

Co-op manager of year • Flying bathtub

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Illinois Rural Electric News

February 1990

REN



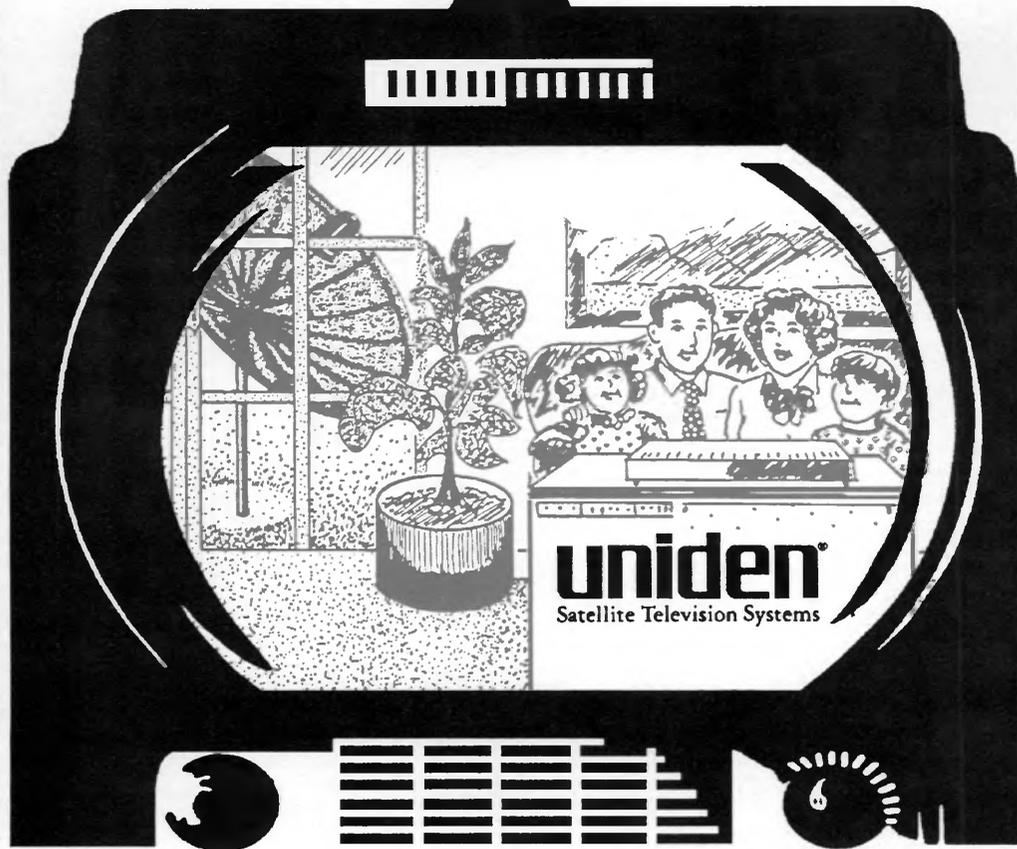
P.R.I.D.E.
in the south

See page 4



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Illinois Rural Electric News

Bush plan seen as good news for REA

The Bush Administration's rural development initiative reveals a change in White House attitudes toward the issue.

Among the more telling departures from Reagan Administration doctrine was Agriculture Secretary Clayton Yeutter's flat statement that the Bush Administration not only believes in continuing REA, but also is counting on the agency to play "a very positive and important role" in rural economic development efforts. A plan based on that premise is good news for rural America.

"This Administration has never called for the elimination of the Rural Electrification Administration," Yeutter said at a press briefing on the Bush plan. "That was done in a prior Administration, and that Administration does not speak for this one. We do not have any intention to call for elimination of REA."

The Bush package takes a page from the Reagan notebook in that it offers no new funding, focusing instead on collecting information and coordinating existing efforts under six proposals:

- A President's Council on Rural America made up of farmers, state and local officials, rural business leaders, and high-tech industry representatives, whose job is to advise federal officials on improving rural development policy.

- State rural development councils to bring

together governors' advisers and federal officials "to coordinate federal rural development programs . . . (and) identify and assess local rural development needs."

- Rural development demonstration programs, using "existing budgetary resources" to find, tackle, and solve rural development problems.

- Technical assistance center and hotline, an Agriculture Department offering designed to help people and communities track down federal assistance available for their development projects.

- Target federal programs, an effort to "allocate funds to those activities where the payoff is greatest."

- Establish the Working Group on Rural Development as a new standing committee of the President's Economic Policy Council to turn suggestions from the Council on Rural America into programs.

"A healthy farm economy is not enough. Diverse off-farm employment opportunities are needed for rural America to regain its full economic and social vitality. It is in the interests of all Americans to improve the economic well-being of rural America. Urban and rural potential and problems are bound inextricably together," Yeutter said.

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Cover: There's plenty of P.R.I.D.E. in deep south Illinois. P.R.I.D.E. is an organization dedicated to the development of a seven-county area of Illinois. Betsy Modglin, P.R.I.D.E. director, and Tim Reeves of Southern Illinois Electric Cooperative look at one of the organization's signs. Also on the cover is a photo showing the P.R.I.D.E. promotional brochure. (See article beginning on page 4.)

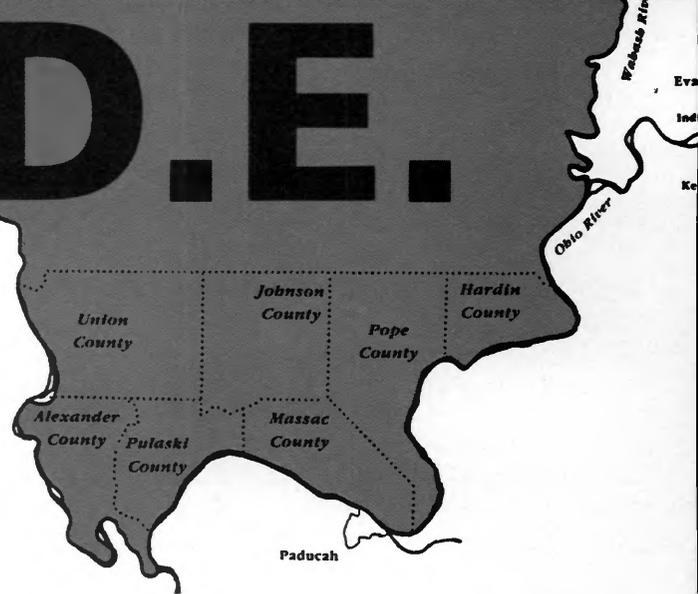
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P.R.I.D.E.

Seven 'deep-south' counties push area



There's a lot of pride in a new organization devoted to betterment in Southernmost Illinois. In fact, that's its name—P.R.I.D.E.

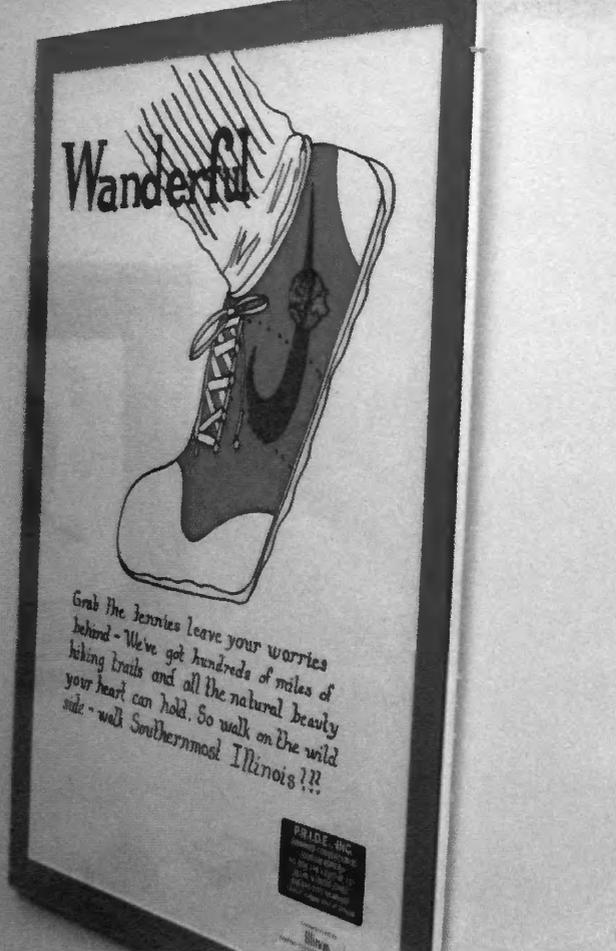
The letters are short for Promoting Recreation and Industrial Development for the Economy. Obviously, with a name like that, there's hope for more than just tourism. But with the area's uncongested highways, clear blue skies, sunny days and beautiful scenery, tourism sure looked like a good place to start, notes Betsy Modglin, director of the Shawnee Convention and Tourism Bureau and director of P.R.I.D.E.

Southernmost Illinois means just that. It's the

seven counties at the south end of the state—Pope, Hardin, Massac, Johnson, Pulaski, Alexander and Union. Southeastern Illinois Electric Cooperative and Southern Illinois Electric Cooperative serve much of the area.

Betsy, raised on a farm near Ullin, graduated from Southeast Missouri State University with a bachelor of science in education. She later studied economic development, with emphasis on promotion and marketing. She's working now to become a certified tourism professional.

Certified or not, she's doing a professional job, working out of the organization's headquarters at



Betsy Modglin of P.R.I.D.E. with a promotional poster

the Cheekwood Inn near Ullin.

The chore has been an uphill one, as steep as some of the area's more challenging hiking trails, but residents of the region are beginning to pull together, realizing that they're working more together than in competition.

"Probably one of our greatest accomplishments has been getting the counties to talk to each other, and to realize that if they don't have something to offer that the next county does have, it makes good sense to send the tourist to where he can get what he wants.

"The local business people need to know what their neighbors across the county line have to offer. They need to know this part of Illinois so well that they can direct a visitor to exactly what they want, whether it's antiques, catfish dinners or a secluded rock formation," she stresses.

