

Rose By Any Other Name
page 18



JULY 1973

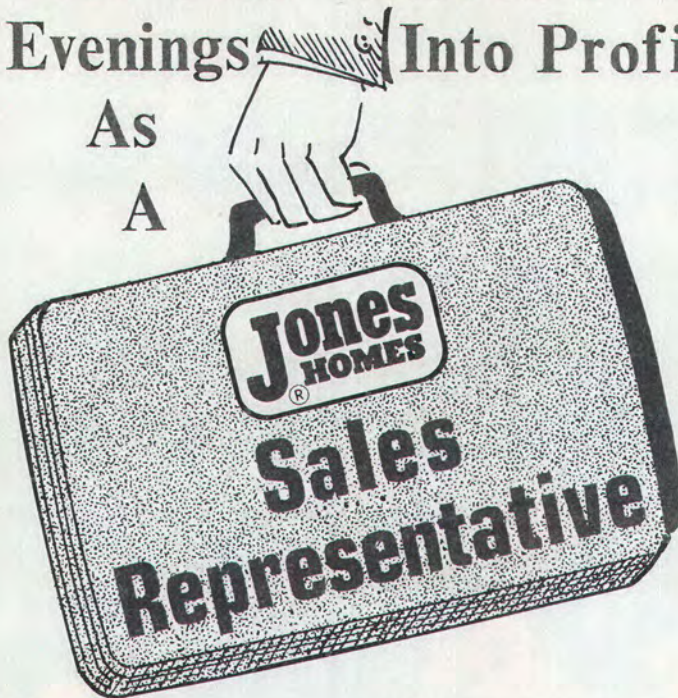
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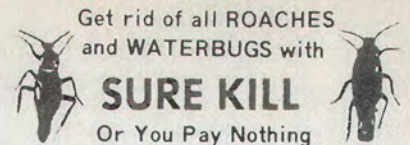
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Official Publication of the
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COOPERATIVE ASSOCIATION**

**Executive, editorial and
advertising offices:**

710 Spence Lane, P.O. Box 7232
Nashville, Tenn. 37210
J.C. Hundley, Executive Manager

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POSTMASTER: In using Form 3579 please give our key number and mail to The Tennessee Magazine, Box 7232, Nashville, Tenn. 37210.

THE TENNESSEE MAGAZINE is published monthly at 710 Spence Lane, Nashville, Tenn., as an educational and informational service to members of rural electric cooperatives in Tennessee and in behalf of the welfare of their program. Second Class Postage paid at Nashville, Tenn. and at additional mailing offices. Subscription price: \$1.08 per year for members and \$1.25 per year for non-members.

Printed and mailed by Shea/Rustin, Inc., Atlanta, Ga.

ON THE COVER



Mr. and Mrs. Lester Hamm adorn the cover of this month's issue amid the splendor of their pride and joy, their backyard rose garden. Mr. Hamm is President of Pickwick Electric Cooperative and serves as Secretary-Treasurer for statewide TECA. See story on page 18.



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Brownsville businessman Bill Thornton, a direct descendant of the first Taylors in Haywood County shows off the sign for the Tabernacle Methodist church to Hubert Williams of Southwest Tenn. Electric Membership Corporation.



The old family cemetery, located beside the church, has become the final resting place for many members of the Taylor family over the years. It has also been used as a secret meeting place for young lovers in the area.

“Kinfolks Camp Meeting”

Brownsville and the Taylor family claim one of the oldest, continuous revivals in the country

even from Canada, to attend the early August meetings and the majority have established comfortable camping facilities on the church grounds where evenings are a blend of the preached word and southern cooking. For a week, the “kinfolks” renew old relations, enjoy a semi-primitive outdoor lifestyle that must be reminiscent of days gone by and attend services twice a day.

The campgrounds provide electric service, however most of the cooking is still done on wood-burning stoves which is a curious contrast to the air conditioners which adorn many of the cottages. Something old — something new, so the speak.

Bill Thornton, Brownsville businessman and a direct descendant of Howell Taylor notes that the size of the church restricts the number of visitors who can attend the meetings because the family has grown to such a size that there just isn't much room left for anyone else.

“We regret this really,” Thornton says, “but it's always been for the most part a family affair. We do try and make many of the visitors as comfortable as possible but we try not to encourage making the meetings into a tourist thing.”

And it's probably this close knittedness of the family that has kept the meetings going through such times as the Civil War, World Wars I and II and the Great Depression. It has been said that the strength of the Taylor family lies in the close unity that they feel for one another and this is evidenced throughout the diaries kept by the forefathers of the “Taylors of Tabernacle.”

The devotion to their own is shown explicitly in the diary of John A. Taylor,



Mrs. Averil Taylor, Bill Thornton and his son Tom stand at the gate to the family cemetery after having explained that each family within the large Taylor “clan” has a special spot reserved for their own inside.

By Jim Lynch

It's a tradition that has been continued for well over a hundred years, as regular as clockwork, and Lord willing if the creeks don't rise, it will be held as long as there are Taylors, Manns and Thorntons to carry out the meetings.

When the eldest deacon of the Taylor family mounts the steps of the little church just outside Brownsville to blow the horn that calls the group to prayer,

he will perform a deed begun in 1826, which has survived the test of time, several wars, typhoid epidemics, and a changing world. The annual “Kinfolks Camp Meeting” at which the descendants of Reverend Howell Taylor and his five sons, the early organizers of Haywood County, gather is one of the oldest, continuous revival meetings held in the country.

From across the nation they come,



Inside the little Tabernacle Methodist church, many a sermon has been preached from this pulpit

by a long list of ministers down through the years.

grandson of Howell Taylor and son of Richard Taylor, who built the Tabernacle Church. This entry is dated January 17, 1865:

"Attending the burial of my Father. It pains me to write the sweet word Father. That pleasant voice that has charmed me for 46 years and more, I shall hear no

more. Well, has his work been done. I fear his mantle will fall upon none of his children. His place will be hard to fill. Few possess that determined resolution which he had at all times to do right. The soft hand of time may seal up the fount of grief, but who will fill his place in Church, at home, or in community? A great man has fallen."

They not only felt strongly about their own, there was also a powerful belief in their Southern heritage and during the Civil War, most of the Taylors were staunch Confederates. Following the surrender of General Lee's forces, John A. Taylor again noted in his journal:

"The South has been overcome and



The final resting place of Reverend Howell Taylor, in the old family cemetery. Reverend Taylor, along with his five sons, moved to and helped settle Haywood County during the Jackson administration.

lies at the feet of her conquerers but the end is not yet. She will certainly rise again and live and flourish and prosper beyond all lands that were ever known. This is God's land, "the apple of His eye". She must pass through the fire in order to be refined. We are regarded by the generality of mankind as a sort of mad-man for this view we entertain. We leave it to time to settle the question of their truth or falsehood. When this hand shall be still in death someone may see the lines here recorded and will then be able to judge the correctness of our views."

For certain, the Tabernacle Meeting Grounds retain much of its historic charm, bringing to mind gracious memories of the past. We can, however, observe the march of progress. The parking of automobiles has replaced the old hitching posts where wagons, buggies, and surries once stood. Electricity has succeeded the old candles and old coal oil lamps blown by each gust of wind. In those days, only the moon lit the hitching grounds.

There are few places in these modern times that carry on the old traditions as does "Tabernacle Meeting". An invitation to join with the Taylor kinsmen each year is eagerly sought by all who cherish the good customs of the past and who look forward to the continuation of the country prayer meeting.

For almost a century and a half, the Taylor creed has been best expressed in another of the old diaries:

"Our business is to trust Him and we remember, He is too wise to err and too good to be unkind."



Mrs. Averil Taylor and Tom Thornton, both members of the large Taylor family, stand on the porch of the house built by Richard

Taylor in the early 1800's and presently owned by Mrs. Taylor and her husband.



