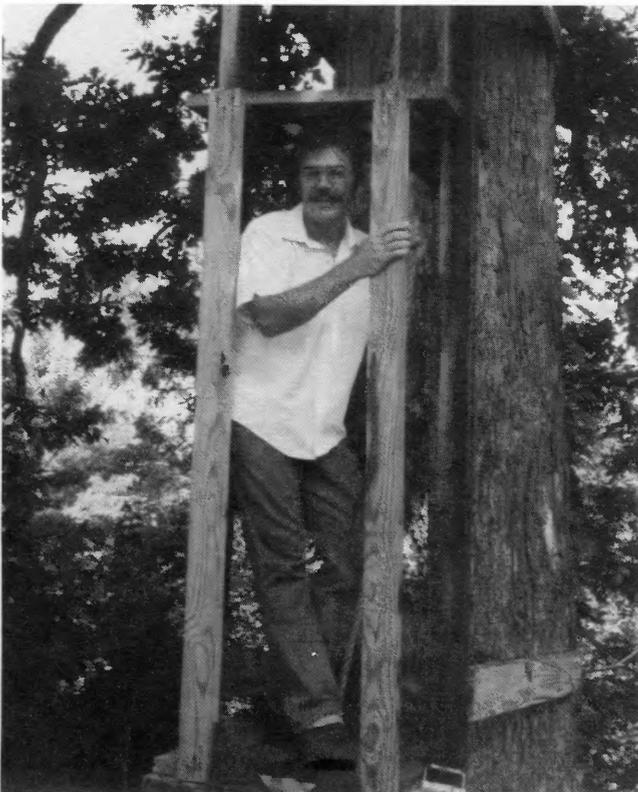
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SHELBYVILLE, ILLINOIS



*Spectacular view from the top of the oak. Barely visible is Thompson's 800 ski lift.*

## Hilltop



*Alan Thompson poses in his man lift headed to the top of the ancient oak tree on his property.*

Historic Williamsburg Hill is a most unlikely spot for a growing manufacturing firm. Yet, Alan Thompson has located his R. I. Plastics company next to his home at the top of the hill.

Early in Thompson's career, he owned a photography business and manufactured the acrylic frames for the photographs. Gradually, the plastic business expanded until either a manager had to be hired for that facet of the business, or the photography must be abandoned. Thompson chose to retain the plastic business, which now employs six full-time and two part-time persons. Thompson adds, "This success is not due solely to my efforts. Many people helped me get this business started — including investors and bankers."

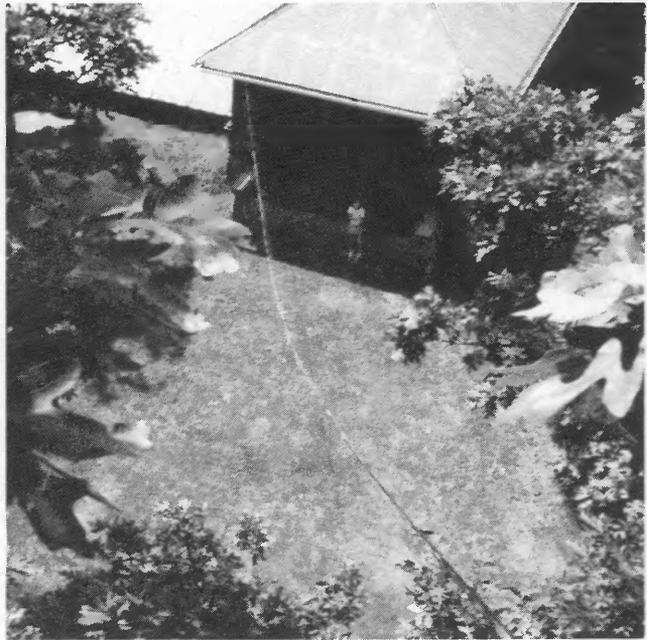
At the present time, R. I. fabricates the plastic, but eventually they would like to go into the injection molding end of the business. The plastic is received in four-foot-by-eight-foot sheets, and is cut, sanded, polished, silk screened, and bent at the Williamsburg Hill factory. Thompson says any kind of advertisement or logo can be used. A large portion of products manufactured are napkin holders and phone book holders for restaurants and hotels. Most of the customers are advertising agencies who do the ordering for their clients. Thompson says he has 150-200 customers ranging in size from small businesses to the entire Hyatt Hotel chain. He credits the expansion to trade journal listings and word-of-mouth references among advertising agencies. When asked about future expansion possibilities, Thompson says any increase in manufacturing facilities will take place on his existing property on Williamsburg Hill.

The Thompsons are becoming experts on the hill and

ILLINOIS RURAL ELECTRIC NEWS



Employees pose front: Kelly Thompson and Marilyn Koberlein; and back, left to right: Eileen Thompson (Alan's mother), John Carlson, Rose Thompson, Vonnice Kidd, and Alan Thompson



Kelly Thompson is barely visible from the tree-top platform.

# factory

some of its history. The highest point in downstate Illinois (the Thompson property is on the highest point of the hill.), Williamsburg Hill is a deposit of sand and gravel left as the great Wisconsin Glacier melted and receded. People interested in geography and topography should note that Williamsburg Hill is the beginning of the Shelby Moraine, which runs all the way to Alton. In front of the Thompson property sits a huge oak tree that has a history of its own. Legend says that the only hanging in Shelby County took place from a branch of that oak. An inn once was located on the hill, and Thompson's young daughter, Kelly is proud to relate: "Abraham Lincoln used to ride through where our yard now is on his travels from Vandalia to Springfield on horseback."

A man of varied talents, Alan Thompson has built a one-man lift to transport himself and brave visitors to a platform 48 feet in the top of the old oak tree. From what must clearly be the highest point in downstate Illinois, the view is breathtaking. At night, you can see the lights of Interstate 70 near Altamont; and on a clear night the lights of Decatur make a beautiful sight. On Independence Day Thompson and Kelly like to watch the area fireworks from the platform. Rose Thompson says she has tried to go to the top several times, but "my knees buckle every time."

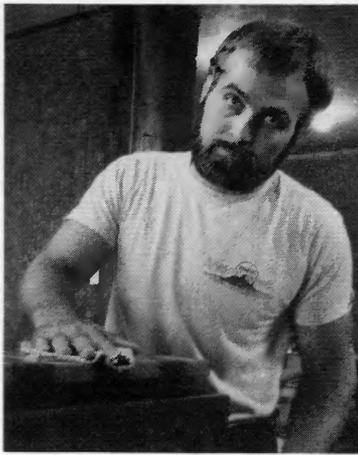
Williamsburg Hill has indeed seen its share of history. The first settlement in the county, Cold Spring, was located there, and Williamsburg Hill cemetery was the first in the county — and possibly the oldest maintained cemetery in central Illinois. Now, it is seeing the beginning of a company with a bright future — R. I. Plastics.