"Before we can promote what we have," Betsy remarks, "we need to know exactly what there is, and where. We've put together a coordinated effort between Shawnee Community College, Shawnee Development Council and the convention and tourism bureau, and we've come up with a comprehensive inventory of the attractions here, and we've put all the information into a computer.

"When somebody calls on our toll-free line and asks what we have in the line of attractions, we can tick off for them just what this beautiful region

has to offer, and we can come up with a listing of hotels motels, restaurants, service facilities, national parks and reserves, and all the other attractions that are so plentiful here."

The organization can direct people to just about everything from antiques (nearly everywhere) to zebras (M&M Exotics, a zoo near Metropolis), and everything in between. The telephone number, incidentally, is 1-800-C-IT-HERE or, for those who don't enjoy squinting at telephone buttons, 1-800-248-4373. Some 45 calls a month come in on the line, Betsy notes.

"Promoting our area is a big job," Betsy says, "and it's an expensive one. We represent seven counties, and there are a lot of counties that have their own tourism bureaus, and lots of good-sized towns have them, too.

"We sell memberships in P.R.I.D.E., and they cost \$100 a year. We list our members in a directory, and they're the ones we refer people to when they call us," she says, adding, "we provide members with a sticker for their business, and send them 'Shawnee Pride,' our quarterly newsletter."

P.R.I.D.E. is also partly supported by various grants. The organization is alert for new funding, which is "leveraged" as much as possible. In fact, most grants require that the counties foot the bill for at least half the cost of a project.

As might be expected, the organization is constantly involved in a variety of projects, all aimed at boosting the area's economy in one way or another.

"We produce a brochure called 'Illinois' Hidden Treasure—Southernmost Illinois', and we have it professionally designed," Betsy says. "We update it annually and print 25,000 to 50,000 a year, depending on how much money we have. We've sent them out to people in all 50 states, and to Canada, Poland, Denmark, Iran, Belgium, Spain and Germany. We got 20,000 requests for the brochure last year, where people called, wrote in or responded to ads that offered a Southernmost Illinois vacation pack.

"We also distributed them at Illinois Welcome Centers, the Illinois Office of Tourism, Illinois Convention and Tourism Bureaus, Illinois Regional Tourism Councils, and at travel and trade shows throughout the U.S. It's a good tool, and we know that a lot of people use it to help with their vacation planning. If we printed 100,000 a year, we could find a home for all of them."

The publications are expensive. Plans are afoot to produce a condensed version for wide distribution at a price that won't break the bank. A smaller lot of complete booklets will be printed to send to the more-solid prospects. "We know a lot of people were just picking them up at welcome centers 'because they were there and free,' and because

(Continued on page 26)



Norm Welker in the telephone co-op's office

Welker is co-op manager of year

Norm Welker's goal is simple. He wants to make sure that rural people have the same modern telephone services that are available in cities and towns.

His success at doing that for members of McDonough Telephone Cooperative has earned him the 1989 Illinois Cooperative Manager of the Year honor. Welker, manager of McDonough Telephone Cooperative, Colchester, since 1984, was nominated for the award for his efforts in guiding his 4,300-member organization through a modernization program throughout its five-county service area. The honor is presented by the Illinois Cooperative Coordinating Committee.

Welker grew up in the Ipava (Fulton County) area, graduating from VIT (Vermont-Ipava-Table Grove) High School in 1956. He has spent virtually his entire working life at MTC, except for time in the military. "After graduating from high school," he says, "I went into the Army, and served in

the Far East Command, at Yokohama, Japan. I worked in communications, and when I got out in 1959, I went to work for the co-op as a lineman."

About a month later, he married Virginia Kingery of Astoria. They have two sons, Brian of Naperville and Bradley of Springfield, and two grandchildren, Kyle and Kailey.

At that time, McDonough Telephone had been in business some seven years. "Arthur Peyton, who was manager of McDonough Power Cooperative, had served as manager of the co-op until March 1956, when Eldon Snowden became manager," Welker says, "and the co-op was still located in the Ashmore Building, next door to McDonough Power, in Macomb.

"When I came here, we were in the process of changing from the old magneto equipment to dial," he says, "and we outgrew that building before long."

After a careful search, the co-op bought a couple of buildings in Colchester, and the business was moved there in 1960. Things progressed steadily from that time, and the co-op installed switching equipment designed to provide members with direct distance service and to streamline billing procedures.

As all this was going on, Welker was working on the various programs, gaining experience he would use later to manage the growing, changing business. In 1984, Snowden retired and the board promoted Welker to the managership, and the long drive to modernization continued. "We want to be able to offer rural people the same level of communications services that people in the cities have," Welker says, "and with that in mind,

McDonough Telephone Cooperative hopes to be in a position to provide cellular telephone services to its members and non-members who need to rely on mobile communications." The co-op also plans to connect all of its exchanges with fiber-optic cable systems so modern communications will be available to all its members.

Early in Welker's tenure, the co-op also made an important move. The building housing the business office since 1960 was proving to be a maintenance headache. It was eventually determined to be structurally unsound. After careful thought, MTC decided to build an entirely new structure, rather than remodeling and making extensive repairs to the existing building. The operation moved into a new building in 1988.

Telephone cooperatives in Illinois

The six telephone cooperatives in Illinois were formed in the early 1950s for essentially the same reason as electric cooperatives.

Then, as now, rural areas were very lightly populated, it was expensive to build lines, and revenue per mile of line was expected to be low. Rural people who wanted telephone service found existing local telephone companies unreceptive to their needs.

Even so, they wanted telephone service and knew it would make their lives better. Many of them had helped organize their electric cooperatives. When the idea of a member-owned system began to take root, it was only natural that they go to their own electric utility for help with their telephone problems.

At first, the co-ops couldn't do much. In 1948, however, Congress amended the Rural Electrification Act, enabling the Rural Electrification Administration (REA) to lend money to telephone co-ops much the way it had lent funds to the electric cooperatives. Soon, rural people were organizing again.

Adams Telephone Co-Operative, Golden, and McDonough Telephone Cooperative, Colchester, began in—and operated from—the local electric co-op offices until they could get out on their own. The "electric" managers also served as "telephone" managers for a time.

Now the half a dozen telephone cooperatives serve some 21,000 members in all or

parts of 24 counties.

Adams Telephone Co-Operative organized in 1952 at Camp Point to serve 950 members. It has 3,800 members in Adams, Brown, Hancock, McDonough, Pike and Schuyler counties. It has since located its headquarters in Golden. Walter Rowland of Camp Point is acting manager.

Egyptian Telephone Cooperative Association, Steeleville, was organized in 1951. It serves nearly 2,500 members in all or parts of Jackson, Perry, Randolph, St. Clair and Washington counties. Clyde E. Bollinger of Red Bud is manager.

Organized in 1953 at McLeansboro, Hamilton County Telephone Co-op serves 2,272 members and is headquartered in Dahlgren. Members live in Hamilton, Jefferson, Franklin, Wayne, White, Saline and Gallatin counties. Tom L. Beltz of Dahlgren is manager.

Mid Century Telephone Cooperative, Canton, was organized in 1950 and serves more than 4,000 members in all or parts of Fulton, Knox, McDonough, Peoria and Stark counties. Clyde Eskridge of Canton is manager.

Wabash Telephone Cooperative, Louisville, was organized in 1952. Under the managership of Gene A. Chiodo, Louisville, it serves some 4,100 members in Clay, Edwards, Effingham, Jasper, Marion, Richland, Wabash and Wayne counties.

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BRIEFLY

News items of interest to members of Illinois electric cooperatives

Southern Illinois Farm Show is March 8-10

This year's Southern Illinois Farm Show should be a good one, notes Ron Medlin, member services director for Southern Illinois Electric Cooperative and coordinator of the event. The show is set for Thursday through Saturday, March 8-10, and will again be held at Rend Lake College, near Ina, between Mt. Vernon and Benton, on the west side of Interstate 57. "The 'nuts and bolts' approach we've used for the last couple of years has been well received," Medlin says, "so we'll use the same format this year. We've booked a lot of exhibit spaces and the requests are still coming in." A seminar series is part of the "nuts and bolts" he adds, and "Let's Talk Combines" is on the agenda for the third straight year. That seminar will deal with adjusting different makes of combines for best results in the field and will again cover the maintenance and repair of different brands. There will be two combined seminar sessions. The first is set for 6:30 p.m. Thursday, and another is set for the same time the following day. Another seminar, "Precision Spraying," will be at 1 p.m. Friday, March 9. As was the case in the past, this year's event has been designed to include a Saturday morning. "It ought to be more convenient for a lot of people," Medlin says, "because while most of those attending the show are farmers, many now work at least part time off the farm, and a Saturday show will enable them to attend, too." The show is sponsored by Southern Illinois University at Carbondale, Rend Lake College, Illinois Farm Electrification Council, Cooperative Extension Service, Illinois Power Co., and seven electric cooperatives in the region: Clinton County, Egyptian, Monroe County, Southern Illinois, Southwestern, Tri-County and Wayne-White Counties. Companies interested in exhibit space should contact Bryce Cramer, exhibits chairman, at Egyptian Electric Cooperative in Murphysboro, (618) 684-2143.

Home satellite dish seen as "like" service to cable

In a year-end report required by Congress, the Federal Communications Commission (FCC) says it has "serious concerns" about the treatment of the home satellite dish market by satellite carriers when compared to the cable industry. The Commission has called for a further inquiry into cable versus home dish program pricing disparities. The report, which examined the existence of discrimination against the home dish market by superstation and network satellite carriers, said that while wholesale pricing of these programming services among home satellite dish distributors was reasonable, the "pricing practices by satellite carriers with cable television systems raises more disturbing questions." "The report is also significant," said Bob Phillips, CEO of the National Rural Telecommunications Cooperative, "because to my knowledge, this is the first time the FCC has indicated that they view reception of programming over the home earth station and by cable as "like" services. We have always believed this to be true and NRTC is extremely gratified to see the FCC recognize that similarity." Phillips, NRTC, and more than 100 of its rural electric and rural telephone system members nationally made significant contributions to the FCC's inquiry as part of the co-op's ongoing efforts to bring fair pricing to the largely rural home dish market. "We have consistently stated that the price disparity between cable and the home dish markets is unjustified and discriminatory to rural Americans who depend on the dish for reception," Phillips stated. "The FCC report reflects our concerns and the concerns of the home dish industry and millions of rural consumers." NRTC is the Washington, D.C.-based telecommunications service organization owned and controlled by more than 550 rural electric and rural telephone systems nationally. It provides products and services for rural consumers and rural utility systems.