Standing, almost like an ancient symbol to Pomona's near greatness, the "Smith House" will soon fall away and only be remembered as another "old house."

POMONA: City that Could Have Been

*but the Civil War
was to spell
her doom*

By Jim Lynch

It was a town not unlike many other towns of its day and age. It had hopes and dreams and its people would gather to discuss the issues of the day just like people did everywhere.

When John W. Dodge, a famous miniature portrait painter, moved his family to this table-top region just outside Crossville, he looked about and saw endless green fields and tall woodlands and the impression they left rooted him for what he figured would be the rest of his life. This was during the middle 1800's and Dodge had failed, through no fault of his own, to recognize that the impending North-South conflict was to soon turn his life and that of his family and community upside down.

He had brought unity to the area, was the principal land owner and even gave the little town the name Pomona because of his admiration for the Roman goddess. It has been reported that Dodge planted over 82,000 apple trees in the area because it seemed to be the right thing to do.



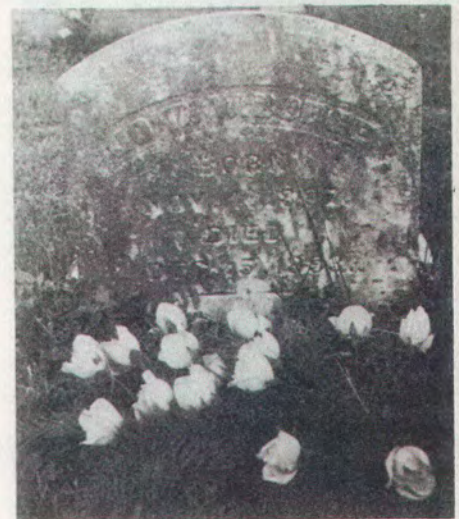
This old house which at one time belonged to John W. Dodge's son-in-law, also has fallen into a state of disrepair but stands as a reminder of days not long forgotten.

The Tennessee Central Railroad had plans to open a line near Pomona and Dodge, along with the rest of the citizens could see nothing but good things for the future.

But then came the Great War and amid the turmoil and bitterness of North fighting South, looting from both sides, and mass carpetbagging from outside speculators, Pomona was to sink to obscurity — a town deserted because of fear.

Dodge was even forced to flee during the conflict, but not before seeing his precious orchards ravaged by scavengers and his stock carried off to "aid in the war effort." When the lives of his family became threatened, Dodge abandoned his beloved 5,000 acre farm and moved to safety in the North.

Following the war, Dodge returned to find his farm occupied by squatters and he never recovered the bulk of his estate.



The grave of John W. Dodge, an early organizer of the town of Pomona. Dodge gave the community its name and was the principal land owner in the area until the Civil War almost ruined him.



Ed Donnelly, Crossville businessman and authority of Pomona's history, stands outside his print shop and remembers the way things might have been for Pomona if circumstances had been different.

The land as he knew it had disappeared, but he stayed on and reestablished himself, although somewhat embittered, until his death in 1893.

Efforts were made during the latter part of the 19th century to rebuild Pomona, principally by Mrs. Margaret Bloodgood Peeke, wife of a local minister. She organized the construction of the Pomona Methodist Church which still stands and published several books about life on the plateau. She also published a pamphlet depicting the advantages of the Pomona area, indicating that stock raising, fruit growing, bee keeping, cheese making and mineral mining were concerns that were possible and worthwhile in this region.

Behind the church she helped build, Mrs. Margaret Bloodgood Peeke rests for eternity having failed to realize her dream of making Pomona into a prospering, culture center on the Cumberland Plateau.



She noted in the pamphlet that butter could be bought in Pomona for 12¢ to 20¢ a pound, land was available for \$3 to \$10 an acre, horses could be had for \$100, mules for \$150, cows for \$20 and sheep for \$2.

In her effort to revive the potential ghosttown, she made the statement that "a family can live at the rate of \$1 per person, per week." But no one seemed to pay much attention. The Tennessee Central was rerouted away from Pomona which left the nearest railroad, the Shortline from Cincinnati to New Orleans, about 30 miles to the west.

Almost in desperation she made the claim that "but for the interruption caused by the war, there would doubtless have been today a flourishing town, noted for culture and refinement."

She even pursued the prospect of utilizing the mineral rich waters of the plateau as a cure for asthma and

consumption. She stated in the pamphlet "Pomona: The Land of the Future" that "given pure air and absolutely pure water, disease cannot remain in the human system." This came at a time when mineral streams were at their height of popularity as resort areas whose sole purpose was to relieve all of one's aches and pains. It didn't work either.

Becoming somewhat disillusioned by the home conditions, Mrs. Peek turned to the teachings of Abdul Baha, an organizer of a philosophical cult, for solice. In the later years of her life, she invited many young people to her home to discuss new ideas and philosophies and became known as something of a liberal for her time. However, her efforts to rebuild a deserted Pomona fell by the wayside and the little town slowly settled into a state of forgottenness.

Today, the original Dodge and Peeke houses have disappeared with time and all that remains to remind visitors of Pomona's past glories and defeats are the little Methodist church which has been remodeled as to not show any of its history and several old homes that have become unoccupied and are falling into ruin. Authorities on the area can now only point to spots along the roadside where places of interest once stood. The little community which at one time had unlimited illusions of grandeur has now settled into the day to day activities of the few people who stay on, remembering the hopes of the Peeke's and the Dodge's, but not seeing too much beyond.

They remember that Pomona was a place that could have been — but wasn't. Whatever happens in the future, be it progress or decline, the old-timers won't allow Pomona's history to be forgotten.



One of the old homes in Pomona lies in shady ruin as the little city that had such high hopes settles back to accept its defeat of not becoming the trade center of the Plateau region.

CASH CROPS FOR YOUTH

By Tony Holmes
 Editor, Office of Tributary Area Development
 Tennessee Valley Authority

Timothy Bryant, 17, lives in You Take It, Tennessee. As you might guess, it's not on the map.

Jobs are scarce in the small community. As in hundreds of other rural areas, mechanization has reduced local farm employment opportunities. Jobs in business and industry are also limited, particularly for young people. Still, Tim earned more than \$1,100 last summer and he didn't have to leave his family and friends to do it. He participated in TVA's Cash Crops for Youth program. Right there in You Take It.

The Cash Crops for Youth program has had many similar success stories since its creation in 1971. As in most farm-related enterprises, occasional personal disappointments occur, but more often than not individual profits range from about \$300 to more than \$1,500 for a summer's work. In addition to the financial reward, the young people have the opportunity to develop or exhibit their self-reliance, responsibility, and achievement.

One of the major goals of the TVA demonstration is to show that the family garden or cash crop concept can be geographically expanded from a few to

many communities to provide additional income to an increasing number of young people, particularly in out-of-the-way rural areas. Crops are marketed locally in late summer and early fall and profits are used for school and family expenses. In the process local youth-adult relationships are developed or strengthened.

Although the projects are conducted in a variety of ways, depending on local climate, soil conditions, and several other factors, all of the young people obtain the required land and machinery (usually rented) and provide their own labor. County agricultural agents, 4-H leaders, and local vocational agriculture teachers provide technical assistance, advice, and information relating to proper planting, care, and marketing. Cooperating agents and teachers select the participants and insure that necessary supplies (seed, fertilizer, and insecticides) get to the young growers. Startup capital, usually about \$75 to \$100 per crop project, is provided by TVA through close working arrangements with local officials and organizations.

Early successes have led to the

program's expansion. The number of participants, the majority of whom are from low-income families, has doubled every year since the program started in 1971 with 40 young people. By 1972 the number had increased to more than 90. This summer about 200 projects are under way in six states, some of which are cooperative ventures involving two or more boys and girls.

During the past two years an increasing number of local development associations, agencies, civic clubs, and other community betterment organizations have been providing financial and technical support. Combined TVA and locally sponsored Cash Crops for Youth projects under way this summer are expected to total more than 400.