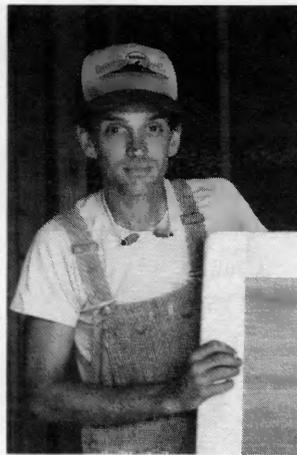
Kelly Thompson and Bandit pose in front of the house that was built in 1927 by Lee and Bessie Hunter. The columns were hand molded and contain rock from the Hill's several gravel pits.



Eileen Thompson sets up a silk screen for use on the clear acrylic frames.



Ben Kruger



Chris Cassidy

# Quality woodwork

**“I learned that I enjoyed woodworking more than I liked building houses.”**

The people at Beaver Creek Woodworks are working today, building tomorrow's heirlooms. Ben Kruger, Chris Cassidy and Becky Meyer work with top-quality hardwoods to build carefully crafted woodworks designed from the ground up to be pleasing to the eye, functional and to last for many decades.

Their shop, which is served by Adams Electrical Co-Operative, is on Highway 96, just south of Quincy.

“We try to use the old-fashioned joinery methods,” Chris says, “where the pieces we make are held together by good joints, rather than simple butt joints and nails or screws. They're kind of like Chinese locking puzzles in that you have to work at it, sometimes, to find out how to disassemble them.”

In some of today's furniture factories, butt joints, nails, screws and sometimes staples are used to speed the mass production process and help keep costs down. The same process also makes for furniture items that will never make it to antiquity, the partners say. To them, an antique is not just something old, but a work of art that has aged.

“Nails gradually work themselves out,” Chris says, “and you can bet that a piece put together at the turn

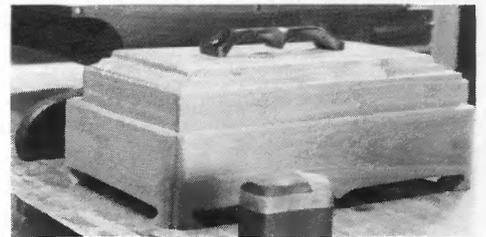
of the century with nails or screws has either been rebuilt or needs to be. This is especially true of chairs, tables and furniture people use a lot.”

Ben, who dreamed up the idea of the shop, got into quality woodworking in a backhanded sort of way. Trained at the University of Illinois in home design and construction, he ran across a friend who knew woodworking and wanted to learn some of the finer points of home building. The friends agreed to swap skills. “I learned that I enjoyed woodworking more than I liked building houses,” says Ben, who has a tad of poetry and a shovelful of artistry in him. “I like the Louis Nizer quote,” he says, “that goes like this: ‘A laborer works with his hands. A craftsman works with his hands and mind, and an artist works with his hands, his mind and his heart.’”

Chris, who had held a series of repair and add-on jobs for area contractors, was talking with Ben, who had come up with the idea of a quality woodworking shop sometime before. “It seemed like a good thing,” he says, “and I wasn't doing anything else really interesting, so I decided to get in on the venture.”

Both are still working to improve their skills, by reading books and magazine articles in trade publications, and by trying new ideas in the shop.

“It's extremely important in quality woodwork to preserve the integrity of the grain,” Ben emphasizes,



**A carefully crafted jewelry box awaits the final touches before going out to a buyer.**

“along with using careful joinery techniques.”

“I'll only be able to produce so many pieces in my lifetime,” he adds, “and I want to remember and savor the challenges presented by each one.”

## Warsaw

(Continued from page 5)

and monitors the soil carefully, especially for phosphorus, potassium and nitrogen, and keeps an eye on the corn's leaves. He goes through the field regularly, to check for insects.

"I believe the way farmers will be able to survive will be by decreasing their cost of producing by getting more corn per acre," he concludes, "and that's

what I hope to show them how to do by careful management.

We can beat the farm problem if we work at it," Warsaw says.

## Planning to Weatherize?

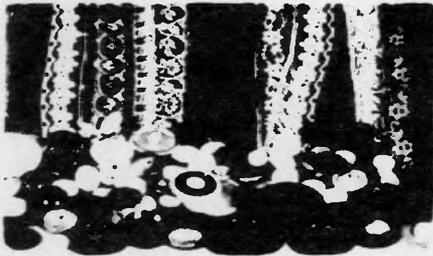
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## BACKYARD GARDENERS

### At Last! A Small Tiller That Works!



Forget about big, clumsy, yank-you-along tillers forever!

The Mantis tills a sensible 6" to 9" wide (not 20" or more like big tillers). Mantis weighs just 20 lbs. (not 200 to 300 lbs.). Mantis' tines go through tough soil like a

chain saw goes through wood. *No jerking... no yanking you along... and Mantis turns on a dime!* Put the fun back in gardening.

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### 3-WEEK IN-YOUR-GARDEN TRIAL!



Mantis Manufacturing Co.  
 1468 County Line Rd., Dept. 3025  
 Huntingdon Valley, PA 19006  
 (215) 355-9700

Please send more information.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

EXCLUSIVE FORMULATION USED BY AIRLINES—NOW AVAILABLE TO CAR OWNERS

## Glass Shield™ KEEPS ALL CAR WINDOWS PERFECTLY CLEAR AT ALL TIMES... ABSOLUTELY NOTHING CAN STICK TO THEM...

NOT SOLD IN STORES

- NOT SNOW • NOT SLEET
- NOT ICE • NOT GRIME
- NOT DIRT • NOT RAIN
- NOT BUGS • NOT TAR
- NOT SALT SPRAY

One Application lasts for up to Six Months!

GLASS SHIELD utilizes the formulation now used by most commercial and private planes to insure a perfectly clear windshield regardless of how foul the weather.

### WORKS LIKE MAGIC

You'll be amazed as you watch the elements hit your windshield and actually roll and bounce off every area of glass. It's not magic...it's GLASS SHIELD!

### IMPROVED FOR CAR & BOAT OWNERS

The plane formulation was enhanced by adding ingredients that not only prevent snow, sleet and ice formation on cars, but also grime, dirt, bugs, tars and salt spray from adhering to your windshield and all glass areas, including side mirrors. You can now drive in the worst of weathers with the assurance that you'll enjoy even clearer visibility at all times without even using your wipers. AND, because GLASS SHIELD protects the entire glass area of your car, you enjoy far greater visibility than merely depending on your windshield wipers. Clearer and wider visibility insures elimination of "blind spots" and provides greater protection against road accidents for you and your family. GLASS SHIELD is made by the manufacturers of famous GLO-SHIELD, America's finest car finish.

**AS SEEN ON NBC-TV**  
 David Horowitz' Consumer Report Show  
**"IT REALLY WORKS!"**

©1986 NC CORP.