Bush nominates California banker for REA chief

Gary Byrne, a 47-year-old California banker, is likely to be the next administrator of the Rural Electrification Administration (REA). President Bush announced his choice of Byrne to head the federal agency—which lends money to the nation's 1,000 consumer-owned rural electric

systems—just before Christmas, more than a year after the resignation of former Administrator Harold Hunter left the job vacant. Bob Bergland, chief spokesman for the nation's rural electric systems, met Byrne last summer and said he found him to be "a very practical, business-minded person." Most important, Bergland says, is Byrne's agreement with other high-level Bush Administration officials that REA should not be eliminated—a goal the Reagan Administration pursued for all of its eight years in power. "He told me straight out he was not considering the job for the purpose of dismantling the agency," Bergland recalls. "He's not a right-wing ideologue." Byrne's appointment is expected to be confirmed by the Senate quickly.

Congress accuses oil companies of price gouging

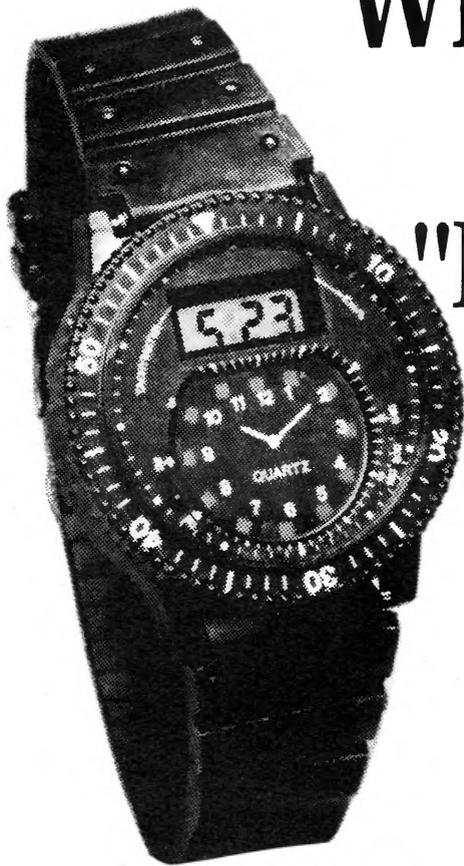
Members of Congress called for a federal investigation of heating oil price increases in December and urged a price rollback if evidence of price gouging is found. During an early January hearing, a House Subcommittee heard complaints from members of Congress who said the oil industry took advantage of consumers during December's cold snap. Oil industry officials have attributed the price surges to several factors, but mainly an increase in demand during the coldest December on record. Energy Department official noted that the increase in demand from November to December was over 1 million barrels of fuel per day, while the December demand of 4.1 million barrels per day was the highest monthly demand since January 1981. But some members of Congress accused oil companies of holding down supplies in order to jack up prices during the cold weather, and said many consumers—particularly those with low incomes—were overburdened with high heating bills. "I think most consumers are reasonable," said Rep. Matthew Rinaldo (R-N.J.), a member of the House Energy and Commerce Subcommittee. "They know December was cold, and they would expect to pay more for their heating oil because they were using more. But they don't want to get bilked and it's our obligation to see they don't."

Indoor pollution tops list of health risks

Radon, indoor air pollution and pesticide residues on food are the environmental hazards posing the greatest health risk, but the government spends the least amount of money on those problems, according to an Environmental Protection Agency (EPA) study. The study compared the risks of about 20 different environmental problems. It concluded that toxic waste dumps and leaking underground gasoline storage tanks present relatively low health risk, but receive the lion's share of money and attention from the EPA. The study, "Comparing Risks and Setting Environmental Priorities," said the "mismatch between the risks posed by various problems and the money spent on them were attributable to public opinion and the "controllability" of some hazards. "EPA's priorities are determined far more by public opinion and its embodiment in statutes than by risk," the study said. "For various reasons, indoor air pollution, radon and pesticide residues—until very recently—have not aroused the public consciousness."

Cold snap freezes crops, strains electricity supply

The Christmas freeze that plagued much of the country caused severe damage to fruit and vegetable crops in Texas and Florida, and left thousands of people without lights or heat for periods of up to several hours. The savage cold wave wiped out Texas's carrot crop and hurt all the major winter vegetable crops, including broccoli, cauliflower, celery, sweet corn, lettuce and tomatoes. Florida's oranges and grapefruits were frozen, severely reducing the amount of juice that will be produced this winter. The result is higher prices at the grocery store. Growers had to double and triple the price of vegetables and warned consumers either to give up fresh produce for a while or else brace themselves for price hikes. Cold-plagued utilities burdened by a huge demand for heat and electricity ordered voltage reductions and appealed to consumers to conserve. Some even asked customers to turn off their Christmas lights in an effort to save energy for heat. The extreme cold snap sent temperature plunging in much of the nation and set new record lows in 30 states. The bitter cold dropped temperatures below freezing in even typically warm Southern states. In Texas, there were power outages. And Texas utilities for the first time were forced to institute rolling blackouts—during which electricity is shut off for several minutes in one section of the utility's service area and then restored as power is stopped in another area. Florida instituted rolling blackouts for the first time since 1983. North Carolina utilities asked customers to turn down their thermostats and use hot water sparingly. The stress on home heating systems also caused an increase in breakdowns and repair calls. Even gasoline prices in Britain were increased because the severe cold weather in the United States tightened the international petroleum market.



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Since zoysia lawns resist insects AND diseases, you avoid the risk of exposing your family or pets to weedkillers and pesticide poisons. Plug in Amazoy and save the money, avoid the risks!

4 NO NEED TO DIG UP OLD GRASS

Plant Amazoy in old lawn, new ground, whatever. Set plugs into holes in the soil 1 foot apart, checkerboard style. Plugs spread to drive out old, unwanted growth, weeds included. Easy instructions included. If you can put a cork into a bottle, you can plug in Amazoy.

5 ENDLESS SUPPLY OF PLUG TRANSPLANTS

Transplant plugs from established Amazoy as you desire—plugged areas grow over to provide all the plugs you will ever need.

FREE! Patented Step-on Plugger with orders of 600 plugs or more.

Starting your lawn is easy with this sturdy, 2-way plugger. Cuts away unwanted growth as it digs holes for plugs. Saves bending, time, work. Invaluable transplant tool.

© Zoysia Farm Nurseries, 1990
3617 Old Taneytown Rd., Taneytown, MD 21787

6 CHOKES OUT CRABGRASS AND WEEDS ALL SUMMER

Your established Amazoy lawn grows so thick and deep-rooted, the grass simply stops crabgrass and summer weed seeds from germinating.



Amazoy lawns resist wear and tear—look great after cookouts or kids and pets romp on them.

7 IT STAYS GREEN IN SPITE OF HEAT AND DROUGHT

"The hotter it gets, the better it grows!" We say that proudly about Amazoy. Our plug-in zoysia thrives in blistering heat. Yet it won't winter kill to 30 below zero. It just goes off its green color after killing frosts, begins regaining its green color as temps. in the spring are consistently warm. Of course, this varies with climate.



FREE! Up To 900 PLUGS If You Order NOW!

Every Plug GUARANTEED TO GROW IN YOUR SOIL

No ifs, Ands Or Buts!

Read a guarantee no grass seed can match!

Won't Winter Kill. Amazoy has survived temperatures to 30 below zero!

Won't Heat Kill. When other grasses burn out in summer drought and heat, Amazoy remains luxuriously green.

Any plug failing to grow in 45 days will be replaced FREE! To insure maximum freshness and viability, plugs are shipped not cut all the way through. Before planting, finish the separation with shears or knife. Our guarantee and planting method are your assurance of lawn success backed by more than three decades of specialized lawn experience!

Meyer Z-52 Zoysia Grass was perfected by U.S. Govt., released in cooperation with U.S. Golf Association as a superior grass.

Order guaranteed Amazoy now, get your bonus plugs FREE. Your order will be delivered at earliest correct time for planting in your area.

We ship all orders the same day plugs are packed, shipping and handling charges collect via most reliable means. For credit card orders shipping and handling costs will be added to your account.

TO: Zoysia Farm Nurseries, Dept. 671
General Offices & Store
3617 Old Taneytown Road
Taneytown, MD 21787

Please send me guaranteed Amazoy as checked below:

<input type="checkbox"/> 100 PLUGS Plus 20 FREE	<input type="checkbox"/> 100 PLUGS Plus 30 FREE with Plugger	<input type="checkbox"/> 300 PLUGS Plus 60 FREE	<input type="checkbox"/> 300 PLUGS Plus 90 FREE with plugger
\$595 Total 120 Plugs	\$995 Total 130 Plugs Plus Plugger	\$1295 Total 360 Plugs	\$1695 Total 390 Plugs Plus Plugger
<input type="checkbox"/> 600 PLUGS Plus 180 FREE with FREE Plugger	<input type="checkbox"/> 1500 PLUGS Plus 450 FREE with FREE Plugger	SPECIAL OFFER! <input type="checkbox"/> 3000 PLUGS Plus 900 FREE with FREE Plugger	
\$2595 Total 780 Plugs Plus Plugger	\$4995 Total 1950 Plugs Plus Plugger	\$6995 Total 3900 Plugs Plus Plugger	

Additional Plugger **\$695** Md. residents add 5% sales tax.

I Enclose \$ _____ Check M.O.

Charge credit card VISA MasterCard

Acct. # _____

Expiration Date _____

Signature _____

NAME _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

More than 3 decades of experience

MISSING



JENNIFER CHIA

LAST SEEN: 10/18/89 EYES: Brown
 FROM: Reno, NV HEIGHT: 3'6"
 DOB: 01/22/83 WEIGHT: 60
 ASIAN FEMALE HAIR: Black



CHARLES CHIA

LAST SEEN: 10/18/89 EYES: Brown
 FROM: Reno, NV HEIGHT: 4'6"
 DOB: 05/19/81 WEIGHT: 85
 ASIAN 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-

Instruct your child's school to notify you immediately if your child is absent. Inform the principal who is authorized to pick your child up from school. Try to have the same person every day.