Crops marketed in past seasons cover a wide spectrum reflecting climatic variations, and include corn, tobacco, sorghum cane, trellised tomatoes, soybeans, green and pimento peppers, cotton, watermelons, peas, strawberries, and general family garden vegetables such as collards, squash, pole beans, potatoes, okra, and cucumbers.

"The ingenuity and persistence that these young people exhibit in growing

cash crops — particularly in light of the hard work and the many hazards that agricultural growers face — is most heartening," says H. Peter Claussen, Director of TVA's Office of Tributary Area Development. "There is a noticeable cooperative spirit among all the people helping with this program, but ultimately the young participants and their local advisors deserve the credit for making it work."

Who are the young people participating in the program? Recent sample interviews with 15 of the 1972 participants (and with some of their teachers and other advisors) indicate that although they are unlike in some ways, they share several characteristics. As noted in the following chart, the young people varied in age, lived in different states, and grew a wide variety of crops. Additional characteristics not reflected in the chart indicate the young growers' similarities: They shared a common rural background, attended comparatively small schools, were outgoing and industrious, and were eager to do well in their many undertakings. A closer look at a few of the individual participants, their interests, and activities:

Thurman Anderson has always lived in the country. He enjoys "fooling around with cars." After high school he wants to study automechanics at a nearby trade school. Last year Thurman played defensive end for the Red Bay (Ala.) Tigers.

Bobby Bennett says he participated in the program because there are few jobs near his home. "The program offered me the opportunity to do something for myself. And if I needed a day off to do something else I could take it as long as I knew the crop was coming along like it should." Bobby has acquired a reputation as skilled tomato grower. He's also an all-conference end for the Burnsville (N.C.) High School football team.

Randy Blackledge is one of seven children. Like Thurman and Bobby, he enjoys football. This year his team's record was 8-1-1. Randy plans to go to college in the fall and major in agriculture. He owns 10 hogs and 12 head of cattle. His hobbies include fishing, hunting, swimming, and land judging. Says one of his friends: "He's one of the best land judges you'll ever find. I don't think he's ever been beaten

| Name | Age | Hometown or Community | Crop | Acres | Project Profit |
|------------------|-----|-----------------------|----------------------|-------|----------------|
| Thurman Anderson | 16 | Red Bay, Ala | Corn (for livestock) | 3 | \$ 176.00 |
| Bobby Bennett | 17 | Burnsville, N C | Trellised tomatoes | 4/10 | \$1,588.06 |
| Randy Blackledge | 18 | Pleasant Side, Ala | Field corn | 5 | \$1,105.00 |
| Timothy Bryant | 17 | You Take It, Tenn | Soybeans | 16 | \$1,155.32 |
| *Sherry Cox | 15 | Hayesville, N C | Trellised tomatoes | 4/10 | \$ 684.06 |
| *Steve Cox | 12 | Hayesville, N C | Trellised tomatoes | 4/10 | \$ 684.06 |
| Linda Elrod | 16 | Turtletown, Tenn | Green peppers | 1/2 | \$ 400.00 |
| *Danna Gibson | 17 | Hiawassee, Ga | Cane (sorghum) | 3 | \$1,000.00 |
| Steve Gortney | 18 | Green Mountain, N C | Trellised tomatoes | 2/10 | \$1,360.00 |
| Volney Graham | 15 | Taft, Tenn | Tobacco | 1 | \$ 800.00 |
| Sidney Jory | 15 | Turtletown, Tenn | Green peppers | 1/2 | \$ 200.00 |
| *Darren McClure | 13 | Hiawassee, Ga | Cane (sorghum) | 3 | \$1,000.00 |
| *Kevin McClure | 15 | Hiawassee, Ga | Cane (sorghum) | 3 | \$1,000.00 |
| Randy McGuffy | 16 | Iuka, Miss | Pimento peppers | 1 | \$ 300.00 |
| Wesley Roberts | 14 | Burrville, Tenn | Tobacco | 3/4 | \$1,048.52 |

*Cooperative projects involving two or more participants--profits divided equally.

in competition." **Timothy Bryant** "really knows his farming," says John Raby, vocational agriculture teacher at Blanche (Tenn.) High School. With his profit Tim bought a car, auto insurance, and several auto parts. Says Raby: "If it hadn't been for this project the boys around here could only have worked at odd jobs, hauling hay and the like." Tim enjoys "working, fishing, and football."

Sherry Cox is a very busy 15-year-old who is saving for college. Her many past and present activities include: winning 4-H Club awards for her crops, being a library assistant, singing in the Glee Club and the church choir, serving as an officer in several organizations and drives including a local cleanup campaign, being in the school play, growing flowers, training a dog, canning vegetables, teaching piano lessons to 10

students, sewing, and babysitting. Sherry is a Beta Club member and wants to become a surgeon. Her father wants her to be an artist.

Steve Cox, Sherry's younger brother, has helped his sister grow tomatoes for three years. Last year was Steve's turn to bank the profits. Although he will be in the seventh grade next year, his knowledge of growing cash crops is considerable. A few months ago a nearby folk school made a film on life around Hayesville (N.C.). Not surprisingly, Steve and Sherry were in it.

Linda Elrod was one of fourteen young people in her area to participate in the program last summer. According to Linda, "It was a lot of hard work but it helped me in the process." Her profits were used to help meet family expenses.

Danna Gibson and Kevin and Darren McClure received more requests for the molasses made from their cane crop last year than they could fill. So they're growing more cane this summer. The three young Georgians heard about the program through mutual friends at Towns County High School. Their hobbies range from working with small engines, to horseback riding, to basketball. According to County Agricultural Extension Agent Carlos Russell, Danna, Kevin, and Darren were only three of the 15 young men in the country who participated in the program in 1972. About 18 young men are on the program this summer.



Steve Gortney, 18, Green Mountain, N.C.—Gives demonstrations in growing trellised tomatoes.



Randy McGuffy, 16, Tuka, Mississippi—Like his cousin, Randy grew about one acre of green peppers. In the background: younger brother Tracy and a 100-year-old home.

Steve Gortney is the kind of fellow that you would like to know is driving your child's school bus. Until graduating in May he drove a bus for Cane River (N.C.) High School near his Green Mountain home. He's thinking about attending technical school in the fall and becoming a professional mechanic. He's so proficient in growing tomatoes — he's growing them again this summer — that he gives demonstrations in cooperation with the county agricultural agent and the local 4-H Club.

Volney Graham enjoys swimming in the local creek, hunting ("mostly rabbits"), and playing basketball. This year he was a guard for the Blanche (Tenn.) Bulldogs. Volney's \$800 profit from his tobacco crop was fairly representative of the incomes earned by three other Cash Crops participants in the Blanche vicinity.



Wesley Roberts, 14, Burrville, Tenn.—"... a nest of day-old ducks, a sow that's pretty heavy, a few cattle, and five dogs."

Sidney Jory loves the outdoors. He grew up on a farm. According to a close relative, "Sid killed his first rabbit when he's six year old — and h'it a-runnin! He's been a-huntin' and fishin' ever since." Sid used his pepper crop profits to pay for school expenses, a new gun, and for the family's coal and wood last winter. This summer he's growing corn and beans and raising a 4-H sponsored sow. He also raises chickens and has a horse.

Randy Lee McGuffy is an unusually industrious young man, according to Luka, Mississippi. Mayor Charles Rushing, Mayor Rushing, a vocational agriculture teacher at nearby Burnsville, assisted area Cash Crops participants in growing their 1972 crops. In addition to his duties on the family's small farm, Randy enjoys football, basketball, hunting, and fishing. His profits were used for school expenses and to buy a share in a family car.



Bobby Bennett, 17, Burnsville, N. C. — "You feel a little better when you've done something for yourself."