## Glass Shield™

- STOPS ICE, SNOW AND SLEET FROM FORMING ON WINDSHIELD, ETC.
- ROAD TARs, GRIME, SALT SPRAY, DIRT AND BUGS ROLL RIGHT OFF.
- FULL WINDSHIELD, SIDE AND REAR WINDOW VISIBILITY PERFECTLY CLEAR AT ALL TIMES (not just wiper area).
- GREATER PROTECTION AGAINST ACCIDENTS FOR YOU AND YOUR FAMILY.
- ONE APPLICATION LASTS FOR UP TO 6 MONTHS.
- ONE BOTTLE PROTECTS SEVERAL CARS.
- SAFE FOR ALL CAR FINISHES.
- EXCELLENT FOR HOME WINDOWS. ELIMINATES CONSTANT WASHING.
- PERFECT FOR BOATS, TOO. KEEPS SALT SPRAY OFF WINDOWS.

### 30 DAY MONEY BACK GUARANTEE

Howe Co., Dept. 528  
 10-10 44th Ave., L.I.C. NY 11101

Please rush me \_\_\_\_\_ bottles of GLASS SHIELD (a \$795 (2 for \$13.90, 4 for \$25.95) Add \$1.00 per order for postage & handling. N.Y. residents add sales tax. Enclosed is check or M.O. for \$\_\_\_\_\_, or charge to my  VISA  MASTER CARD

No. \_\_\_\_\_ Expre Date \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

# CURRENT LINES

## from cooperative managers



Roy D. Goode, Manager  
**Rural Electric**

Auburn, Illinois

### RATE REDUCTION

There's been a one-half cent reduction in electric rates for members of Rural Electric Convenience Cooperative. Your board of directors reduced the per kilowatt-hour cost by the half-cent effective with the September 30 billing.

This reduction was made possible by lower-than-expected wholesale power costs and higher-than-expected electric usage. This reduction in rates will give consumer-members an opportunity to use more energy at a reduced cost. This reduction is on a trial period to determine the effect of lower rates on electrical usage.

The greatest portion of electric bills is made up of fixed costs. Cooperative members' electric bills are made up of fixed costs and energy costs. Fixed costs remain nearly constant regardless of the amount of energy used by the

members. With this new reduction in cost, members will save a substantial amount of their electric bills.

The purpose of this reduction is to give members an incentive to use electricity efficiently and to use more electricity for their comfort and convenience. If more electricity is used, rates may be held down. If kilowatt-hour sales continue to increase and fixed costs remain the same, total energy costs per kilowatt-hour would be held down as more electricity is used.

### ELECTRIC HEAT RATE

All members who are total electric and are on the electric heat Rate Schedule 003 will enjoy an additional one cent per kilowatt-hour reduction for energy used between 1,200 and 3,000 kilowatt-hours. They will receive an additional half-cent reduction for all kilowatt-hours used over 3,000.

The Dual Heat program previously announced is available to members — electric heating for four cents per kilowatt-hour.

If you would like more information about any of these programs, please call your cooperative office.

Your cooperative also has a rebate program on the installation of electric water heaters. Any member who installs a new water heater can receive a rebate of \$50.



Bill LeCrone, Manager  
**Shelby Electric**

Shelbyville, Illinois

### CO-OP MONTH

Between towns, electric lines travel down quiet country roads, across plains, deserts and mountains, through the bayous — reaching far and wide to light up the homes, businesses, farms, schools and churches in rural America — connecting communities, one with another.

America's 1,000 consumer-owned rural electric systems make this network of reliable electric power possible.

Rural electric systems form another kind of network, just as vital. We connect the people of rural America in Cooperation. Our consumers are our owners, and in good times — and times like these — we work hard to anticipate and meet their needs.

Because of the cooperatives' help in their service areas, there are schools, churches, elevators, feed mills, implement dealers, seed corn companies, rock quarries, irrigation systems, fertilizer plants, community colleges, radio stations, nurseries, motels, restaurants, pumping stations, nursing homes, auto parts and used cars, apple and peach packing

sheds, county water districts, and small towns, etc.

It's like this all across the land. It happens because we're there, working together with our neighbors to meet local needs.

October is Cooperative Month, a time for member-owned and member-serving organizations such as Shelby Electric Cooperative to underline their unique nature. One of four Americans, about 60 million, belongs to at least one of the 40,000 cooperatives in the country.

It's basic democracy in action; the cooperative is owned and controlled by its members, on the basis of one-person, one-vote.

### STATEMENT OF NONDISCRIMINATION

Shelby Electric Cooperative has filed with the Federal Government a Compliance Assurance in which it assures the Rural Electrification Administration that it will comply fully with all requirements of Title VI of the Civil Rights Act of 1964 and the Rules and Regulations of the Department of Agriculture issued thereunder to the end that no person in the United States shall, on the ground of race, color, sex, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the conduct of its program and the operation of its facilities. Under this Assurance, this organization is committed not to discriminate against any person on the ground of race, color, sex, or national origin in its policies and practices relating to applications for service or any other policies and practices relating to treatment of

beneficiaries and participants including rates, conditions and extension of service, use of any of its facilities, attendance at and participation in any meetings of beneficiaries and participants or the exercise of any rights of such beneficiaries and participants in the conduct of the operations of this organization.

Any person who believes himself, or any specific class of individuals, to be subjected by this organization to discrimination prohibited by Title VI of the Act and the Rules and Regulations issued thereunder may, by himself or a repre-

sentative, file with the Secretary of Agriculture, Washington, D.C. 20250, or the Rural Electrification Administration, Washington, D.C. 20250, or this organization, or all, a written complaint. Such complaint must be filed no later than 180 days after the alleged discrimination, or by such later date to which the Secretary of Agriculture or the Rural Electrification Administration extends the time for filing. Identity for complainants will be kept confidential except to the extent necessary to carry out the purposes of the Rules and Regulations.



## ***Serving across Illinois and around the clock***

Day in and day out, around the clock, most of us are served by cooperatives . . . in all kinds of ways. Across Illinois, in the small country crossroad towns and the big cities alike, you'll see the influence of cooperatives.

Cooperatives help spread the news, deliver and process dairy products, and grind and transport the feed and seeds that keep American agribusiness thriving. Cooperatives help farmers with financing, and provide millions of people from all walks of life with insurance, housing, food, financial and telephone services. Cooperatives also provide dependable electric service to more than 600,000 downstate Illinois residents.

Cooperatives work because they meet people's needs efficiently and economically, providing top-notch services for their members at cost.

**When cooperatives work, all America benefits.**

# Rescue Your Dying Septic System NOW!

Just Pour Safe, Easy To Use Powder Into Your Commode and Finally...