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

1-800-222-1464

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!

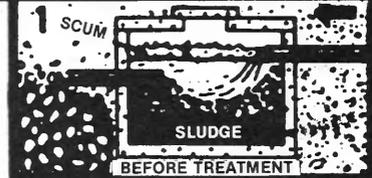
HOW SEPTIPRO® WORKS TO SAVE YOUR DYING SYSTEM! It goes to work immediately with 3 Safe Potent Enzymes and Bacteria supplement that works with your good bacteria to break down and digest fats, greases, starches, and all organic waste materials including paper and cotton fibers. It converts and liquifies 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.

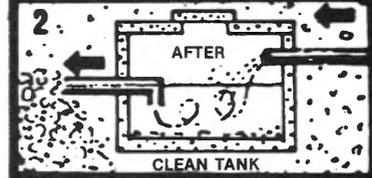
SAFE AND EASY TO USE! Just pour SEPTIPRO® into your commode, let it work! Results usually visible overnight! Non-toxic, Poisonous or Corrosive. Harmless to Humans, Animals or Plumbing. Will make your system odor-free. SEPTIPRO® IS GUARANTEED TO KEEP YOUR SEPTIC SYSTEM TROUBLE FREE OR WE WILL REFUND EVERY PENNY YOU PAID FOR YOUR SEPTIPRO®. 1 lb. for Initial treatment of 1000 gal. tank or for maintenance ¼ pound once a month.

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 my money back.

YOU DON'T RISK A PENNY!
Order Now! Money Back Guarantee!
SAVE ON LARGER SIZES



SOLID WASTE CLOGS PIPES, TANK & DRAINFIELD



SOLIDS DIGESTED AND LIQUIFIED NOW ABSORBED IN OPENED DRAINFIELDS

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P.O. Box 9099, Rochester, Minnesota 55903

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| <input type="checkbox"/> 1 lb. \$ 9.95 plus \$2.00 P & H total \$11.95 | Check <input type="checkbox"/> |
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| <input type="checkbox"/> 4 lbs. \$23.30 plus \$3.50 P & H total \$26.80 | MasterCard <input type="checkbox"/> |
| <input type="checkbox"/> 8 lbs. \$38.50 plus \$4.00 P & H total \$42.50 | Visa <input type="checkbox"/> |

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City _____ State _____ Zip _____

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ENJOY COUNTRY LIVING AT ITS FINEST FROM A HOME OF YOUR OWN, INC.

When you step into your completed home you will be proud to know that you have the highest quality home at the lowest possible price. We buy only the best materials like triple glazed windows and superior quality lumber direct from the manufacturers. This assures the best possible buy on the best available materials. Energy efficiency takes on a new meaning when you are talking about one of our new homes. Extra attic insulation and thicker walls, than in years gone by, give you maximum protection and comfort in the cold winter months. Don't delay . . . write today! The book of plans is free. You have nothing to lose by looking for a new home of your own.

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| <input type="checkbox"/> Send free plans and information | <input type="checkbox"/> Energy Efficiency Package information |
| <input type="checkbox"/> Please have a representative contact me | <input type="checkbox"/> Send information on discounts |
| <input type="checkbox"/> I plan on building a home | |

Name _____

Address _____ Phone () _____

City/State _____ Zip _____

"A HOME OF YOUR OWN" INC. Box 158 WELLS, MN 56097

Solar orientation

This is one in a series of consumer-oriented articles relating to home energy use. The articles are prepared in coordination with the Association of Illinois Electric Cooperatives Member Services/Power Use Section, which is made up of staff personnel of the state's electric cooperatives who are directly involved in consumer energy efficiency activities.

Planning a new home? If so, you may want to consider building designs that can drastically reduce the heating and cooling energy requirements for your home. To significantly increase the energy efficiency of a new house requires a total or combined effort to reduce air infiltration, reduce heat transmission through materials, reduce summer heat gain through windows, and take advantage of solar heat gain in the winter. Building size, geometric configuration and orientation on the lot affect the energy efficiency of a new home considerably. In other words, it takes a tightly built house that is super-insulated and solar-oriented to achieve maximum energy efficiency.

Use the sun

All new homes should be designed to take advantage of solar orientation. In this climate, good solar orientation means placing a structure on a building site so that most

of its windows (perhaps as much as 80 percent) face south where they can pick up a maximum amount of solar heat in the winter. Proper shading prevents too much heat pick-up in the summer. Large glass areas also allow more daylight to enter activity areas and create a feeling of spaciousness.

An overhang, cornice or projecting eaves can be provided over a south window to shade the glass in the summer, and allow the sunlight to enter during winter months. (See figure) The awning is a familiar form of summer sun control.

Generally speaking, the angle of the sun above the horizon at noon is about 30 degrees in the winter and 60 degrees in the summer for latitudes near 40 degrees north. On this basis, the roof overhang is designed so that the windows are completely exposed to sunlight on December 21 and completely shaded on June 21. Select at least a double-glazed or, preferably, a triple-glazed window.

If single-glazed windows are used, any gains in heat from the sunlight will be offset by excessive heat loss through the glass, particularly at night.

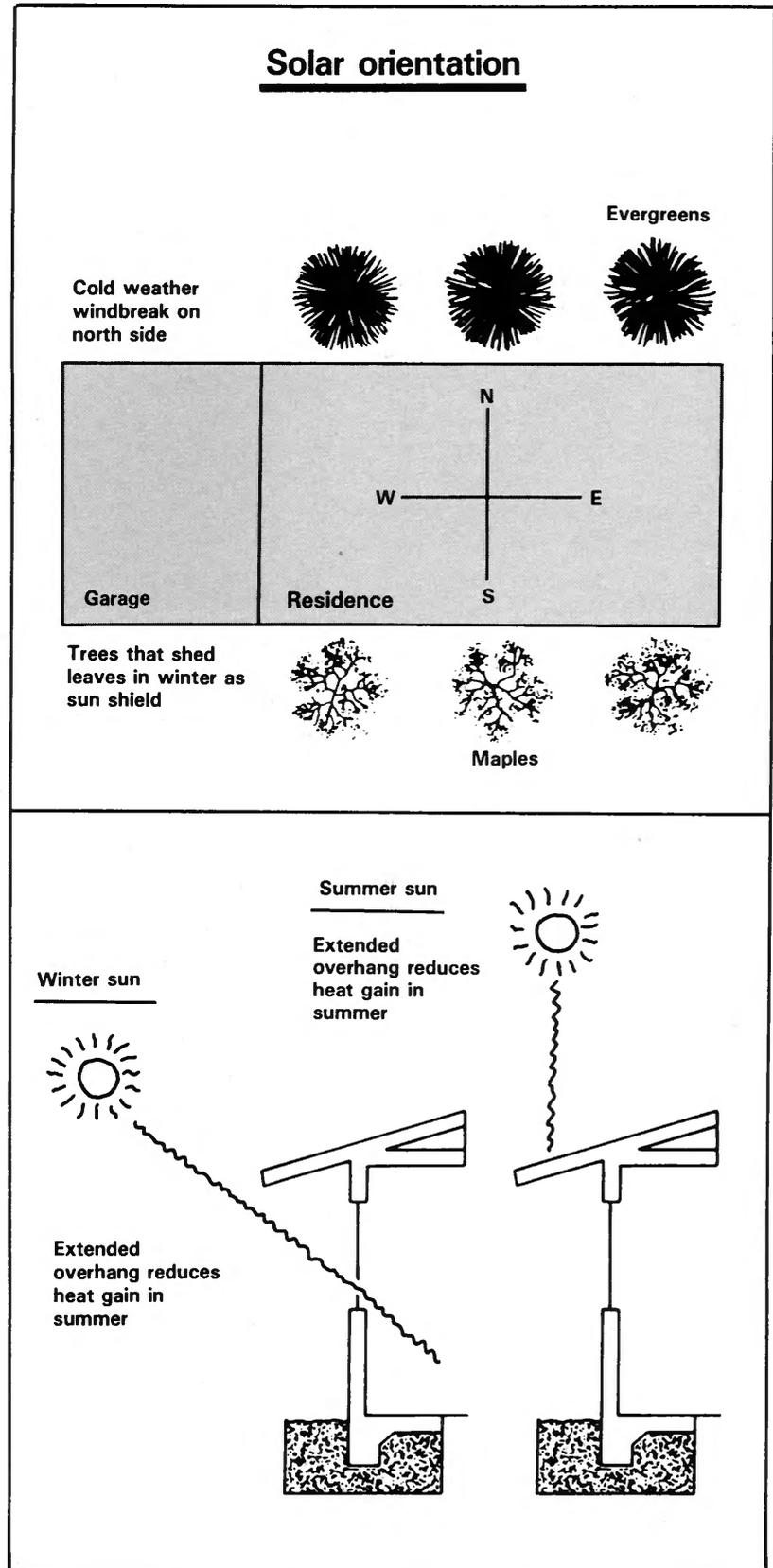
Can sunlight on east or west windows be controlled by orientation? The answer is no. In winter the sun rises late in the southeast and sets early in the southwest and, therefore, very little sunlight enters east and west windows.

In summer the sun rises early in the northeast and sets late in the northwest. Due to the sun's angle in the morning and evening, a large amount of sunlight strikes the east and west walls. And, it is very difficult to shade east and west windows, which results in higher cooling costs. For these reasons, windows on the north (little sunlight available), east and west should be eliminated where possible, or at least be reduced in size to reduce your operating costs.

Other methods include stacking your home (two-story) in lieu of spreading it out (single-story) to reduce exposed surface area. Locate the garage on the northwest or west side of the home to reduce the effect of cold westerly winds in the winter and hot afternoon sunlight in the summer. Keep as much of the basement below ground as possible and design walkouts for southern exposure.

Solar orientation usually adds very little to the cost of a house, and most houses can be oriented without regard to the location of the front or side street in relation to the house.