Continued on page 10

Continued from page 9

Wesley Lee Roberts, an eighth grader this year, attended a three-teacher school near his Burrville (Tenn.) community home. Next year he'll attend high school in Sunbright a few miles further up the road. He would probably try to give you a dog if you went to see him. He owns about five . . . and a lot of ducks . . . a sow . . . and some cattle. In addition to helping with the family garden, Wes spends some of his time playing baseball, football, hunting, and fishing. The income he made from his tobacco crop, more than \$1,000, was used to help with family expenses.



From left: George Bowers, Clay County Asst. Agricultural Extension Agent, Steve Cox and sister Sherry. ". . . an energetic young girl, a helpful brother, and lots and lots of tomatoes."



Sid Jory, 15, Turtletown, Tenn.—". . . used the profits to pay for school expenses . . . and to buy the family's coal and wood."



Thurman Anderson, 16, Red Bay, Ala. — "I've lived in the country all my life."



Tim Bryant, 17, You Take It, Tenn. — "There just ain't a whole lot of jobs around here."

Many of these young people are growing crops again this summer. Although others have moved on to college, to trade schools, or to new jobs, their experience, hard work, and success have been passed to other youngsters interested in growing crops for cash.



Randy Blacklidge, 18, Pleasant Side, Ala.—"I'll be starting college in the fall."

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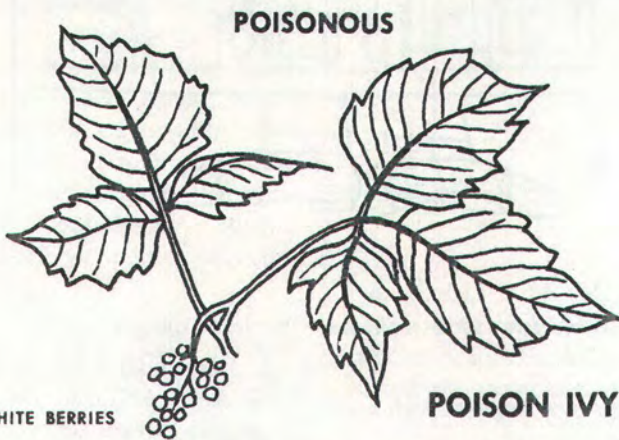
SMOOTH



ROUNDED ("LOBED")



TOOTHED



POISONOUS

WHITE BERRIES

POISON IVY



HARMLESS

BLUE BERRIES

**VIRGINIA
CREEPER**

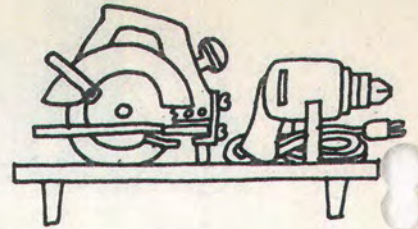
Leaflets three— let it be!

■ The season of outdoor fun and relaxation is in full bloom—and so are the poison ivy and poison oak plants in abundance in almost every part of the United States. Each year, these attractive looking vines and shrubs cause nearly two million cases of skin poisoning serious enough to require medical attention or at least one day of restricted activity, or both. It is estimated that skin inflammations caused by plants are responsible annually for 3,730,000 days of restricted activity, half a million days spent in bed, and the loss of 333,000 work days. Although active, roaming youngsters are the most frequent victims, no age group and few individuals are immune.

Identification and eradication are the keys to poison plant control. Although poison ivy and oak plants (they differ mainly in the degree of lobing of the leaflets) grow in a variety of sizes, shapes and colors, their shiny leaves always occur in groups of three. July is one of the best months to eradicate these plants from backyards, gardens, playgrounds, and other recreation areas. Chemical weed killers (herbicides) offer the easiest and safest method of control. Formulations containing 2, 4-D, 2,4,5-T, amitrole or ammonium sulphate are the most effective. Spraying should be done when there is little or no air movement, preferably in early morning or late afternoon when the air is cool and moist. Plants take several weeks to die and normally two or more applications are needed to completely kill a stand. Better results may be obtained by cutting the vine at the base of the trunk and spraying the regrowth. When using a herbicide spray, follow directions on the label and observe all precautions for safe handling, use and storage.

Common poison ivy leaf forms are shown along with waxy, white berries that usually grow in clusters on slender stems near the axis of the leaves. Virginia Creeper is frequently mistaken for poison ivy, but can be distinguished by its five leaflets compared with the three of poison ivy.

ARE YOU A DO-YOURSELF-INNER?



REMEMBER WHEN the advent of Spring brought forth the hammer, drill, saw and other assorted hand tools? Spring was annual fix-it time and most of these tools remained virtually unused the rest of the year. With the variety and efficiency of electric power tools there is no longer any special season for the do-it-yourselfer. Power tools have turned many an unhandy man and woman into everything from cabinet maker to boat builder.

The coming of warm weather does bring out the do-it-yourselfers in greater numbers than at any other time of the year. And, the more do-it-yourselfers, the more mishaps. The "seasonal" do-it-yourselfer is more prone to accidents because he is inclined to overlook safety precautions.

The power tool manufacturers have consistently added and improved safety features on their products. However, the Power Tool Institute points out that these safety devices are no better than the man using the tool. It takes no more effort to operate a power tool safely than carelessly. In fact it probably saves time in the long run. The rules for safe operation are simple. Spend a few moments taking the quick true or false quiz below and learn how safe a do-it-yourselfer you are.



1. The manual accompanying your power tool merely lists the places to get repairs and parts.

2. A broom, brush, dust cloth and waste-can have no place in the work area.

3. Water has no effect on the new power tools.

4. Wear what is comfortable for you to work in.

5. Tools with three-prong plugs and double insulated tools are equally safe.

6. Because of the connections within the power tools, electric cords should not be pulled.

7. Use a vise or clamp only when doing delicate work.

8. Almost all electric tools can be adapted for any job.

9. Power tools are rugged and need no maintenance.

10. Tools should not be easy to reach on a high shelf.

the least danger.

2. (False) **CLEAN BEFORE, DURING AND AFTER**—Before you begin a project, clean up your work area. During your work, keep it clean and after you're through, clean up. The first rule for safety is always work in a clean, uncluttered area. This rule applies outside as well as inside. You won't have a more successful project from tripping over a rake or falling into a can of paint. What you will have are cuts, bruises and misery.

3. (False) **IF IT'S WET, DON'T DO IT**—Electricity and water don't mix. Power tools should never be used in damp or wet areas. That goes also

ANSWERS

1. (False) **READ AND HEED**—Don't touch a power tool until you've read and understood the instruction manual. Every tool has its own special requirements and characteristics. Find out what the tool does and doesn't do. Learn the proper applications and limitations. Get the best performance with

OR A DO-IT-YOURSELFER?

