

Tennessee

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(See Pages 6-7)

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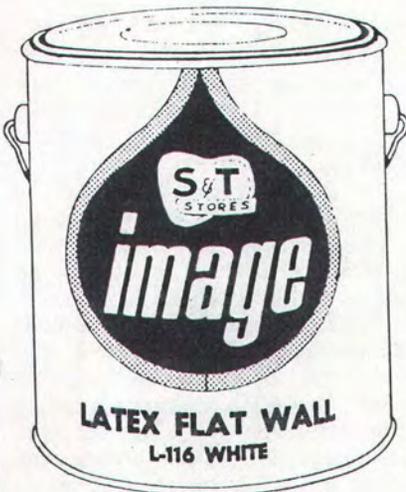
REDS	TWO TONES	CLIMBERS	YELLOW	PINKS	WHITES								
Red Radiance Better Times Crimson Glory Poinsettia Mirandy	President Hoover Betty Uphrad Edith N. Perkins Condesa de Sastago	Cl. Blaze Red Cl. Red Talisman Cl. Golden Charm Cl. Pink Radiance Cl. White Am. Beauty	Eclipse Golden Charm Peace Luzemburg Golden Dawn	Pink Radiance The Doctor Columbia Picture K. T. Marshall	K. A. Victoria Caledonia K. Louise Rax Anderson White Am. Beauty								
FLOWERING SHRUBS— 1 or 2 Years Old													
Cree Myrtle—Red, Purple, Pink, White, 1 to 2 ft.-----\$69 ea.	*Paw Paw, 3 to 5 ft.-----1.29 ea. *Sourwood, 2 to 3 ft.-----69 ea. *Yellow Buckeye, 1 to 2 ft.-----59 ea. Downy Hawthorn, 1/2 to 1 ft.-----59 ea. Dwarf White Buckeye, 1/2 to 1 ft.-----69 ea. Red Flowering Dogwood, 1 ft.-----1.29 ea. Red Flowering Dogwood, 2 ft.-----2.49 ea. Red Flowering Dogwood, 3 to 4 ft. 3.98 ea. 5-N-1 Flowering Crab, 3 ft.-----3.98 ea. Red Leaf Peach, 2 to 3 ft.-----89 ea.	Early Harvest Apple, 2 to 3 ft.-----89 ea. Early Harvest Apple, 4 to 6 ft.-----1.49 ea. Red Rome Beauty Apple, 2 to 3 ft.-----89 ea. Red Rome Beauty Apple, 4 to 6 ft.-----1.49 ea. Red Jonathan Apple, 2 to 3 ft.-----89 ea. Red Jonathan Apple, 4 to 6 ft.-----1.49 ea. Lodi Apple, 2 to 3 ft.-----89 ea. Lodi Apple, 4 to 6 ft.-----1.49 ea. Grimes Golden Apple, 2 to 3 ft.-----89 ea. Grimes Golden Apple, 4 to 6 ft.-----1.49 ea. Yellow Transparent Apple, 2-3 ft.-----89 ea. Yellow Transparent Apple, 4-6 ft.-----1.49 ea. Yellow Delicious Apple, 2 to 3 ft.-----89 ea. Yellow Delicious Apple, 4 to 6 ft.-----1.49 ea. Early McIntosh Apple, 2 to 3 ft.-----89 ea. Early McIntosh Apple, 4 to 6 ft.-----1.49 ea. 5-N-1 Apple—5 Varieties on each tree, 3 ft.-----3.98 ea. Montgomery Cherry, 2 to 3 ft.-----1.49 ea. Montgomery Cherry, 4 to 5 ft.-----2.98 ea. Black Tartarian Cherry, 2 to 3 ft. 1.69 ea. Black Tartarian Cherry, 4 to 5 ft. 2.98 ea. Early Richmond Cherry, 2 to 3 ft.-----1.69 ea. Early Richmond Cherry, 4 to 6 ft.-----2.98 ea. Kieffer Pear, 2 to 3 ft.-----1.49 ea. Kieffer Pear, 3 1/2 to 5 ft.-----1.98 ea. Orient Pear, 2 to 3 ft.-----1.49 ea. Orient Pear, 3 1/2 to 5 ft.-----1.98 ea. Bartlett Pear, 2 to 3 ft.-----1.49 ea. Bartlett Pear, 3 1/2 to 5 ft.-----1.98 ea. Moorpark Apricot, 1 to 2 ft.-----69 ea. Moorpark Apricot, 2 to 3 ft.-----98 ea. Early Golden Apricot, 2 to 3 ft.-----98 ea. Early Golden Apricot, 4 to 6 ft.-----1.49 ea. Nectarine, 1 to 2 ft.-----59 ea. Nectarine, 2 1/2 to 4 ft.-----98 ea. Damson Plum, 1 to 2 ft.-----59 ea. Damson Plum, 2 1/2 to 4 ft.-----98 ea. Red June Plum, 1 to 2 ft.-----59 ea. Red June Plum, 2 1/2 to 4 ft.