After a house is constructed, neither its orientation nor its wall thickness can be economically altered. Therefore, superinsulation and solar orientation must be planned before construction begins, in order to achieve maximum energy efficiency.





Paul Akers, administrator of Mercy Medical Airlift, shows off the Piper Seneca III plane used by the flying service. A pilot, support pilot and nurse are part of each flight.

Medical airlift

There's a new flying service operating out of the Lawrenceville (Lawrence County) Airport, but it's not a scheduled airline. In fact, its schedule is erratic.

It's an air ambulance service called Mercy Medical Airlift, and several of the people involved are members of Norris Electric Cooperative.

The organization describes itself as "A non-profit, Christian organization of professional volunteers providing medical assistance air transportation to people in need."

The service is the brainchild of David Boyd, who spent 20 years in the Air Force.

After retiring, Boyd looked for a job teaching flying. He sent out several applications, and the offer that combined the best job and most

desirable place to live came from Vincennes University in Vincennes, Indiana.

He took a job there as an associate professor of aviation flight, but he wanted to find some way to combine his flying and religion. As a starter, he began a mini-service, taking a Hutsonville minister to frequent speaking engagements in Decatur.

The idea of a "flying ambulance service" began to take root. It would serve those people who had no money and no insurance and who could not otherwise afford the service.

"We decided to keep as much voluntary as possible," says Paul Akers, administrator, "and we looked for good, well-qualified pilots, with commercial/instrument and multi-engine ratings and at least 1,000 hours of total flying time. Every flight includes a support pilot and a nurse, too."

The service is built around a Piper Seneca III twin-engine aircraft, which cruises at 185 mph. Although it's unpressurized, it is equipped with oxygen, suction and basic life support. It is not, Akers emphasizes, intended to serve as a "flying emergency room," or trauma center. It is equipped to transport stable patients who, for whatever reason, need transportation.

"We flew a man up from Texas not long ago," Akers says, "because he was disabled and his children wanted to bring him home to care for him, rather than committing him to a nursing home. He didn't have any insurance, and a commercial air ambulance service would have charged \$7,000. That's what Mercy Medical Airlift is all about—providing a badly needed service to people who couldn't otherwise afford it. We can do that because we have a lot of volunteer help, and we manage to get enough donations of one kind or another to get the job done."

TANKS FOR



When the wintry wind starts blowing and the mercury drops below zero, you don't want to worry about household fuel tanks and unpredictable fuel prices.

If your home is heated with clean, safe, efficient electricity, there are:

- **No fuel tanks to fill.**
- **No fuel costs that jump as a cold spell hits.**
- **No fumes, No flames!**

What you DO have is the cozy, uniform comfort of a warm house. If you're thinking about changing your heating and cooling system, or selecting a system for a new house, remember that. Contact your electric cooperative for details on the electric solution.



Electric Cooperatives of Illinois

Good for ALL Illinois

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.

IT'S ALMOST LIKE GROWING INSTANT SHADE

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.

WE HAVE AT THIS MOMENT ONLY A LIMITED SUPPLY AVAILABLE FOR RELEASE TO THE PUBLIC... FULL SUPPLY WON'T BE READY UNTIL LATE 1990 SO ACT NOW!

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 1990 or early 1991. Therefore, all orders must be shipped on a first-come, first-shipped basis. To make sure you don't miss out... ACT NOW!

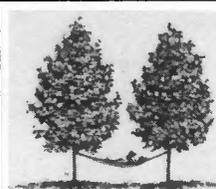
SATISFACTION GUARANTEED OR MONEY BACK!

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!



Grows More in One Month Than Most Other Shade Trees Grow in An Entire Year—More in One Season Than Ordinary Shade Trees Grow in 2 Years, 3 Years or Even 5 Years! (Illustration shows magnificent size, spread and beauty of mature Populus hybrid-fam. Salicaceae.)

JUST MINUTES TO PLANT—REWARDS YOU WITH A LIFETIME OF BEAUTY!



Here's a luxurious sight you don't have to wait half a lifetime growing—a matched pair of these towering show-pieces.



Picture your patio bathed in the cool beauty of this show-stopping miracle tree from early spring to the first snows of winter.



Just a few minutes planting time—a few seasons' growing time, rewards you with twin towers of beauty.

© 1990 Gardeners' Choice™ General Offices: P.O. Box 237, Hartford, MI 49057

MAIL NO-RISK COUPON TODAY

Gardeners' Choice®, P.O. Box 237, Dept. SA50-EL County Rd. 687, Hartford, MI 49057

Yes, please send me for proper planting time in my area the SUPER GROWING HYBRID(S) indicated below:

- (#001) 1 for only \$3.95 plus 75¢ postage and handling.
- (#002) 2 for only \$6.95 (SAVE OVER \$1.00) plus \$1.00 postage and handling.
- (#004) 4 for only \$10.00 (SAVE OVER \$7.00) plus \$1.50 postage and handling.
- (#010) 10 for only \$20.00 (SAVE OVER \$20.00) plus \$3.00 postage and handling.
- (#020) 20 for only \$30.00 (SAVE OVER \$55.00) plus \$5.00 postage and handling.

If after receiving my order I am not fully delighted, I may return anytime within 90 days and you will refund my purchase price in full (less postage and handling, of course).

Total amount enclosed \$ _____ CA, NY, MI, residents please add sales tax. No. C.O.D.'s please.

Name _____
Address _____
City _____ State _____ Zip _____

DESIGNER



Separates you'll resort to time and time again. Whether you're going out or staying at home, this three-piece pants outfit is the perfect choice. Easy fitting shell and elastic waist pants are topped by a three-quarter length tunic coat. Shell, pants and coat each have two main pattern pieces and all are very easy to sew.

Designer Pattern 4206 is available in Misses' Sizes S(8-10), M(12-14), L(16-18), XL(20-22) included in pattern.

OFFER GOOD THROUGH MAY 31, 1990

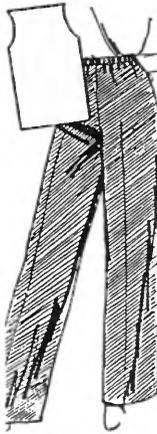
ON THE MOVE

For non-stop days

5666: Shirt tales. Shawl collar gives shirtwaist fresh appeal. Dress has elastic waist and two sleeve tie-tops. Misses' Size (adjustable for petites). State H(6-8-10-12) or RR(14-16-18-20) when ordering.

4016: Casual chic. Cuff detail gives cape a cool look. Misses' Sizes S(8-10), M(12-14), L(16-18), XL(20-22) are included in pattern.

OFFER GOOD THRU MAY 31, 1990.



4176: Only one main pattern piece for pull-on pants, no side seams. Women's Waist Sizes 30" to 46". Sizes S(30-32), M(34-36), L(38-41), XL(43-46) are included in pattern.

OFFER GOOD THROUGH MAY 31, 1990



5663: For the younger set. Charming and practical zip-front jumper tops button-front blouse with peter pan collar. Sizes 3 to 10 years are included in pattern.

OFFER GOOD THROUGH MAY 31, 1990

SPIRITED SEPARATES

Value packed pattern

5665: Classic partners. Put-together polish you can count on for career and casual wear. Jacket, pants and flared skirt are timeless. Misses' Sizes 8 to 18 are included in pattern.

5587: Top priorities. Five different looks: two vests, two jackets and cardigan for KNITS ONLY. Overlock instructions. Misses' Sizes: State N(10-12-14) or U(16-18-20) when ordering.

OFFER GOOD THRU MAY 31, 1990.

CRAFT CORNER



5048: Crunchy crocheted cobles and popcorns give a choice of Designer Aran looks. Directions for two cordings and coordinating roband. Use wanted. Sizes 34 to 46.

OFFER GOOD THROUGH MAY 31, 1990

POTHOLDER = CADDY



5127: Accent your kitchen with this novelty potholder set. Sunbonnet girl hanger with adorable, ruffled skirt that transform into the perfect potholder, creating a charming country ambience. Pattern includes directions and transfers for hanger and potholder.

OFFER GOOD THROUGH MAY 31, 1990

YOU ARE CORDIALLY INVITED TO —

When the occasion calls for something special.

5664: Soft and shapely. Dress has midriff insert with optional soutache trim and full or straight skirt. Misses' Sizes (STRETCH KNITS ONLY). State N(10-12-14) or R(14-16-18) when ordering.

4021: Double drape interest adds drama to this seasonless style. You'll be dressed to impress in sleeveless, short or three quarter sleeves. Misses' Sizes 8 to 18.

OFFER GOOD THRU MAY 31, 1990.

CRAFT CORNER



5129: Country Bunnies! Create this cuddly couple complete with original costumes. Ideal home accent or gift/bazaar items. Printed pattern, directions for 24" bunnies and clothes included.

5104: Share your spirit through crafts that reflect your faith. Fiat crocheted edging package provides a special home decoration or a perfect pastoral gift. Directions, charts included.

OFFER GOOD THROUGH MAY 31, 1990

PATTERNS

TO: PATTERNS
Illinois Rural Electric News
P.O. Box 3787
Springfield, Ill. 62708

I have enclosed \$ _____ (\$4.00 per pattern — cash, check or money order accepted) for the following patterns (please allow four weeks for delivery):

Print Name _____

Pattern No. _____ Size _____ Pattern No. _____ Size _____

Address _____

City _____

State _____ Zip _____

Kitchen potpourri

JEAN'S PEPPER STEAK

- | | |
|----------------------|--------------------------|
| 1½ lbs. round steak | 2 peppers cut in strips |
| 1 tablespoon paprika | 1 can tomatoes |
| 2 cloves garlic | 2 beef bouillon cubes |
| ¼ cup white wine | 8 oz. can mushrooms |
| 2 tablespoons oil | 2 tablespoons soy sauce |
| 1 cup chopped onion | 2 tablespoons cornstarch |

Cut steak into thin strips and marinate in paprika, garlic, wine and oil for about 15 minutes. In a large pan brown steak, reserving marinade. Add onion and strips of pepper. Cook until wilted. Add tomatoes, bouillon cubes, mushrooms, soy sauce and simmer 15 minutes. Add remaining marinade and corn starch. Heat until thickened. Serve over rice.