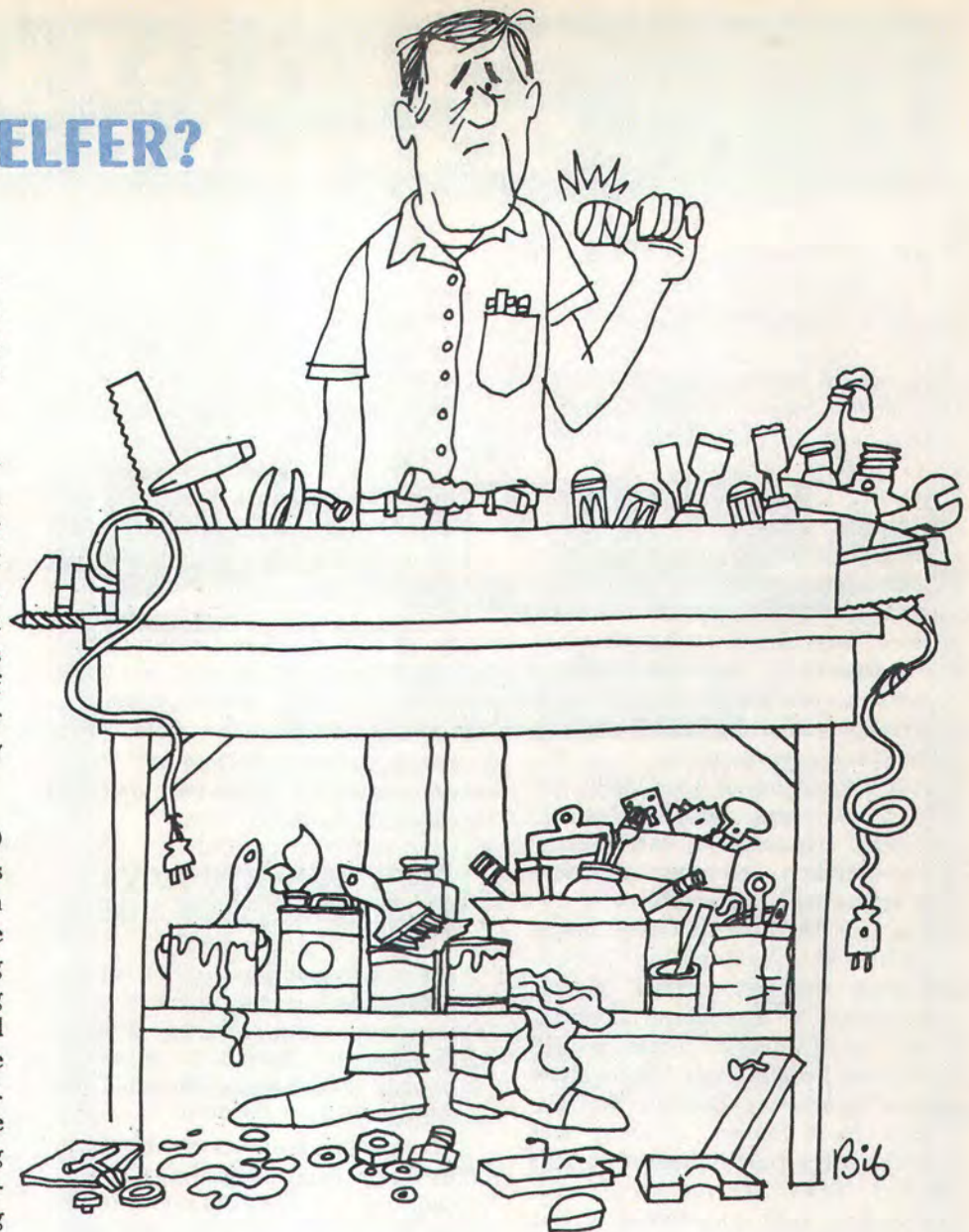
wet grass and hedges as well as for cellars and kitchens. If your work area isn't completely dry, wait or move to a dry area. You'll remember an electric shock a lot longer than a short wait.

4. (False) FASHION IS FOLLY—Dress for the occasion. Jewelry, scarves, flowing sleeves and any loose clothing court trouble. Never wear anything that can get caught in moving parts. When working outdoors, it is always a good precaution to wear rubber gloves and rubber footwear. Wear a mask if you're creating a dust storm. And, for any task using power tools, wear safety glasses.

5. (True) PLUGS, PRONGS AND POWER—Unless your power tool is double insulated (and the instruction manual will say so), then it must be grounded. If the tool has a three prong plug it must be used in a three prong electric outlet. An adapter can be used that permits a three prong plug to be used in a standard two prong outlet. But, an adapter has a grounding wire that must be attached to a grounding circuit. Don't try to outsmart the manufacturer (and yourself) by cutting off, bending back or pulling out the third prong.

6. (True) CODDLE THE CORD—The electric cord on your power tool is not a substitute handle. Do not carry the tool by the cord and don't yank it out of the electric socket. Keep the cord away from excessive heat, sharp objects and corners. You not only shorten the life of the cord, but you won't help your own either.

7. (False) FLYING OBJECTS AND FLYING OPERATIONS—Use clamps, a vise or weights to secure all your work. And, make certain you are secure. Stand firmly and in balance. Flying lumber and metal cause serious accidents; so do flying operators.



8. (False) USE RIGHT TOOL—Each power tool is designed for a specific set of functions. Do not force a tool beyond its capacities. You will shorten its life and possibly your own. Small tools are designed primarily for small jobs; don't force them to do jobs too large or heavy. We don't ask a child to do a man's job.

9. (False) TENDER, LOVING CARE—Baby your power tools and they will return the favor with long, efficient service. Keep them clean and lubricated as recommended. Use the proper accessories and attach them properly. Keep cutting edges sharp and clean. With a little care, your power tool will outlive you.

10. (True) A TOOL'S HOUSE—When you've finished, put your power tools away where they will be safe and in good condition for your next do-it-yourself session. Store them high, dry and out of the reach of children. Tools are not toys. They are also not indestructible. Put them away with care so they can continue to serve you long and well.

The correct answers to this ten point quiz can spell the difference between pride of accomplishment and injury. Play it safe. Respect yourself, your work and your tools. Make the effort to do it right. Remember, with power tools, *right is safe.*

Timely Topics

HOW FARMERS CAN KEEP UP WITH MARKETS

The agricultural producer can keep up with what's happening in the market place through the Federal-State Market News Service, according to B. H. Pentecost, UT Extension agricultural economist.

"It's just as important for the agricultural producer to keep abreast with the markets as it is to know how to produce," says the associate professor at the University of Tennessee. "Market news reports provide accurate, unbiased information on current prices, supplies, demand and movement."

This information is used daily not only by farmers, but by dealers, shippers, wholesalers, processors, retailers, brokers, and others concerned with agricultural commodities.

The USDA has recently made available four information leaflets describing the Federal-State Market News Service on agricultural products, points out Pentecost. These revised leaflets are: Federal-State Market News Service (Marketing Bulletin No. 40); Market News Service on Dairy and Poultry (Marketing Bulletin No. 42); Market News Service on Fruits, Vegetables and ornamental Crops (Marketing Bulletin No. 54) and Market News Service on Cotton (Marketing Bulletin No. 41).

Free single copies of these leaflets can be obtained by writing the Southeastern Regional Information Office, Agricultural Marketing Service, U.S. Department of Agriculture, Room 220, 1718 Peachtree Street, N.W., Atlanta, Georgia 30309.

ADD NITROGEN TO SORGHUM-SUDAN HYBRIDS

Forage production from sorghum sudangrass hybrids can be increased by topdressing with nitrogen.

"Extra nitrogen is needed to provide a continuous forage supply throughout the growing season," says Donald D. Howard, assistant professor of plant and soil science, University of Tennessee

Agricultural Extension Service. "The application made at planting time has been pretty well taken up by the plants and removed by grazing and green chopping."

UT recommends that an additional 60 pounds of nitrogen per acre be applied by July 15 to pearl millet, sudangrass and sorghum-sudan hybrids that were planted before June 15, advises Howard. This is the equivalent of approximately 200 pounds of ammonium nitrate.

Adding the additional nitrogen before July 15 will generally produce higher yields than if applied later, points out the specialist. The added nitrogen can be broadcast over the field, since nitrogen is readily soluble and moves downward to the plant root system if moisture is adequate.

SOIL SURVEYS HAVE WIDE VARIETY OF USES

The modern published soil survey is a one-package source of basic soils information for a wide variety of users, according to George J. Buntley, University of Tennessee Extension soil scientist.

"The published soil survey of 20 years ago was designed primarily for agricultural users; the soil survey report today has wide application and great value in non-agricultural fields as well," says the associate professor of plant and soil science.

Farmers have long realized the value of soil survey information in planning improvements in their soil use and management programs, he continues. The soil survey makes it possible for the farm manager to match land uses and treatments with specific kinds of soils, thus eliminating some of the "chance" involved in farming.

Engineers now find soil survey information increasingly helpful in selecting and appraising sites for buildings, highways, septic tank drain fields and many other types of construction. Sand, gravel and topsoil deposits can be located much more easily by using a soil map.