## END SEPTIC TANK BACKUP CLOGGING and SMELL

**RESULTS VISIBLE OVERNIGHT!**

**WHY SEPTIC TANKS BACK UP** Septic tanks Clog, Backup and Smell because of household cleaners, which are great for dishes, laundry and floors, but kill good bacteria in your tank and cesspool that normally digest solid wastes, fats, greases and starches. Without this bacterial action solid waste builds up in your system. They overflow into and clog your drainfields, lines and back up into your tank, causing overflows and smells. Even pumping your tank will not clean out the pipes or drainfields, but SEPTIPRO® will!

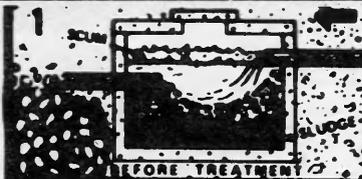
**HOW SEPTIPRO® WORKS TO SAVE YOUR DYING SYSTEM!** It goes to work immediately with 3 Safe Potent Enzymes and Bacteria supplement that works with your good bacteria to break down and digest fats, greases, starches, and all organic waste materials including paper and cotton fibers. It converts and liquifies all organic solid wastes. Cleans tank, pipes, and drainfields. Drainfields become porous allowing earth to absorb. The entire system opens and works from beginning to end.

**SEPTIPRO® SAVES YOU MONEY!** No more costly mechanical cleaning, digging or pumping.

**SAFE AND EASY TO USE!** Just pour SEPTIPRO® into your commode, let it work! Results usually visible overnight! Non-toxic, Poisonous or Corrosive. Harmless to Humans, Animals or Plumbing. Will make your system odor-free. **SEPTIPRO® IS GUARANTEED TO KEEP YOUR SEPTIC SYSTEM TROUBLE FREE OR WE WILL REFUND EVERY PENNY YOU PAID FOR YOUR SEPTIPRO®.** 1 lb. for initial treatment of 1000 gal. tank or 4 routine monthly 4 oz. treatments.

*I understand that SEPTIPRO® is fully guaranteed and if it does not do as claimed, I can return the unused portion within 30 days and get all of my money back.*

**YOU DONT RISK A PENNY!  
Order Now! Money Back Guaranteed!**



SOLID WASTE CLOGS PIPES, TANK & DRAINFIELD



SOLIDS DIGESTED AND LIQUIFIED NOW ABSORBED IN OPENED DRAINFIELDS

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- 1 lb. @ \$8.95 plus \$1.00 postage & handling total \$9.95
- 2 lbs. @ \$14.40 plus \$2.00 P & H total 16.40 Save on
- 4 lbs. @ \$21.30 plus \$2.50 P & H total \$23.80 Larger
- 8 lbs. @ \$36.50 plus \$3.00 P & H total \$39.50 Sizes

Charge to my  Master Card  Visa

Account No. (All digits) \_\_\_\_\_

Expiration Date \_\_\_\_-\_\_\_\_

Signature \_\_\_\_\_

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Charge Customers call: 1-800-533-2225

## CHRISTMAS SALE

**DAY-NIGHT**  
Mailbox Markers

SAVE UP TO \$5.00 ea.

STYLE M \$9.95

Reg. \$14.95

**JOS. E. ROCKWELL-682**

- Raised white reflective letters on black rustproof aluminum.
- Your wording—same both sides; up to 17 characters on long plate, 6 on short.
- Shipped in one week or less.
- Specify style, wording, shipping address.
- Send ck. or money order, or use MC or VISA (include all numbers)
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Satisfaction Guaranteed

**FREE** Post./Hand. anywhere in the USA!

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THE ARMSTRONGS

STYLE EM \$18.95

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STYLE NM \$19.95

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R.T. BOX 13

**ORDER TODAY!**

STYLE EOM \$25.95

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SINCE 1949

**Spear** -ENGINEERING COMPANY-  
DEPT 45106

Colo. Spgs., CO 80933-7025

Send my FREE sales kit!



## SOTZ AIRTIGHT WOODSTOVES

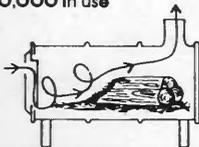
AS LOW AS \$27.47

**Most Efficient Kits-Patented Internal Draft Channel**  
Mounted to inside of door on heavy steel kits only.

Original 15-30 and 55 Gal. only. Air entering top draft control is pre-heated as it is drawn down inside of door, air is sucked into bottom of heater with a turbulent action, mixing with the wood gases, making these 2 heavy steel models sparkproof and tops in efficiency, life-time heavy steel, tapered formed, self-adjusting door and frame seal.

Over 300,000 In Use

HEAVY STEEL SHOWN HERE



**GUARANTEE.** Try the Sotz Heater Kit at our risk. If (within one year) you don't agree it outperforms any wood heater money can buy, or if kit ever cracks, warps, or burns up, your money will be refunded. Including shipping charges.

Kits convert 15 to 55 gal. drums (not supplied) into high capacity stoves.



### ALL STEEL & CAST IRON STOVES FEATURE:

- Airtight design and draft control engineered to limit the amount of oxygen entering stove for controlled, safe, efficient heat. Prevents over-firing so drums can't burn up.
- Use of draft control allows you to heat large or small areas. Basement installation heats your entire home. Great for your garage, workshop or cabin. Top drum squeezes 60% more BTU's from heat normally lost up the chimney. Bolts together quick and easy.

• Sotz Top Kit includes heavy duty connector pipe - Other brands don't.

Size Kit	Factory Pick-up	Del.
15-30 Gal. Bottom	\$27.47	\$31.47
55-Gal. Bottom	\$34.98	\$38.99
Cast Iron Bottom	\$15.95	\$20.95
Top Kit Fits All	\$17.97	\$20.93
Budget Heater	\$16.95	\$19.95

### Automatic Draft Control

For Sotz Stoves and Spin Draft Stoves \$21.95 \$24.95

Call or write to see if it fits your stove.

### BUDGET HEATER

Fits 15 thru 55-gal. Drums

**\$16.95**  
Factory pick-up

- Spark Proof
- Air Tight
- Priced Below Leaky Imports
- Lifetime Guarantee



(Drums not supplied)

Designed for the budget shopper. For occasional heating jobs such as workshop, cabin or other. Average combustion efficiency. Stove parts similar to Sotz 30-gal. stove kit, except without patented internal draft channel, has spark arrestor shield instead. Draft control on bottom of door.

### AIRTIGHT ECONOMY CAST IRON \$15.95



Gasketed Door

Factory pick-up Fits 30-55 gal. drum. Largest cast iron kit made.

VISA or MASTERCARD RUSH ORDERS  
CALL TOLL FREE 1-800-321-9892  
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or SEND CHECK OR MONEY ORDER  
Sorry, No C.O.D.'s

Sotz Inc., 13668-O6 Station Rd., Columbia Station, OH 44028

gram is a case in point, he added.

"Rural crime is increasing dramatically," he said, "and law enforcement people can't be everywhere, so some co-ops have gotten in touch with local law enforcement people and offered to help.