ENCHILADAS

- | | |
|------------------------------------|----------------------------------|
| 12 small flour tortillas | 2 small onions, chopped |
| 1 pkg. McCormick enchilada sauce | salt and pepper to taste |
| mix prepared as directions on pkg. | ¼ cup black ripe olives, chopped |
| 2½ lbs. ground chuck | ¼ cup Parmesan cheese, grated |
- Brown onions in small amount of grease. Add ground beef and brown. Add salt and pepper and simmer for 30 minutes. Just before filling tortillas add olives and cheese.

Topping:

- | | |
|--|----------------------------------|
| 1 cup green onions, chopped | 1 cup black ripe olives, chopped |
| 1½ cups shredded longhorn style colby cheese | |

Fill tortillas just before serving and let everyone put their own topping on. For hotter sauce add ¼ to ½ teaspoon chili powder.

SWEET POTATO CASSEROLE

- | | |
|-----------------------------|-------------------------|
| 2 large cans sweet potatoes | ¼ cup orange juice |
| ½ lb. brown sugar | Marshmallow for topping |
| ¼ stick oleo, melted | |

Mash everything together. Grease casserole dish or 8" x 8" square pan. Heat 30 minutes in a 350 degree oven. Top with marshmallows. Return to oven until brown.

COCKTAIL MEAT BALLS

- | | |
|---|---|
| 1½ lbs. ground beef | ½ cup chopped onion |
| 1 cup poultry stuffing | 2 eggs |
| 1 jar chili sauce | 1 cup wine (red, port or sherry cooking wine) |
| 1 jar currant jelly (apple can be used) | |

Simmer about 1 hour. Serve warm.



ZUCCHINI-TOMATO PIZZA

- | | |
|---------------------------------|---|
| 1 tablespoon vegetable oil | ¼ teaspoon onion salt |
| 1½ cups thinly sliced zucchini | ½ teaspoon pepper |
| ½ cup chopped onion | 2 cups biscuit mix |
| 3 medium tomatoes, chopped | ½ cup cold water |
| 1 teaspoon dried oregano leaves | 2 cups shredded mozzarella cheese (about 8 oz.) |
| ½ teaspoon salt | ¼ cup grated Parmesan cheese |
| ½ teaspoon dried basil leaves | |
| ¼ teaspoon garlic salt | |

Heat oil in 10-inch skillet over medium-high heat until hot. Add zucchini, onion and tomatoes. Cook and stir until heated through, about 3 minutes; drain. Stir in seasonings; reserve. Mix biscuit mix and water until soft dough forms. Pat dough with hands dipped in baking mix into 12-inch circle on ungreased cookie sheet; pinch edges, forming ½-inch rim. Sprinkle with 1 cup of the mozzarella cheese and the Parmesan cheese. Top with zucchini-tomato mixture and the remaining mozzarella cheese. Bake until crust is golden, 20 to 25 minutes, at 400 degrees.

STRAWBERRY JELLO SALAD

- | | |
|-------------------------------------|-------------------------|
| 2 pkgs. strawberry jello | 2 crushed bananas |
| 2 cups boiling water | 1 can crushed pineapple |
| 2 pkgs. frozen strawberries (small) | ½ pt. sour cream |
- Mix ingredients except for cream. Pour ½ mixture in flat pyrex pan and congeal until firm. Spread sour cream over surface and pour remaining mixture over cream. Chill.

NUT BREAD

- | | |
|---------------|-----------------------------|
| 1 egg, beaten | 2 tablespoons baking powder |
| 1 cup sugar | 1 teaspoon salt |
| 1 cup milk | 1 cup chopped nuts |
| 3 cups flour | |

Stir well the egg, sugar and milk. Sift together flour, baking powder and salt. Add to mixture. Add nuts and stir well. Pour into greased loaf pan. LET STAND 30 minutes. Bake 1 hour at 350 degrees. When cool wrap in foil and store in refrigerator.

COOKIE BARS

- | | |
|--------------------------|--------------------|
| 23 to 26 graham crackers | 1 teaspoon vanilla |
| 1 cup brown sugar | 1 cup chopped nuts |
| 2 sticks oleo | |

Grease cookie sheet. Lay out graham crackers until bottom of pan is covered and crackers touch. Boil brown sugar, oleo and vanilla for 2 minutes. Add nuts and spoon over crackers evenly. Bake for 10 minutes at 350 degrees. Cut while warm.

WET BOTTOM SHOOFLY PIE (2 pies)

- | | |
|-------------------|-------------------------------|
| Crumb topping: | |
| 4 cups flour | ½ teaspoon each salt, nutmeg, |
| 1 cup brown sugar | cinnamon, ginger, cloves |
| | ½ cup shortening, not butter |

Syrup filling:

- | | |
|-----------------|--------------------------------------|
| 1 cup molasses | 1 teaspoon baking soda, dissolved in |
| 1 cup hot water | hot water |
| | 3 eggs |

Combine crumb topping ingredients together and set aside. Have 2 9-inch pie shells (unbaked) ready. Combine syrup ingredients and allow to cool. Pour syrup equally into 2 crusts. Sprinkle crumb topping mixture over top of syrup equally. Bake 70 minutes in 360 degree oven.

CRANBERRY BREAD

- | | |
|---------------------------|---------------------------------|
| ¼ cup melted oleo | 1 teaspoon salt |
| 2 cups sugar | 4 cups flour |
| 2 eggs, beaten | 1 cup orange juice |
| 1 teaspoon baking soda | 2 cups sliced fresh cranberries |
| 3 teaspoons baking powder | ½ cup chopped nuts |

Mix in above order. Bake in 2 greased and floured loaf pans for 1 hour at 350 degrees. Wrap in foil. Store in refrigerator.

CHEESECAKE

- | | |
|--------------------------------|-------------------------------------|
| CRUST | |
| 1 cup sifted all-purpose flour | ½ teaspoon vanilla extract |
| (sift before measuring) | 1 egg yolk |
| ¼ cup sugar | ¼ cup butter or margarine, softened |
| 1 teaspoon grated lemon peel | |

FILLING

- | | |
|---|---------------------------------|
| 5 pkgs. (8-oz. size) cream cheese, softened | 1½ teaspoons grated orange peel |
| 1¾ cups sugar | ¼ teaspoon vanilla extract |
| 3 tablespoons flour | 5 eggs, plus 2 egg yolks |
| 2 teaspoons lemon peel, grated | ¼ cup heavy cream |

PINEAPPLE GLAZE

- | | |
|--|---------------------------|
| 2 tablespoons sugar | 2 tablespoons lemon juice |
| 4 teaspoons cornstarch | 2 drops yellow food color |
| 2 cans (8¼-oz. size) crushed pineapple in heavy syrup, undrained | |

Preheat oven to 400 degrees. Grease inside of 9-inch springform pan (3 inches high). Remove side. Make crust: In medium bowl, combine flour, sugar, lemon peel and vanilla. Make well in center; with fork, blend in yolk and butter. Mix with fingertips until smooth. On bottom of pan, form half of dough into ball. Place waxed paper on top; roll pastry to edge of pan. Remove paper. Bake 6 to 8 minutes, or until golden. Cool. Meanwhile, divide rest of dough into three parts. Cut six strips of waxed paper, 3 inches wide. On dampened surface, between waxed-paper strips, roll each part 2¼ inches wide and 9 inches long. Assemble springform pan with crust on bottom. Line inside of pan with pastry strips, overlapping ends. Remove waxed-paper strips. Preheat oven to 500 degrees. Filling: in large mixer bowl, blend cheese, sugar, flour, peels and vanilla at high speed. Beat in eggs and yolks, one at a time; beat until smooth, occasionally scraping bowl with spatula. Beat in cream. Pour into pan. Bake 10 minutes. Lower oven to 250 degrees. Bake 1 hour longer. Remove to rack to cool for 2 hours. Make glaze: In small saucepan, combine sugar and cornstarch. Stir in remaining ingredients. Over medium heat, bring to boiling, stirring; boil 1 minute, or until thickened and translucent. Cool. Spread surface of cheesecake with glaze; refrigerate until well chilled—3 hours or overnight. To serve: Loosen pastry from side of pan with spatula. Remove side of springform pan, not the bottom. Garnish with sliced strawberries. Cut into wedges. Serves 16.

HAMBURGER PIE

- 1 lb. ground beef
- 2 tablespoons bacon drippings
- 1 can red kidney beans, undrained
- 1 cup tomatoes
- 1 teaspoon salt
- 2 tablespoons catsup
- 1 tablespoon steak sauce
- 1 pkg. cornbread mix

Brown meat in bacon drippings. Add beans, tomatoes, salt, catsup, and steak sauce. Pour mixture in an ungreased baking dish. Mix cornbread as directed on package. Place cornbread mixture in rounds on top of contents in baking dish. Bake at 350 degrees until cornbread is brown.

CHICKEN A LA KING

- 1 cup sliced mushrooms
- 1/4 cup green pepper, chopped
- 1/4 cup margarine
- 3 tablespoons flour
- 2 cups milk
- Salt and pepper
- 1 beaten egg yolk
- 2 tablespoons pimiento
- 2 1/2 cups diced, cooked chicken
- Rice Ring

Lightly brown mushrooms and green pepper in margarine; add flour; blend; add milk, seasonings, and cook until thick, stirring constantly. Stir some of the hot mixture into egg yolk. Add this to remaining hot mixture. Cook a minute or two, stirring constantly. Add chicken and pimiento. Serve over rice ring.

JAM CAKE

- 6 eggs
- 2 cups sugar
- 1 cup butter
- 1 cup buttermilk with 1/2 teaspoon soda mixed into it
- 1 cup blackberry jam
- 3 cups flour
- 1 teaspoon allspice
- 1 teaspoon cloves
- 1 teaspoon vanilla
- 1 teaspoon baking powder
- 1/2 teaspoon salt

Cream together sugar and butter. Add beaten eggs and jam. Sift together flour, baking powder, salt and spices and add alternately with buttermilk and soda mixture. Add vanilla. Bake in 3 greased and floured cake pans at 400 degrees. Cool and frost with following filling.