-----98 ea. Bruce Plum, 1 to 2 ft.-----59 ea. Bruce Plum, 2 1/2 to 4 ft.-----98 ea. Methley Plum, 1 to 2 ft.-----59 ea. Methley Plum, 2 1/2 to 4 ft.-----98 ea. Burbank Plum, 1 to 2 ft.-----59 ea. Burbank Plum, 2 1/2 to 4 ft.-----98 ea.	NUT TREES—1 or 2 Years Old Hazel Nut, 1 to 2 ft.-----\$79 ea. Hazel Nut, 3 to 5 ft.-----1.98 ea. Butternut, 1 to 2 ft.-----39 ea. Butternut, 3 to 4 ft.-----98 ea. Chinese Chestnut, 1 to 2 ft.-----69 ea. Chinese Chestnut, 3 to 5 ft.-----1.49 ea. Hardy Pecan Seedlings, 1 to 2 ft.-----69 ea. Stuart Pecan—Papershell, 2 ft.-----2.98 ea. Stuart Pecan—Papershell, 3 1/2-5 4.49 ea. Mahan Pecan—Papershell, 2 ft.-----2.98 ea. Mahan Pecan—Papershell, 3 1/2-5 4.49 ea. Black Walnut, 1 to 2 ft.-----39 ea. Black Walnut, 3 to 5 ft.-----98 ea. English Walnut, 2 to 3 ft.-----98 ea. Shell Bark Hickory, 1 to 2 ft.-----69 ea. American Beech—Collected, 3-4 ft. 49 ea. Japanese Walnut, 3 to 4 ft.-----98 ea.	EVERGREENS—1 or 2 Years Old Glossy Abelia, 1/2 to 1 ft.-----\$29 ea. *American Holly, 1/2 to 1 ft.-----29 ea. *Rhododendron, 1/2 to 1 ft.-----49 ea. *Pfitzer Juniper, 1/2 to 1 ft.-----69 ea. Cherry Laurel, 1/2 to 1 ft.-----29 ea. Nandina, 1/2 to 1 ft.-----49 ea. Boxwood, 1/2 ft.-----39 ea. Irish Juniper, 1/2 to 1 ft.-----59 ea. Savin Juniper, 1/2 to 1 ft.-----59 ea. Red Berry Pyracantha, 1/2 to 1 ft. 49 ea. Yellow Berry Pyracantha, 1/2 to 1 ft. 49 ea. Burlford Holly, 1/2 to 1 ft.-----49 ea. Dwarf Burford Holly, 1/2 to 1 ft.-----69 ea. Wax Leaf Ligustrum, 1/2 to 1 ft.-----39 ea. Colorado Blue Spruce, 1/2 to 1 ft.-----39 ea. *Mountain Laurel, 1/2 to 1 ft.-----29 ea. *Canadian Hemlock, 1/2 to 1 ft.-----19 ea. *Short Leaf Pine, 1 ft.-----19 ea. Slash Pine, 1/2 to 1 ft.-----19 ea. *Red Cedar, 1/2 to 1 ft.-----19 ea. Hetzl Holly, 1/2 to 1 ft.-----59 ea. Japanese Holly, 1/2 to 1 ft.-----49 ea. Foster Holly, 1/2 to 1 ft.-----49 ea. Hellerl Holly, 1/2 to 1 ft.-----59 ea. East Palatka Holly, 1/2 to 1 ft.-----59 ea. Chinese Holly, 1/2 to 1 ft.-----69 ea. Andorra Juniper, 1/2 to 1 ft.-----59 ea. Cedrus Deodara, 1/2 to 1 ft.-----59 ea. Jap Yew, 1/2 to 1 ft.-----79 ea. Baker Arborvitae, 1/2 to 1 ft.-----59 ea. Berkman's Arborvitae, 1/2 to 1 ft. 59 ea. Globe Arborvitae, 1/2 to 1 ft.-----59 ea. Greek Juniper, 1/2 to 1 ft.-----59 ea. Gardenia—White, 1/2 to 1 ft.-----59 ea. Camellia—Red, 1/2 to 1 ft.-----79 ea. Norway Spruce—1/2 to 1 ft.-----29 ea. Euonymus Radican, 1/2 to 1 ft.-----29 ea. Euonymus Manhattan, 1/2 ft.-----29 ea. Euonymus Pulchellus, 1/2 to 1 ft.-----39 ea. Euonymus Dupont, 1/2 to 1 ft.-----29 ea. *White Pine, 1 ft.-----29 ea. Austrian Pine, 1/2 to 1 ft.-----29 ea. Mugho Pine, 3 to 5 inch-----39 ea. Scotch Pine, 3 to 5 inch-----19 ea. Western Yellow Pine, 3 to 5 inch-----19 ea. White Spruce, 1/2 to 1 ft.-----29 ea. Serbian Spruce, 1/2 to 1 ft.