"Soil surveys can be useful to anyone who builds structures in or on the soil, or

must select a site for any specific use, and to appraise land for various purposes, including tax assessment or property evaluation," adds Buntley.

The unusually rapid expansion of urban areas in recent years has opened up a whole new field of use for soil survey information, he points out. Most people involved with the planning, design and integration of fringe areas into metropolitan and rural landscapes need wise counsel in order to use soil surveys effectively.

"The need for this kind of planning is evident everywhere," he concludes. "The soil map is a fundamental and effective tool in long range land-use planning for any purpose and it can save taxpayers millions of dollars if used."

CONTROL PESTS THAT STING

The stinging insects that frequently build nests in and around your home are more easily controlled in the spring and early summer when the colony is smaller, reminds a University of Tennessee Extension entomologist.

"The queens overwinter and begin building the nest and the brood assists her when the adults emerge," explains Harry Williams, UT assistant professor.

The pests may build on buildings, in trees or shrubs, or in the ground. Wasps and hornets frequently build above the ground. Yellow jackets usually nest in the ground.

The specialist recommends chlordane, malathion and dieldrin as good insecticides for the control of these insects.

"Spray the area now where the nest is being built to control the nest-building queen," comments Williams. "Use four and one-half tablespoons of 72 per cent chlordane per gallon of water. This mixture will cover 1,000 square feet of surface."

Honeybee swarms should be reported to a beekeeper or your county Extension office. These valuable swarms can be collected and developed into productive colonies by a beekeeper.

PUZZLE CORNER

Once again, the use of mathematics was necessary to figure out the June puzzle as you were asked to determine the length of a ladder from a small amount of information about angles and movements that we supplied.

Well, we received 241 replies of which 90 were correct (the ladder was 20 feet long, this being the correct answer) and the winners, chosen by lot from all of the correct answers according to the States three Grand Divisions were:

First Place: Donald Lee Motley, Route #2, Pocahontas, Tennessee 38061, a member of Pickwick Electric Cooperative — \$10.

Second Place: Mrs. Clayton Baxter, Route #2, Lewisburg, Tennessee 37091, a member of Duck River Electric Membership Corporation — \$5.

Third Place: Glenn McGuire, Star Road, P. O. Box 268, Dunlap, Tennessee 37327, a member of Sequachee Valley Electric Cooperative — \$5.

And now for the July puzzle:



Many words in the English language have double letters in them, for example, Mississippi has three different sets of double letters. However, only one word in the English language has three different sets of double letters in consecutive order. For the July puzzle, what is that word?

Send your replies along with your name, address including zip code, and the name of your electric cooperative to



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Luck, Spelled H-A-R-D W-O-R-K, Rewards Outstanding 4-H Youth

By Virginia Lowe, Home Economist
Cumberland Electric Membership Corp.

James Palmer, 1973 Governor of the Tennessee 4-H Congress, seems to have been lucky the eight years he has been in the club that has a four leaf clover for its emblem. At least this was my first thought after having just completed reading James' 4-H Record book and seeing his many honors achieved.

However, even though he does have many honors to his credit, there are literally pages listing his experiences in 4-H projects and activities. Wanting to be well-rounded, James has participated in projects from electricity to entomology to public speaking. His main project or love, though, has been swine, of which he is a recent national winner.

James, son of Mr. and Mrs. Frank Palmer, Mitchellville, Tennessee, is one of 37,000 4-H'ers in Tennessee. Even though I was not in 4-H (because I didn't have the opportunity), I was in Future Homemakers of America and realize the tremendous value these organizations can have on youth of today and citizens of tomorrow. It is hoped that some 4-H'er or his family will find inspiration from this story to continue work in 4-H or other youth organizations. Now, 4-H Clubs are in the city schools as well as the county schools. Also, today's 4-H activities emphasize other areas besides just farm life.

It was an afternoon I'll remember when I visited with James and his father, Frank Palmer, on their 100 acre dairy farm in Sumner County (the #1 county in the state for 4-H county enrollment). James proudly showed me his spotlessly clean hog parlor with pens capable of housing twenty-five pigs each. At the time of this interview, feeder market conditions were unstable. Thus, businessman James was waiting for lower prices before purchasing more pigs.

Never having seen a hog parlor before, I was impressed with the entire system. Although his father and grandfather paid for the building, James owns and operates it himself. Electricity is used to help make a pig's life better with automatic waterers, a sprinkler system, and hydrants for washing. The slanted

portion of the floor extends over a lagoon to keep manure handling to a minimum.

Interestingly enough, I learned that even pigs get bored, so old tires were tied on a rope as a plaything for them and to discourage them from tail-biting! The hog parlor is the greatest accomplishment in his swine project.

During the eight years James has worked on the swine project, he has known both success and failure, profit and loss, and above all, hard work. He has known the disappointment of losing pigs from disease and the delight of selling hogs on a thirty-cent market.

All of James' honors did not come easy. He related losing several times in the state swine competition; however, in retrospect, this was fortunate. For had he won the state competition earlier, his lack of experiences in his record book would have disqualified him for national competition. Whereas, as he continued to grow and learn through experiences in this project, his record book became more complete. Therefore, with courage and challenge to keep trying, he entered and won the state and national swine project this past year. Timing is important and winning in this project gave him an opportunity to attend meetings, meet other 4-H'ers and become well known throughout the state. Therefore, at election time at 4-H Congress last year, James was elected Governor, the highest 4-H Congress office. Truthfully, James admitted he was skeptical about even running for Governor, as he was fearful of the public speaking that would be required of him. However, with warm encouragement from his father and extension agent, Gordon Pafford, he ran and won.

After hearing James on several occasions, I know he needs to apologize to no one for his speaking ability, for he talks about what he's earned the right to talk about — 4-H and what it has meant to him. Also, I observed his parent's help, interest and support mean a lot, too. Getting elected to 4-H Governor "resulted not in self satisfaction, but a crushing humility and gratefulness for the support of so many people and the help of so great an organization as 4-H", James writes in his 4-H Record Book.

In continuing our interview, James stressed the importance of 4-H'ers uniting and working together. The 4-H exchange program is one of the best ways to get 4-H'ers united. This national program allows 4-H'ers to exchange visits in other states or counties. What better way could be used to promote good will and understanding among people of all regions.

After a Texas and Michigan 4-H'er visited in James' home, he related to me his slight prejudice against people from the north, but this exchange program gave him "a good opportunity to see how other people live and to understand them better".

To be 4-H Congress Governor is an outstanding honor in itself. However, his latest 4-H honor is serving as a member of the 4-H Report to the Nation team.

The eight member team is made up of two members from the south, east, mid-west and west. The team's main purpose is to acquaint the public and national leaders with trends and developments in 4-H. In addition to the public relations part, James said, "It also helps drum up some money for the club". He smiled and said this would also involve several trips. In fact, this month he's going to Louisiana.

James says traveling is educational in itself. "For example", he said, "at one of our team meetings we had elaborate, formally served meals at the Conrad-Hilton Hotel in Chicago. Then later the same day, the members of the Report to the Nation team visited a low income district in South Chicago. A newly formed 4-H Club here cooked dinner for their guests. Participating in two sides of life in one day is a real experience".

As he approached the end of his 4-H career, James so aptly said, "There's a new world coming, for me and for everyone else on this earth, and whatever preparation, whatever claim to accomplishment I have, I owe to the 4-H Club of the great state of Tennessee".

It's obvious 4-H has helped James accomplish much as he was Senior Class President, Student Council Vice-President, Captain of the Band and elected Senior Superlative "Most Intelligent".