FILLING

- 3 cups sugar
- 1/2 cup butter
- 1 cup milk
- 6 tablespoons corn syrup
- 1 cup raisins
- 1 cup nuts
- 1 teaspoon vanilla
- 1/4 teaspoon salt

Cook sugar, butter, corn syrup, salt and milk until soft ball stage. Cool. Add vanilla and beat until thick. Add raisins and nuts. I prefer bleached raisins and at Christmas time I also add chopped glazed cherries to make an attractive holiday cake.

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A Living Trust has been praised by our nation's leading financial planners, and reported in publications such as The Wall Street Journal, Money Magazine, Business Week and others because:

- It eliminates the costly and lengthy probate process. The estate goes directly to your heirs without going through the courts.
- It eliminates the need for an attorney and legal fees that cut your estate. Does away with all court costs, too.
- It gives you complete control of your estate to make sure that all your wishes are carried out.
- A living trust is revocable, which means that you can change your mind at any time about who is going to receive your assets.
- It gives you the right in most cases to name yourself as a trustee, and your spouse or someone else as a co-trustee. Plus the right to change trustees at any time.
- If you own out of state real estate, like a vacation house or cabin, you can save a bundle by avoiding the need for probate in a second state.
- Unlike a Will where your finances

and everything you own is a matter of public record for anyone to see. A Living Trust is secret.

The Wall Street Journal reported: "The advantages of living trust over wills are considerable. The process is much quicker, cheaper and more private than settling a will ... average probate takes two years to complete in California."

And Business Week WARNS: "... even the most carefully executed wills can leave your heirs and potential heirs fighting over your estate. That's one reason more people are opting for an alternative: the revocable Living Trust."

You must never forget that a Will must be probated and the fees for the probate lawyer and executor -- not including court fees and taxes -- range from 6% to 10% and are paid before any of your heirs receive their inheritance. That can take a big chunk out of even the smallest estate when attorneys charge anywhere from \$60.00 to \$150.00 an hour or more!

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- Quiler left a \$61,581.32 estate to his son. The son had "Dad's Attorney" sell the family home and handle probate. The cost? The attorney pocketed \$3,895 in direct fees and paid thousands of dollars in expenses. When he got through the estate had shrunk by over \$20,000.00!
- Karl Dock didn't have much to leave his four children at his death. After the cost of settling final expenses, guess what? Probate left Karl's estate flat broke.
- R.L. Roberstone thought his will would get his \$158,000 estate safely to his heirs. He didn't know his attorney would get almost \$6,500.00 for services and that thousands more would vanish through probate.

The pity of it all is that these people could have avoided having large bites taken out of their hard-earned property by using a Living Trust. They could have passed every cent to their loved ones without paying for probate or squandering money on lawyers.

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... on a percentage basis Living Trusts save more on small estates than large ones!

And you can save even more because we have shown tens of thousands of people just like you how to do it themselves. It's simple.

The DSA Living Trust Kit was developed after much research with a team of legal scholars and practicing attorneys. It explains in easy-to-understand language how to set up your own Living Trust.

DSA's in-depth Trust Kit shows you how to prepare and file your own Living Trust. Complete step-by-step forms guide you to custom-tailor a legal trust to meet your special personal needs.

- Titles to your real estate, automobiles, boats, stocks, etc. are all safeguarded in your Trust.

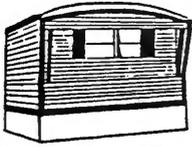
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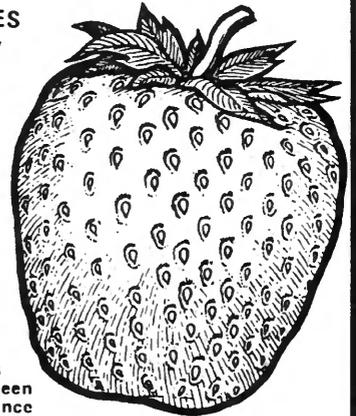
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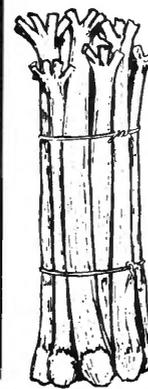


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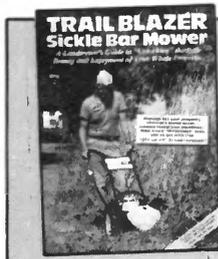
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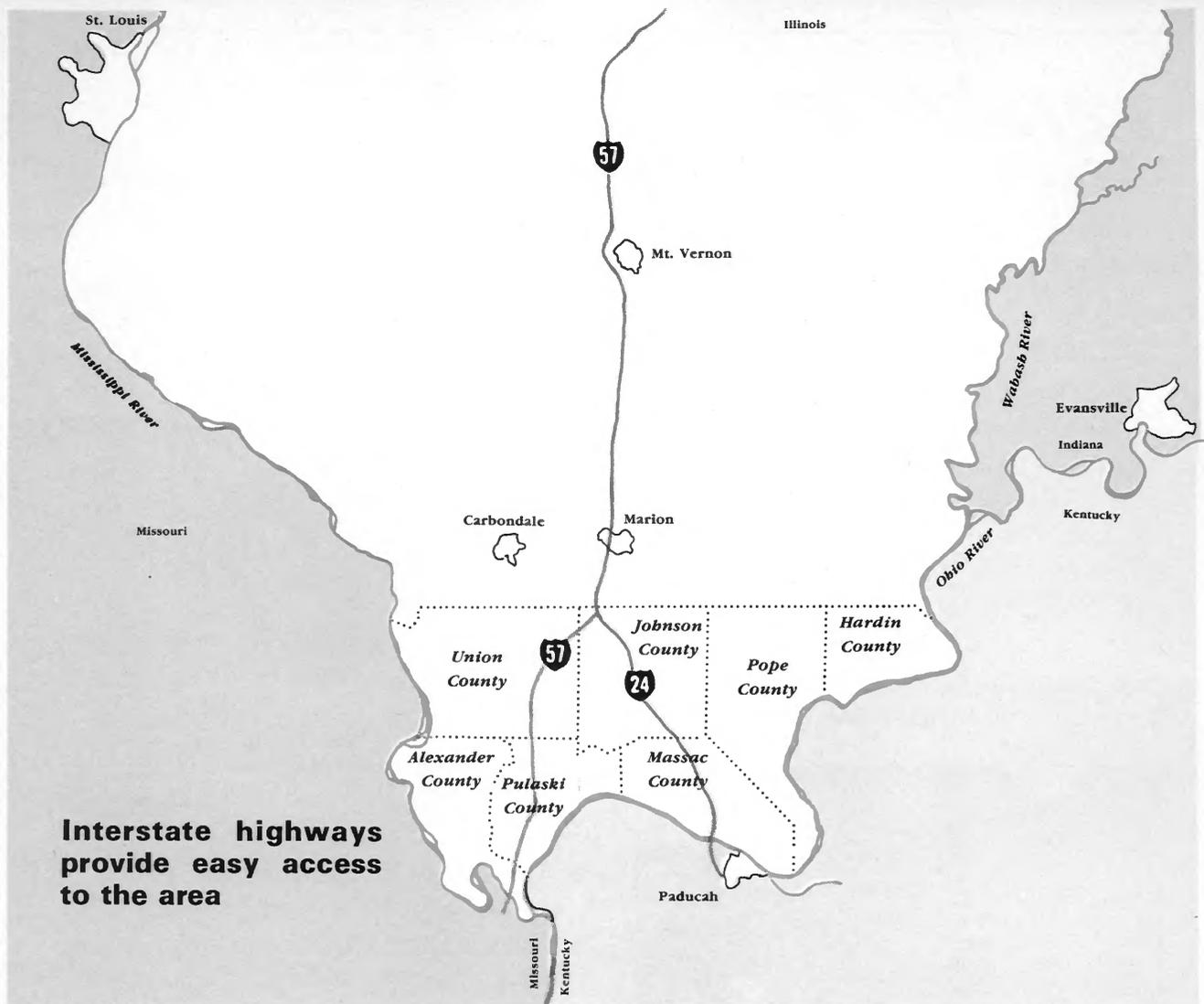
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P.R.I.D.E.

(Continued from page 5)

they were such pretty books. We're going to distribute them now at trade shows, and to people who actually write to us, asking for them," Betsy says.

She notes that P.R.I.D.E. has a scenic postcard business, too, and has had 150,000 cards printed for sale in the area. The cards all feature at least one beautiful Southernmost Illinois scene. They serve a dual purpose in that the sales raise money, while the photos boast of the area's beauty in a way that leaves no room for doubt. Southern Illinois Electric and the Association of Illinois Electric Cooperatives worked with P.R.I.D.E. and produced a video presentation to tout the area's many virtues.

While attracting individual tourists and families to the area is important, that's just a beginning, Betsy says.

"We're promoting the area to bus tour operators, and we're trying to package the area to them so they'll bring groups of people here. With that in mind," she adds, "we'll attend about half a dozen travel and sports shows a year, and hand

out literature and brag a little about our acres and acres of tranquil waters, miles of forest trails and our many magnificent rock formations."

The organization busily trumpets the attractions with ads in high-circulation travel publications which, while expensive, are effective. "We've had as many as 7,000 responses from one ad," Betsy says.

Even with all the emphasis on tourism, there's more. P.R.I.D.E. is working to attract development, too. "We contacted over 460 recreational developers—people who build golf courses, theme parks, hotels and motels, restaurants, hunting lodges—things like that," Betsy says, "and we wanted to encourage them to build here. We've completed just one direct mail campaign, and 16 developers expressed an interest in the area. We're still working on that."

"We've got an organization set up," she says, "and we're working together. We've faced the realization that improving the area's economy will take a long-term effort, and we're working on the long haul. We're trying to get a real hospitality industry going, and if anybody can do it, it'll be the friendly people in Southernmost Illinois."

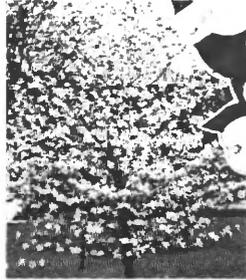
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EVERY PLANT WILL BE LABELED.