"Since co-op employees drive around the rural areas in radio-equipped vehicles a lot," Moore said, "we felt that it would be only natural for them to act as 'eyes and ears' for the local law enforcement agencies."

Cooperative employees do not carry weapons, nor do they attempt to make arrests. Instead, they look for suspicious activities, accidents and threatening weather, and radio in a report when they see something out of the ordinary. The program has already paid off in several of the participating co-ops, mostly in the quick reporting of auto accidents.

Telecommunications is a growing area which offers a lot of potential, Moore noted, and rural areas are being bypassed because of the low population density and the fact that it would be virtually impossible for cable television companies to turn a profit by "wiring" the countryside. "Probably half the homes that don't have cable TV now never will have," he noted. Satellite dish users face increasing "scrambling" of stations' signals, reducing the usefulness of the receivers. Descramblers are quite expensive and only a partial solution.

"The electric cooperatives have gotten together to form the National Rural Telecommunications Cooperative," he said, "and we're negotiating with several cable companies in the

hope that we'll be able to offer a good package for about \$10 a month, assuming the resident has a satellite dish," he added.

But, if industry projections are an indicator, the entertainment value



of the satellite dish will soon be surpassed by its value as a two-way communications device permitting electronic voting, teleconferencing, educational programs and other services.

"There has been enough time for profit-making concerns to look into the market," Moore said, "and they haven't. It's kind of a logical move for a non-profit electric cooperative, because they have a billing system in place and a rural service orientation, so we're going to get involved. Not-for-profit, but for the good of the areas we serve."

Gerald Quade (right) of Altamont was one of three persons honored by the Illinois Cooperative Coordinating Committee for their contributions to cooperatives. Making the presentation are, from left, Larry Werries, Illinois Director of Agriculture, and Dick Jurgens, vice president of Interstate Producers Livestock Association. Also honored were Don McWard of Hudson and Rich Connell of Bloomington.



# Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

## Co-operation

### Working together to keep the energy flowing

For your electric cooperative, keeping the power flowing along the back roads and fields is a demanding job. Many co-op lines go through the roughest back-country terrain that Illinois has to offer. Year-round tasks at your cooperative usually include tree trimming and brush clearing. Keeping the lines clean can prevent expensive energy losses and power outages. And outages are inconvenient and expensive for everyone!

Shelby Electric Cooperative members can help by notifying the co-op office about areas where trees and brush have grown into our lines. And if a tree near power lines needs to be cut, call the cooperative for help. The co-op crew might be able to prevent a costly power outage in the future! Please keep in mind that your Cooperative is not in the tree trimming business. Our time is spent in keeping our lines clear; and we cannot use valuable time in trimming and removing trees and limbs that do not jeopardize our service lines.

Keeping the power flowing to rural areas is a demanding job. But with cooperative members like you working together, we are getting the job done.



*Shoaff finds a basket truck a great help with trimming.*



*Linemen Bill Shoaff and Larry Shuff trimming growth away from our Neoga transmission line.*



*Members are urged to report situations like the above. It is one way to avoid costly outages.*

During a power outage . . .

## Your response helps ours

When you call your electric cooperative to report an outage, chances are that you'll receive a busy signal. Members served by the same power line or substation that serves you will also be phoning in their reports . . . and that could mean dozens or even hundreds of incoming calls. We realize it can get a little frustrating to call your cooperative repeatedly and continue getting a busy signal. But we ask your patience and understanding . . . and your help.

You see, the more calls we receive from members, the easier it becomes for us to determine the extent and source of the outage and the faster we can dispatch our crews. . . Besides, you shouldn't assume that your neighbors have reported the outage. They may have phone trouble or might not even be home. And waiting to report an outage could mean unnecessary delays in having your service restored.

We do ask that you check your breakers and fuses before you phone us. If they're okay, call your neighbor to see if his power is off. Then call your cooperative and be prepared to provide us with the information we need to help locate you and the possible problem.

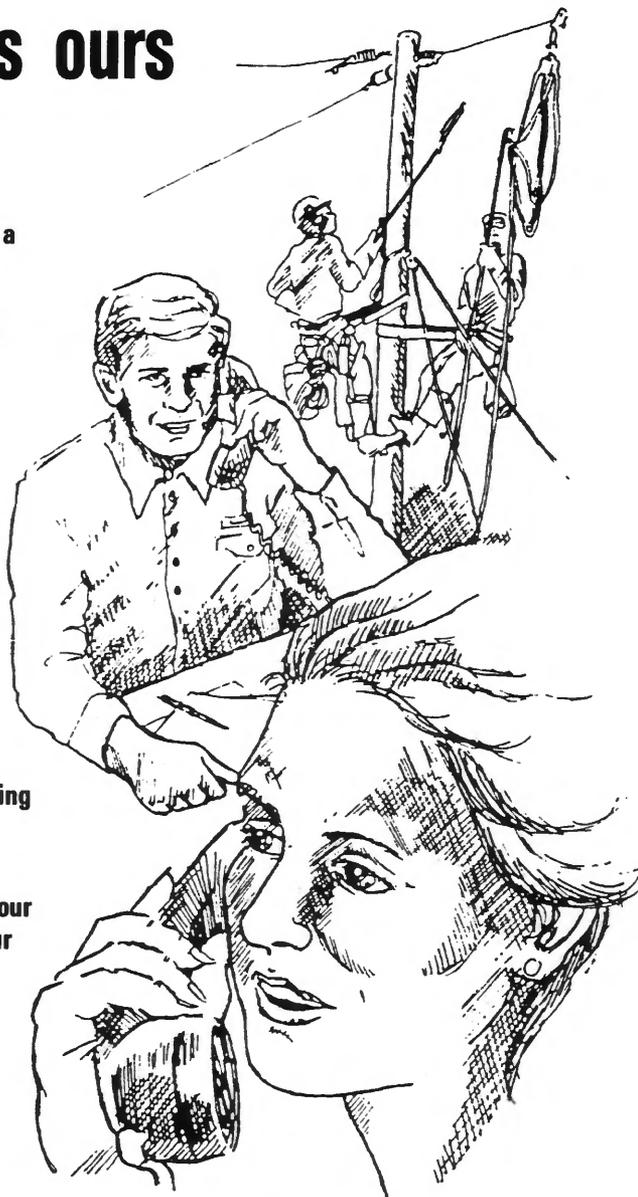
We regret the inconvenience caused by an electrical outage — whether the cause is a vehicle accident, a trespassing raccoon or a severe thunderstorm — but with your help, those of us at the other end of the telephone line will do everything possible to restore your electric service safely and quickly.

To report outages during office hours, call: 774-3986

To report outages after hours (nights, weekends, holidays), call: 774-3986

Please give your account number when reporting your outage.