Next month he will enter the University of Tennessee Knoxville on a \$700 4-H scholarship in pre-medicine. When asked his goal for a career, James said he'd like to be in medical research. Truly, James has taken the 4-H Pledge as a challenge for living —

"I pledge

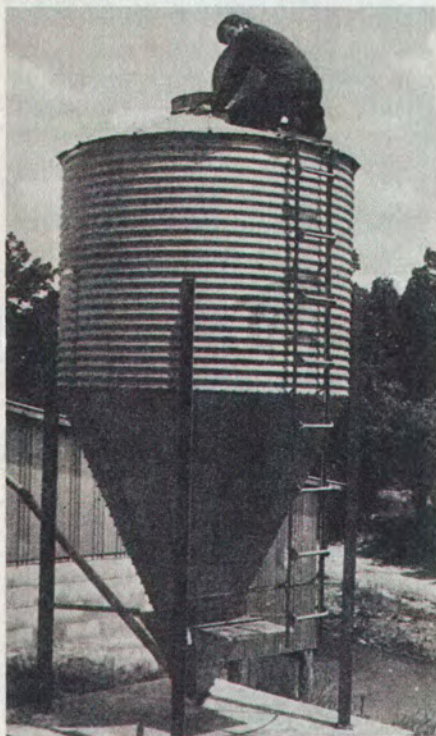
my **H**ead to clearer thinking,
my **H**eart to greater loyalty,
my **H**ands to larger service and
my **H**ealth to better living

for my club, my community and my country".

Good luck to James and to all other 4-H'ers who are striving to stay united and work together through the club that has that lucky four leaf clover as their emblem. After all, luck is hard work met with opportunity — and this is what 4-H offers.



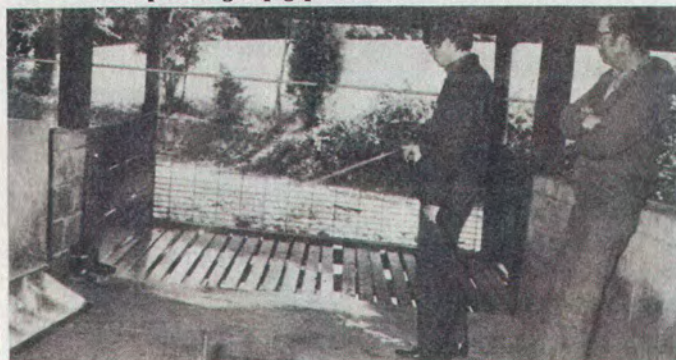
Mr. Gordon Pafford, Extension Agent in Sumner County, is proud of his outstanding 4-H'er as he and James look over his 4-H Record Book recording many activities in 4-H these past eight years. Many of the reports in the Record Book have even been typed by Mr. Pafford.



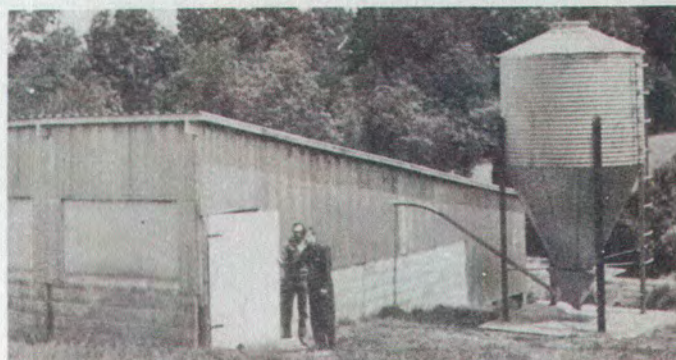
James, on top of the hopper bottom bin, is checking the grain, one of the many jobs involved in operating a pig parlor.



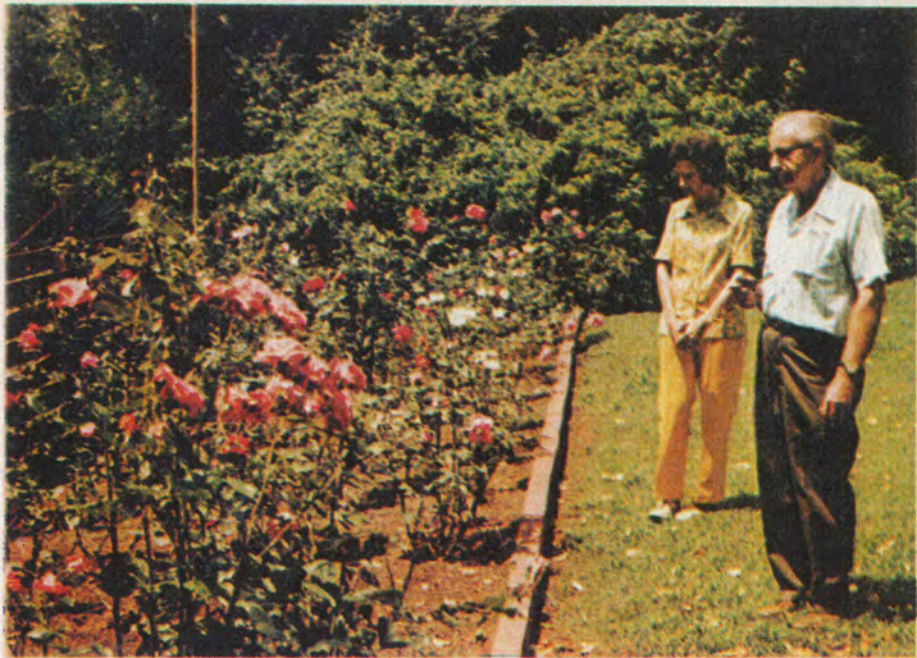
At the 4-H Congress, James Palmer (center), 1973 4-H Congress Governor, is shown with Kent Krisle, Robertson County Speaker of the House, and Betty Jo Robertson, Henry County Speaker of the Senate.



Frank Palmer supervises James as he cleans his pig parlor. Note on the left the feeder bins, sprinkler system across the pens and the automatic waterer.



With the help of James' father and grandfather, this pig parlor was constructed. His father is proud to say that James operates it himself.



He DID Promise Her a Rose Garden

but it cost him his putter & fishing rod



*Story and
Photography
by
Jim Lynch*

When you're as busy a man as Lester Hamm is, what with running your own general merchandise store and serving as President of Pickwick Electric Cooperative, not to mention his duties as Secretary-Treasurer of the statewide TECA, spare time becomes a premium.

Time was when these well deserved extra moments were devoted to golf and fishing — but no more — now there's another pastime that, as he puts it, "demands more time, it seems, than golf and fishing ever did."

He and his wife Doris have become avid rose growers, two of many hundreds of people around the world who derive great pleasure and satisfaction cultivating the "Queen of Flowers."

And, while Mrs. Hamm has been at it since their home was built in 1937, Mr. Hamm didn't get the "green thumb" until recently and only then on a sort of challenge. Noticing that his wife's roses weren't doing as well as he thought they should, he decided to "show her a thing or two" and converted their backyard into a full-fledged rose garden and began to "assist" her in the growing procedures. Pretty soon, they were equal partners in the venture and the results now show over 300 plants in 96 different varieties exhibiting an array of colors that would embarrass a rainbow.

Mr. Hamm shows a preference for the red varieties which his wife says is typical of men. She likes them all, but hints a special fondness for the colored types. They both agree that their mutual favorite is the multicolored "Peace" rose, not only for its beauty, but for its history as well.

Continued on p. 20

Tennessee's "Mr. Rural Electrification" Calls It A Day . . .

By John Stanford

The man often referred to as "Mister Rural Electrification of Tennessee" has retired and on the last day of May, his last day on the job, some 250 fellow employees, friends and rural electric cooperative leaders from across Tennessee and as far away as Washington, D. C., Georgia and Virginia gathered at Montgomery Bell State Park to make certain that the occasion was a momentous one.

The honoree was Paul Tidwell, a veteran of 46 years in the electrical distribution business, almost 34 of these as the first and only Manager of Meriwether Lewis Electric Cooperative, Centerville.