RED MAPLE (*Acer Rubrum* 3-5 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 ... 1.25 10 Trees ... 12.00



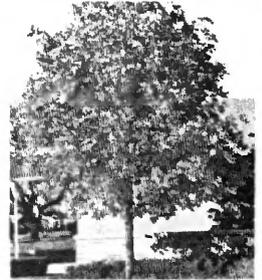
WHITE DOGWOOD (2-4 ft.)
Large white, single blossoms are conspicuous early in spring. The foliage is attractive all summer, and the fall colors beautiful. Red berries hang on most of the winter. Use as a specimen or in groups as a background for borders. Grows up to 30 ft. high.
1 tree ... 1.98 10 trees ... 19.00



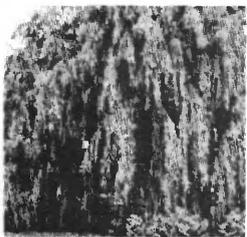
TULIP TREE (3-5 ft.)
A large growing, hardy tree reaching heights of 80 feet or more. Its bright yellow leaves in the fall have tulip shaped flowers in the spring. Rapid grower.
1 Tree ... 1.25 10 Trees ... 12.00



WHITE BIRCH (3-5 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 ... 1.50 10 Trees ... 14.00



SUGAR MAPLE (3-5 ft.)
The largest of all maples, its beautiful array of yellow and orange hues make it a sight to remember due to the foliage thickness. A very hardy northern and southern tree - will grow up to 60 feet.
1 Tree ... 1.25 10 Trees ... 12.00



GREEN WEEPING WILLOW (3-5 ft.)
1.25 each 10 for 12.00
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.

FLOWERING SHRUBS
1-2 Years Old
Crep Myrtle, Red, Pink, 1-2 ft. 1.98 ea.
Spirea Van Houttie, 1-2 ft. 1.98 ea.
Weigela, Red, 1-2 ft. 1.00 ea.
Forsythia, Yellow, 1-2 ft. 1.98 ea.
Bush Honeysuckle, Red, 1 ft. 1.00 ea.
Red Flowering Quince, 1-2 ft. 1.00 ea.
Persian Lilac, Purple, 1-2 ft. 1.49 ea.
Old Fashion Lilac, 1-2 ft. 1.98 ea.
Hydrangea P.G., 1-2 ft. 1.49 ea.
Pussy Willow, 1-2 ft. 1.00 ea.
Red Barberry, 1/2-1 ft. 1.98 ea.
Jap. Snowball, 1-2 ft. 1.98 ea.
Blue Hydrangea, 1-2 ft. 1.49 ea.
Azalea, Red, Pink, Purple, 4-8 in. .75 ea.
Russian Olive, 1-2 ft. 1.00 ea.

STANDARD FRUIT TREES
1-2 Years Old
WE ALSO HAVE THESE SAME VARIETIES OF PEACHES & APPLES IN DWARF 2-4 ft. 2.98 ea.

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J. H. Hale Peach, 3-5 ft. 2.98 ea.
Hale Haven Peach, 3-5 ft. 2.98 ea.
Golden Jubilee Peach, 3-5 ft. 2.98 ea.
Red Haven Peach, 3-5 ft. 2.98 ea.
Slayman Winesap Apl., 3-5 ft. 2.98 ea.
Red Delicious Apple, 3-5 ft. 2.98 ea.
Red Rome Apple, 3-5 ft. 2.98 ea.
Red Jonathan Apple, 3-5 ft. 2.98 ea.
Early McIntosh Apple, 3-5 ft. 2.98 ea.
Lodi Apple, 3-5 ft. 2.98 ea.
Grimes Golden Apple, 3-5 ft. 2.98 ea.
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SMALL NUT TREES
English Walnut, 1-2 ft. 3.98 ea.
Black Walnut, 1-2 ft. 1.50 ea.
Butter Nut, 1-2 ft. 1.98 ea.
European Hazel Nut, 1-2 ft. 1.50 ea.
American Hazel Nut, 1-2 ft. 1.50 ea.
Stuart Pecan, 1-2 ft. 2.98 ea.

EVERGREENS - 1-2 Years Old
White Pine, 1/2-1 ft. .75 ea.
White Spruce, 1/2-1 ft. .75 ea.
Colorado Blue Spruce, 1/2-1 ft. .75 ea.
Canadian Hemlock, 1/2-1 ft. .75 ea.
Norway Spruce, 1/2-1 ft. .75 ea.
Scotch Pine, 1/2-1 ft. .75 ea.

SHADE TREES - 1-2 Years Old
Scarlet Oak, 3-5 ft. 2.98 ea.
Smoke Tree, 1-2 ft. 2.98 ea.
Pin Oak, 3-5 ft. 2.98 ea.
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NUT TREES - 1-2 Years Old
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Red Everbearing Raspberry, 1 ft. 1.29 ea.
Boysenberry, 1 ft. 1.29 ea.
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1.00 each 10 for 9.00
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Damson Plum, 3-5 ft. 2.75 ea.
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Santa Rosa Plum, 3-5 ft. 2.75 ea.
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2-4 ft. 1.98 ea. 10 for 19.00
The Redbud is often used as a specimen or to provide a high point in a shrub border. Branches are covered with small, pea-like, purplish pink blossoms before the foliage comes out in spring. Ultimate height 15 feet.

Our plants are nursery grown from cuttings, seeds or budded stock unless otherwise stated. These have never been transplanted. 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 \$2.75 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 strong 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.

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1 male plant 3.95 ea.
1 female plant 3.95 ea.
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100 for 10.00 1,000 for 95.00
An old fashioned popular vine for ground covering growing well in the shade, useful also for porch and window boxes. The flowers are light blue color. The green leaves stay all winter, will grow under almost any condition.

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Flying bathtub

Harley Dahler has a lot of fun in his "bathtub," but instead of splashing, he flies.

The Shelby Electric Cooperative member, who lives near Nokomis (Montgomery County), built a Dormoy Flying Bathtub. That is a tiny airplane designed by a man named Etienne Dormoy. The planes resemble old tin bathtubs.

"Dormoy designed and built the bathtub for the 1924 Cleveland Air Races," Dahler says, "in a class that was limited to engines no bigger than 82 cubic inches displacement. He had come here from France, was working for the Army Air Corps and chose a four-cylinder Henderson motorcycle engine. He dropped it into the front of a pilot's compartment that looked an awful lot like a bathtub." He stuck on wheels, a wing and control surfaces, and connected them all together with tubing and cables. He was ready to go flying.

The race at Cleveland included a few other

Henderson-powered planes and one with a Harley-Davidson motorcycle engine. The idea was to fly out to a point 70 miles away and return. The Harley was out of the race fairly soon, and one of the other planes was outrunning the Dormoy, Dahler notes. The story then takes a turn right out of the "hare and the tortoise" fable. The other plane started having carburetor problems, and the pilot had to land and tinker with it. By the time he took off and "hared" back into the race, the Dormoy had "tortoisied" across the finish line.

Dahler didn't use a motorcycle engine, although antique things fascinate him. He used a 1935 Continental A-40 engine that he found in a barn near Edinburg, and there's a bit of a story behind that engine.

"The guy who had it was going to put it in an airboat," he says, "but he agreed to sell it to me. I took it apart when I got home and decided to put



At the left is the "bathtub" aircraft Harley Dahler prizes so much. At right, Dahler poses with one of his planes.

in new rod bearings. I looked all over and found several that were close, but that wouldn't work for one reason or another. I went to a custom bearing shop, and the price they wanted staggered me. Finally, I found some bearings for the old Farmall A tractors. They were just right, but they were one-fourth inch too long. I shortened them and they worked perfectly."

The engine cranks out 40 horsepower and gives him a 65-mph cruise. That enables him to pull the plane's heavy-duty bicycle wheels off his grass strip in about 400-450 feet.

Another Dahler plane, a Pietenpol Air Camper, is slightly more modern. Like many planes from the late 1920s, it has a squirrely, tinkerer-built history. Bernie Pietenpol was a young Minnesota man who had been flying for some time. He has built and flown several different designs, mostly with Model A Ford engines. A good, used A engine could be had for about \$50, while small airplane engines were selling for \$1,000 and up. He once used a Model T engine, to prove it could be done.

At any rate, the "Petes" have been around for just over 60 years now, and Dahler decided to build one. He thought about a Model A engine, but those engines—cheap and plentiful in the

1930s—are expensive and scarce now. And they are heavy.

"They were always marginal, anyway," he says, "and on a hot day with full fuel and two people aboard, you might not even be able to take off. I wanted a little margin there, so I went for the Continental C-85 engine.

"I like to do things the way they did back when these planes were in their prime, but when it comes to safety, I get a little more modern," he adds.

He notes that many people think it takes raw courage to fly in a small airplane, and even more mistakenly believe you have to be flat-out crazy to fly in a tiny, homemade one.

In fact, Dahler says, there are those who may have their suspicions about him. "My daughter was in a doctor's waiting room in Taylorville," he says with some relish, "and there was another young woman there, too. As often happens, they started chatting. When my daughter said she was from Nokomis, the other woman said, 'Nokomis? I hear there's some crazy old man down there building an airplane upstairs in his house.' My daughter allowed as how that was true and that the crazy old man was her dad. The conversation slowed down quite a bit."

If anybody is qualified to build and fly planes, Dahler is. He first started flying in 1945. He bought his own plane three years later. He kept it tied down in a clover field behind the barn and flew—half a mile—to his grandmother's place to do the milking. He gave up flying during the Korean War and served as a crew chief on a B-47. The B-47, he notes, was an important airplane that very few people know about, and it was the precursor to the B-52. "The B-47 broke technological ground for jetliners to this day," he says adding, "They're almost forgotten, and that's a shame."

He didn't get back into flying until 1975, when he bought another plane and laid out a 2,000-foot strip on his farm. It was, he notes, nearly three times as long as the one he'd flown from when he was milking cows. He flew all over the Midwest and to both coasts. Then he heard about a fellow over in Indiana who wanted to sell his partially built Dormoy. Dahler was on his way. Incidentally, he sold unfinished the plane he was building in his second floor, a Dyke Delta, and the house was demolished.

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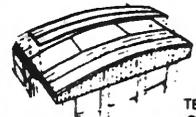
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