Example: S714-5



## Shelby Electric Cooperative

Telephone: 774-3986

P.O. Box 166

Shelby Electric, Shelbyville, Illinois 62565

# Thanksgiving smorgasbord

## BARBECUE SAUCE

- 4 quarts catsup
- 1 quart vinegar
- 4 ozs. dry mustard
- 1/4 oz. red pepper
- 3/4 oz. black pepper
- 3 ozs. chili powder
- 8 ozs. brown sugar
- 1 quart tomato sauce
- 2 cloves garlic
- 2 ozs. salt

Combine all ingredients. Simmer, stirring occasionally until thickened, about 1 hour. Makes 1 gallon. Keep unused sauce in covered jar in refrigerator.

## CHICKEN AND RICE

- 1 cup rice
- 1 can celery soup
- 1 can cream of chicken soup
- 2 cans water
- 1 fryer cut in serving pieces (leave on skin)
- Salt
- Butter

Salt chicken. In large baking dish, pour in rice; top with pats of butter. Mix both cans of soup and water; stir. Pour over rice and place chicken on top. Bake at 350 degrees for 1 hour or until done.

## RAISIN PIE

- 1 cup raisins
- 1 cup water
- 1 cup sugar
- 1/4 cup butter
- 3 tablespoons flour
- 1/2 large can of condensed milk

Combine raisins, water and sugar. Boil for 5 minutes. Mix condensed milk and flour to make paste. Slowly stir into raisin mixture, and add butter. Cook slowly until thickens. Pour into uncooked pie shell. Top with another uncooked pie shell — seal. Bake at 350 degrees until crusts are lightly browned. Cool before slicing.

## AMAZING COCONUT PIE

- 2 cups milk
- 3/4 cup sugar
- 1/2 cup biscuit mix
- 4 eggs
- 1/4 cup butter or margarine
- 1/2 teaspoons vanilla
- 1 cup angel flake coconut

Combine milk, sugar, biscuit mix, eggs, butter and vanilla in electric blender. Cover and blend on low speed for 3 minutes. Pour into greased 9-inch pie pan. Let stand about 5 minutes, then sprinkle with coconut. Bake at 350 degrees for 40 minutes. Serve warm or cool. (This pie makes its own crust.)

## GINGER CRACKLES

- 2 1/2 cups flour
- 1 tablespoon ginger
- 2 teaspoons soda
- 1 teaspoon cinnamon
- 1/2 teaspoon salt
- 3/4 cup shortening
- 1 cup sugar
- 1 egg
- 1/4 cup molasses

Cream shortening, egg and sugar. Add molasses. Mix well. Add rest of ingredients. Stir well. Form into 1-inch balls and roll in sugar. Place 2" apart on ungreased cookie sheet. Bake at 350 degrees until done.

## TEXAS HASH

- 1 lb. hamburger meat
- 1 can tomatoes
- 1 can mushroom soup
- 1/2 cup chopped onion
- 1 cup Minute rice
- 1/4 teaspoon garlic
- 1/4 teaspoon black pepper
- 1/4 teaspoon oregano
- 1/2 teaspoon salt

Brown hamburger meat and onions in skillet. Pour remaining ingredients into skillet and heat, then pour into casserole dish and place cheese on top. (Cheddar Cheese on top is optional.) Bake in oven at 350 degrees for about thirty minutes or until cheese melts.

## DUTCH MEAT LOAF

- 1 1/2 lbs. ground beef
- 1 cup bread crumbs
- 1 onion, chopped
- 1/2 can tomato sauce
- 1 egg, beaten
- 1 1/2 teaspoons salt
- 1/4 teaspoon pepper

Mix ingredients and form into a loaf. Place in shallow pan and place in 350 degree oven. Combine the following for sauce on top.

- 1/2 can tomato sauce
- 1 cup water
- 2 tablespoons prepared mustard
- 1 tablespoon vinegar
- 2 tablespoons brown sugar or molasses

Pour sauce over meat loaf in oven, and continue baking 1 1/4 hours, basting occasionally.

## STANDING RIB ROAST BEEF

Place 8 lb. top-quality roast in shallow open pan with fat side up. The rib bones in a standing roast keep the roast off the bottom of the pan. Do not wash the roast; wipe with a damp cloth or paper towel. Insert a roast meat thermometer into the center of the roast. Season roast if desired. Do not add water or cover the roast. Roast in slow oven at 325 degrees until the roast meat thermometer indicates degree of doneness desired—140 degrees rare, 160 degrees medium or 170 degrees for well done. OPTIONAL: 45 minutes before the roast is done, pare and boil medium-size potatoes 15 minutes, drain and place the hot potatoes in the meat drippings around the roast. Turn them over using tongs to coat with the meat drippings. Finish cooking potatoes along with the roast. Salt them lightly before serving.

## JAZZED-UP CANNED BEANS

### Ginger Peachy Baked Beans:

Turn 2 cans (1 lb. each) baked beans into 2-quart casserole. Stir in 1/2 cup dark corn syrup; a small onion, chopped; a dash of ginger. Top with canned peach halves. Bake at 400 degrees, basting frequently, 1 hour or until peaches are well glazed and beans are hot and bubbly. Makes 4 to 6 servings.

### Spicy Beans:

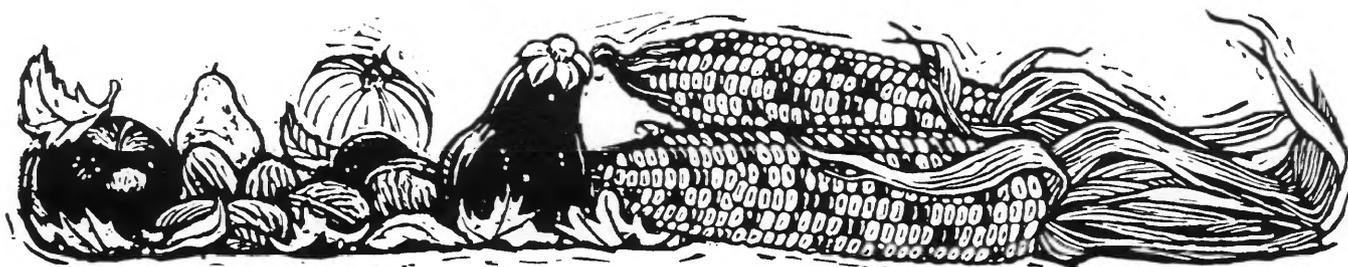
In a saucepan, stir together 2 cans (1 lb. each) beans in tomato sauce, 1/2 cup dark corn syrup, 3 tablespoons bottled steak sauce, dash of chili seasoning. Bring to boil, stirring frequently. Reduce heat and simmer uncovered about 25 minutes, stirring occasionally. Makes 4 to 6 servings.

### Saucy Baked Beans:

In 1 1/2 quart casserole or bean pot, stir together 2 cans (1 lb. each) beans in tomato sauce, 2/3 cup applesauce, 1/2 cup finely chopped onion, 1/3 cup dark corn syrup, 1 clove garlic, minced, 1 tablespoon prepared mustard, 1/2 teaspoon salt. Bake at 400 degrees 1 hour. Makes 4 to 6 servings.