Tidwell, a man endowed with vast abilities, courage and initiative, is also a man of considerable modesty and, as such, would likely deny that his management has brought any greater success to his electric cooperative and the area that it serves than have the efforts of fellow electric co-op managers across the state of Tennessee. At the same time, it has been these fellow managers and their co-op Trustees who, for upwards of three decades, have voted Tidwell into the positions of responsibility and honor which have brought to him the deserved recognition as a State and National leader in cooperative rural electrification. Perhaps the highest of these honors came in 1965 when he was elected to a one-year term as President of the National Rural Electric Cooperative Association, the highest elective office in the field of cooperative rural electrification. So well did he serve that he was elected to a second term in 1966.

Principal speaker at Tidwell's retirement dinner was John Dolinger, Manager of Cumberland Electric Membership Corporation, Clarksville and Tidwell's successor as Tennessee Director on the Board of Directors of the National Rural Electric Cooperative Association. Dolinger cited the many organizations which Tidwell had served in various capacities through the years, including the Central services Association for 22 years (President for 10), the Central District Managers Association, the Tennessee Valley Public Power Association, the Middle Tennessee Association of Municipal and Cooperative Electric System Managers,

*Paul Tidwell Retires; Honored
By Many Friends, Employees*

the Tennessee River Valley Association, the National Rural Electric Cooperative Association (22 years, two as President), and the Tennessee Electric Cooperative Association.

Representatives of several of these organizations made recognition awards, ranging from framed resolutions to a lifetime membership to the retiring Tidwell, who also received a new set of golf clubs, including bag, a Polaroid camera and a tape recorder from his employees and trustees. These were presented by Henry Steele, Tidwell's successor as Manager of Meriwether Lewis Electric Cooperative.

Perhaps J. C. Hundley, Executive Manager of the Tennessee Electric Cooperative Association, made about as good a summary as can be made about such a versatile man, when he included the following remarks in his presentation of a Lifetime TECA Membership to Tidwell: "Mr. Tidwell is one of those natural born leaders who is a true friend . . . He has been in the forefront of every progressive stride our TECA has made since its inception in 1942 . . . He will give it to you straight from the shoulder, but nearly always in a constructive approach . . . He is the most responsible and dedicated man our electric program has ever known. . . Paul Tidwell initiates action. He always seems to be in on the beginning — the building — he seems always on the committee that starts a program and on the Board during the problem years . . . Paul Tidwell is a sound, practical thinker and a doer. He is respected and appreciated by his fellow man. His contribution is lasting."



John Dolinger, Manager of Cumberland Electric Membership Corporation, Clarksville, and Tidwell's successor on the Board of Directors of the National Rural Electric Cooperative Association, was principal speaker at dinner honoring Tidwell on his retirement.

Tidwell's retirement plans are not known, but are certain to include more time with his wife Hazel, son Clark, daughter-in-law Anne, and two grandsons.



James Milton, Manager of Gibson County EMC, Trenton, cites Tidwell in behalf of Tennessee River Valley Association. Milton also serves as President of the Tennessee Electric Cooperative Association.



Henry Steele, successor to Tidwell as General Manager of Meriwether Lewis Electric Co-op, presents the retiring Manager with a set of golf clubs on behalf of all employees and trustees of the cooperative.



J. C. Hundley, right, Executive Manager of the Tennessee Electric Cooperative Association, presents Tidwell a Lifetime Membership certificate in behalf of his organization. Tidwell formerly served on Board of Trustees of TECA.



Mr. Hamm related that this gold-blossomed jewel was bred in France by Francis Meilland in 1939. However, Meilland was trapped in his homeland during the Nazi occupation and just barely managed to get cuttings of his new flower sent abroad before the Hitler invasion.

It was not until after the war that Meilland learned that his cuttings had been used to propagate the rose that many experts consider the best ever developed and because of the recent conclusion to the conflict, it was given the name "Peace." From Meilland's one seed, more than 30 million bushes are now blooming around the world.

Mr. Hamm explained that each new rose developed is patented by its grower and, theoretically, royalties are paid to that grower anytime the flower is sold. The grower also gets to choose the name for the new plant and the possibilities are endless. There is a rose named for "Mr. Lincoln" and another for "Jiminy Cricket" just to name a couple.

The Hamm's haven't tried any experiments of their own on developing new varieties, they simply prefer to grow the types already in existence. They don't ever sell their roses either, but a lot are given away. And, naturally, Mrs. Hamm is in charge of decorations at their church.

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Perkins On Job As TECA Public Relations Director

Frank C. Perkins, Jr., a native Tennessean, became the Director of Public Relations for the Tennessee Electric Cooperative Association, effective June 1st. He succeeds T.O. Walker, recently resigned to accept a position with the Tennessee Municipal Electric Power Association.

Perkins, 43, was born at Hartsville. He received his elementary education in the Trousdale County School System and his secondary education at Morgan Preparatory School, Petersburg, and in the Trousdale County Schools.

Raised on a family farm, Frank recalls as a 7-year-old his family's first receipt of electricity, this from Tri-County EMC in 1937.

Perkins' first employment out of high school was with R.J. Reynolds Tobacco Company, a job cut short by the Korean conflict. After one year with the U.S. Air Force, he returned to operate the family farm because of his father's ill health.

Married to the former Huberta Hill of Franklin, Tennessee in 1953, the Perkins continued the farming operation until 1955 at which time Perkins was employed by the Firestone Rubber Co. Upon the death of his father in 1956, Perkins returned to the family farm in Trousdale County.

After the birth of two sons in 1956 and 1957, Perkins felt the need and desire for additional education so the family moved to Knoxville where Frank entered the University of Tennessee, College of Agriculture, in 1958. He received his B.S. degree in Agriculture in 1961 with majors in Animal Husbandry and Agricultural Education. Soon thereafter, he accepted a position with the State of Tennessee, Department of Agriculture, a position which he held until joining TECA last month.

The Perkins' third child, a daughter, was born in 1964. For four years, while Frank was employed by the State of Tennessee, the Perkins "city farmed" a 120-acre beef and tobacco farm in Williamson County.

The family now resides in Nashville.



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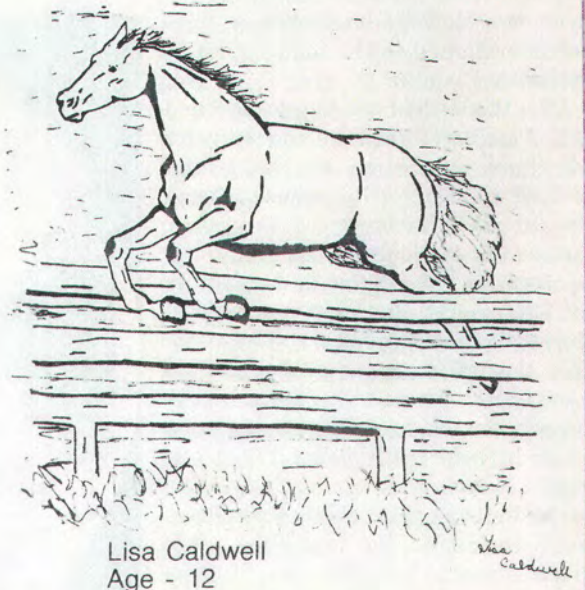
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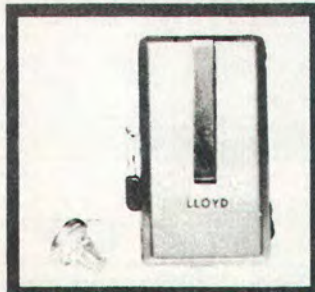
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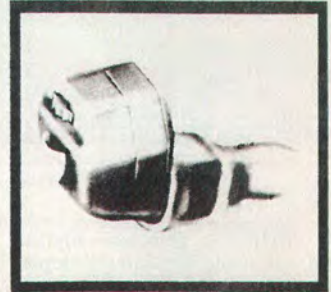
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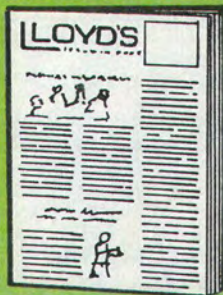


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