### Beans and Franks:

In 2-quart casserole, stir together 2 cans (1 lb. each) pork and beans, 1/2 cup dark corn syrup, 1/4 cup pickle relish, 1/2 teaspoon dry mustard, 1/4 teaspoon ground ginger. Bake at 400 degrees 30 to 45 minutes. Top with 1/2 pound frankfurters; continue baking 15 minutes. Makes 4 servings.



# Stark Bro's FREE Catalog

Start growing your own full-size fruit on dwarf-size trees.

Nothing compares with the sweet juicy taste of home-grown fruit picked fresh from your own trees. Imagine the scrumptious pies, cobblers, jams, jellies and just plain good eatin' you'll enjoy.



## 11 REASONS WHY Stark Bro's is for you:

- \$5.00 Discount towards your first purchase.
- Order early...SAVE additional 10%.
- Highest quality nursery stock available.
- Largest number of exclusive varieties.
- No-risk buying — inspect your order before you pay.
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Stark Trees Bear Fruit. Since 1886.

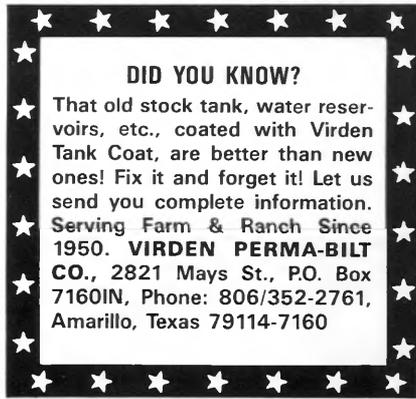
Stark Bro's 56-page, full-color catalog offers hundreds of varieties of fruit, shade and nut trees, berries, shrubs and growing aids too—plus everything you need to grow bushels of flavorful fruit.

Send to: Stark Bro's Nurseries, Dept. A103CF, Louisiana, MO 63353



## Planning to weatherize? The booklet HOME WEATHERIZATION FOR LOWER-COST LIVING COMFORT Can help.

For a copy, send \$2 to: Association of Illinois Electric Cooperatives, P.O. Box 3787, Springfield, IL 62708.



### DID YOU KNOW?

That old stock tank, water reservoirs, etc., coated with Virden Tank Coat, are better than new ones! Fix it and forget it! Let us send you complete information. Serving Farm & Ranch Since 1950. **VIRDEN PERMA-BILT CO.**, 2821 Mays St., P.O. Box 7160IN, Phone: 806/352-2761, Amarillo, Texas 79114-7160

© 1986

## WATER WELL PUMPS

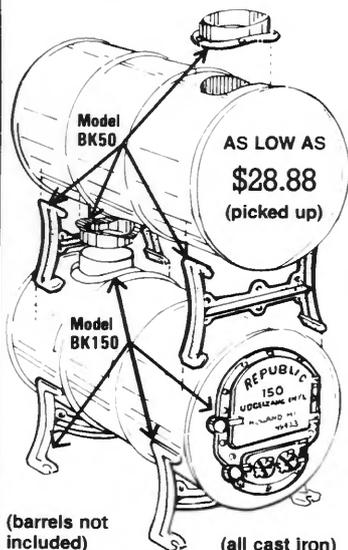
ALL TYPES  
 1/3 HP to 15 HP  
**BIG DISCOUNTS!**

For Free Information:  
 CALL TOLL-FREE **1-800-633-8774**

OR WRITE: **DeepRock** 2200 Anderson Rd. Opelika, AL 36802

# ENERGY PRODUCTS TO SAVE YOU MONEY!

## AIRTIGHT BARREL STOVE KIT



AS LOW AS  
**\$28.88**  
 (picked up)

(barrels not included) (all cast iron)

Our Stove Kit converts a 55 or 30 gal. drum into a highly efficient wood burning heater producing over 150,000 BTU/hr. Our **Double Barrel Kit** burns secondary gases as they recirculate through the top chamber producing over 240,000 BTU/hr. Uses 6" pipe, nuts and bolts included. **Our kits carry a lifetime guarantee to the original purchaser.**

## CATALYTIC COMBUSTOR "THE BEST YOUR MONEY CAN BUY"



- ★ Full 1 1/2" catalyst
- ★ Adapts to any wood burning stove
- ★ Reduce creosote by 80-90%
- ★ Cut wood consumption by 30%
- ★ Increase burn time by 30%
- ★ 6 yr. prorated warranty
- ★ Includes 22 ga. flue pipe
- ★ Available in 6" & 8"

Our Catalytic Combustor burns the smoke that would normally escape out the chimney. This "Re-Burn" increases heat output by as much as 30% and reduces creosote by 80-90%. You save by burning less wood!

### ORDER FORM

QUANTITY	MODEL	DESCRIPTION	DELIVERED TO YOUR DOOR PRICE	FACTORY PICK-UP
_____	BK150	Stove Kit	\$38.88	\$28.88
_____	BK50	Adaptor Kit	\$20.88	17.88
_____	6"	Catalytic Combustor	99.88	89.88
_____	8"	Catalytic Combustor	109.88	99.88
_____		16 lb. Magic Splitter	23.88	19.88
_____		12 lb. Outdoorsman	21.88	14.88
_____		Add for Cushion Grip	3.12	3.12

FOR RUSH ORDERS CALL TOLL FREE 1-800-367-0666 OR 1-(616) 396-1911 COLLECT

## THE MAGIC SPLITTER OUR 16 LB. WOODSPLITTER

New 2" 8" REINFORCED HANDLE

"A REAL PROFESSIONAL MAUL"

TAKES THE WORK OUT OF WOODSPLITTING

- Flame hardened edge won't break down
- Shape of head eliminates stuck axes
- High strength steel handle won't bend
- Lifetime Warranty



Also Available  
 12 lb. Outdoorsman Maul

- All shipments made within 48 hrs. upon receipt of order.
- Visa, Mastercard & COD's accepted
- Full cash refund if not delighted

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

CREDIT CARD NO. \_\_\_\_\_ VISA / MC (circle one) \_\_\_\_\_ EXPIRATION DATE \_\_\_\_\_

**VOGELZANG**

CORP. DEPT. RL12, 415 WEST 21ST STREET, HOLLAND, MICHIGAN 49423 • 1-800-367-0666

# CURRENT LINES

## from cooperative managers



Roy D. Goode, Manager  
**Rural Electric**

Auburn, Illinois

Yes, and as we approach this joyous season we pause to take stock — to look back to look ahead. We may reflect on all the blessings that we have and be thankful to the Almighty that we do live in this time and in this place.

Many times we look at our leaders, past and present; and all too often look adversely. I cannot believe that the leaders of this nation or any nation, leaders of this state, county, township or the board of directors of your electric cooperative, ever made a decision that was not made in the best interest of the entity represented. At the time the decisions are made, they are made with the information available and with the best judgment of those involved. Some of these decisions may have turned sour in the past and perhaps decisions made today may not develop as originally planned.

We do have a great heritage. It's up to us to preserve

the heritage our predecessors left for us. We have a good solid foundation and many building blocks have been left to us. It is up to us to provide the mortar to develop the continuing architectural plans and labor to complete the structure. The structure will never be complete because we keep changing, adding and improving so that future generations may build upon our plans without the structure tumbling down around the foundation.

This rhetoric pertains to about whatever you wish it to apply. It could be your country, your home, your community or your electric cooperative.

Your cooperative board of directors for 50 years developed the foundation and building stones for a rural electric system. This is a solid foundation and they have left a solid structure to build upon. The job is not complete nor will it ever be complete as long as electricity flows throughout the length and breadth of the rural areas of this country. Your board of directors needs your input and support. Not only the criticism, but also constructive ideas and plans. This will develop the integrity of the cooperative family as the procedure continues.

On behalf of your board of directors, your staff and all of us here at your cooperative, "Best Wishes for a Very Merry Christmas and a Good, Happy and Prosperous 1987."



Bill LeCrone, Manager  
**Shelby Electric**

Shelbyville, Illinois

With this holiday season upon us, we reflect on the year we are about to close and look forward to a bright new year full of hope and promise. We at Shelby Electric have once again had a very full, busy year in 1986. From the heavy snows of winter, spring thunderstorms, summer heat and drought, and fall winds, we have endeavored to provide the dependable service our members deserve. Every employee at your cooperative has the members' interest in mind as he or she carries out their duties.

The office staff provides competent billing and accurate member records. The engineering department is constantly seeking ways to make your service better. Probably the people you, as members, meet most often are the people employed in the outside operations department. They are constantly aware of members' needs; and strive to perform their jobs as swiftly, accurately, and courteously as possible.

During this time of goodwill, the board of directors and employees of Shelby Electric wish to extend their greetings and wishes to each of you. The heartwarming exchanges of gifts, the expressions of love and affection shown between families and friends, and the many acts of kindness and charity all evoke a faith in mankind that helps us renew our hope in the future.

We at your Cooperative turn our thoughts toward those who have made our existence possible. We express our gratitude and best wishes and pledge to you our continued dedication and service.

# Co-operation



## in shape . . . for today and tomorrow

All across the country . . . in the cities and rural areas . . . people are placing new emphasis on diet, exercise and fitness. Karen Lawson and her daughter Libby, cooperative members from the Carthage area, know all about keeping in shape.

The employees at the electric cooperative they own know about keeping in shape too! They work every day at keeping the members' electric distribution system in top condition . . . keeping that clean, efficient energy flowing to members like the Lawsons.

The cooperative must maintain an electric system along wide-open stretches of back country . . . and the system must be in top shape to withstand the rigors of tough Illinois winter weather. During those rare times when the power goes out, cooperative linemen will be on the job, getting the power flowing to the members again.

Keeping in top shape is a never-ending job . . . for cooperative employees and members like Karen and Libby. But with members like you . . . and the Lawsons . . . working together, we're getting the job done.



## *Electric Cooperatives of Illinois*

Good for ALL Illinois

# FMEC selects Delp

Robert L. Delp of Geneseo has been selected manager of Farmers Mutual Electric Company.

Delp, who has served as acting manager of the Geneseo-based utility since August, replaces Edgar G. Arnn, who took early retirement to enter a family business in Indiana.

A graduate of J. D. Darnell High School in Geneseo, Delp studied at Black Hawk Junior College in Moline, Northern Illinois University in DeKalb and Illinois State University at Normal. He is a graduate of the U.S. Army Infantry Leadership Course and attained the rank of sergeant.

After summer employment with Farmers Mutual in 1972, Delp worked as an engineering technician for General Telephone Company of Illinois in Bloomington. After three years there, he returned to FMEC and became office manager in 1976.

Delp has completed numerous courses provided by the National Rural Electric Cooperative Associa-



Delp

tion to help employees improve their working and management skills.

Delp and his wife, Sue, live in Geneseo with their three-year-old daughter, Jessica.

## For co-op members only

There's a new name for an old feature in the Illinois Rural Electric News, and it can mean money in your pocket.

Beginning this month, the small ad section of the IREN will be the Illinois Marketplace, replacing the Trading Post. The best news, though, is the special, members-only advertising rate.

Members of the Illinois electric cooperatives will pay only one-third the standard cost for a 20-word ad in the Illinois Marketplace. That's \$8 for an ad that reaches into the homes of 157,000 member-owners of electric cooperatives across the state.

Non-members will continue to pay the standard rate, \$24 for a 20-word advertisement.

The new rate provides members with an excellent way to supplement their local advertising, whether they

are a farmer wanting to sell off a piece of used equipment or a merchant wanting to expand the company's reach into neighboring counties. For the \$8 your ad will go into thousands of homes in adjacent counties and have the bonus benefit of statewide circulation just in case what you have for sale appeals to a buyer all the way across Illinois.

There are some easy-to-follow rules for this type of advertising. You must be a member and send the mailing label of the magazine with your order. Payment in advance is required, and you must have the advertising material to the Illinois Rural Electric News office no later than the first of the month preceding publication.

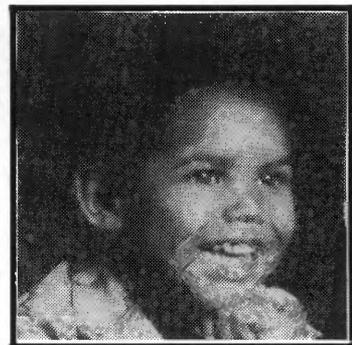
On page 14 of this issue, you will find an advertising order form and all the details and rules.

## MISSING



ILENE REBECCA SCOTT

LAST SEEN: 12/20/80 EYES: Blue  
FROM: Carson, CA HEIGHT: 3'  
DOB: 12/19/74 WEIGHT: 40  
WHITE FEMALE HAIR: Brown



FRANCILLON PIERRE

LAST SEEN: 8/2/86 EYES: Brown  
FROM: North Las Vegas, NV HEIGHT: 3'6"  
DOB: 10/1/82 WEIGHT: 35  
BLACK MALE HAIR: Black

If you can identify these or any other missing children, call The National Center for Missing and Exploited Children at:

**1-800-843-5678**

(sightings only)

This message is brought to you as a public service by Association of Illinois Electric Cooperatives, in cooperation with National Child Safety Council.

### -Safety Tip of the Month-

Teach your child your telephone number, area code, your full address, and how to use the telephone to call home, a law enforcement officer, or dial "0" for operator in an emergency.

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If you want to personally help end this national tragedy, or need additional information, please call:

**1-800-222-1464**