-----29 ea. Douglas Fir, 1/2 to 1 ft.-----39 ea. Clearya Japonica, 1/2 to 1 ft.-----49 ea. Elaeagnus Fruittlandi, 1/2 to 1 ft.-----29 ea. Thorny Eleagnus, 1/2 to 1 ft.-----49 ea. Hetzl Juniper, 1/2 to 1 ft.-----59 ea. Sargent Juniper, 1/2 to 1 ft.-----69 ea. Shore Juniper, 1/2 to 1 ft.-----49 ea. Yupon Holly, 1/2 to 1 ft.-----59 ea.	BERRIES, FRUITS AND HEDGE— 1 or 2 Years Old 10 Rhubarb, 1 year Roots -----\$1.50 10 Asparagus, 1 year Roots -----1.00 25 Strawberry—Blakemore or Tenn. Beauty -----1.00 25 Gem Everbearing Strawberry -----1.50 100 South Privet, 1 to 2 ft.-----2.49 25 North Privet, 1 to 2 ft.-----2.49 25 California Privet, 1 to 2 ft.-----2.49 25 Multiflora Rose, 1 to 2 ft.-----2.49	NATIVE WILD FLOWERS— 1 or 2 Years Old Collected from the Mountains 5 Lady's Slipper, Pink -----\$1.19 6 Blood Root, White Flowers -----1.19 6 Dutchman Breeches, White -----1.19 4 Jack-in-the-Pulpit, Purple -----1.19 3 Dogtooth Violet, Yellow -----1.19 20 Hardy Garden Violet, Blue -----1.19 3 Partridge Berry -----1.19 3 Passionflower -----1.19 6 Bird Foot Violet, Blue -----1.19 6 Trilliums, Mixed Colors -----1.19 6 Blue Bells -----1.19 6 Maiden Hair Fern -----1.19 8 Hayscented Fern -----1.19 10 Christmas Fern -----1.19 4 Cinnamon Fern -----1.19 3 Royal Fern -----1.19 6 White Violets -----1.19 6 Hepatica, Mixed Colors -----1.19 4 Solomon Seal, White -----1.19 3 Trailing Arbutus, Pink -----1.19 4 Sweet Williams, Pink -----1.19 4 Star Grass, White -----1.19 4 Golden Seal, White -----1.19 6 May Apple, White -----1.19 6 Cardinal Flower, Red -----1.19	FLOWERING TREES—1 or 2 Years Old Magnolia Grandiflora, 1/2 to 1 ft. \$49 ea. Magnolia Grandiflora, 2 to 3 ft. 1.98 ea. Magnolia Niagara, 1 to 2 ft. 1.39 ea. Magnolia Rustica Rubra, 1 to 2 ft. 1.49 ea. Mimosa—Pink, 2 ft.-----29 ea. Mimosa—Pink, 3 to 4 ft.-----49 ea. Mimosa—Pink, 4 to 6 ft.-----89 ea. American Red Bud, 2 to 3 ft.-----29 ea. American Red Bud, 4 to 6 ft.-----79 ea. White Flowering Dogwood, 2-3 ft. 29 ea. White Flowering Dogwood, 4-6 ft. 1.29 ea. Pink Flowering Dogwood, 1 ft.-----1.29 ea. Pink Flowering Dogwood, 2 to 5 ft. 3.98 ea. Golden Raintree, 1 to 2 ft.-----79 ea. Golden Raintree, 3 to 4 ft.-----2.49 ea. Golden Chain Tree, 1 to 2 ft.-----79 ea. Smoke Tree, 1 to 2 ft.-----1.49 ea. Purple Leaf Plum, 1 to 2 ft.-----59 ea. Purple Leaf Plum, 2 1/2 to 4 ft.-----89 ea. Purple Leaf Plum, 4 to 6 ft.-----1.98 ea. Flowering Peach—Red or Pink, 1 to 2 ft. 59 ea.—2 1/2 to 4 ft. 89 ea. Peppermint Flower, Peach, 2 1/2-4 ft. 89 ea. Dbl. Pink Flowering Cherry, 3-5 ft. 3.98 ea. Flowering Crab—Red or Pink, 2 to 3 ft. 98 ea.—4 to 6 ft. 1.98 ea. Chinese Red Bud, 2 to 3 ft.-----69 ea. *Tree of Heaven, 3 to 5 ft.-----69 ea. Dwarf Red Buckeye, 1/2 to 1 ft.-----69 ea. Magnolia Soulangiana, 1 to 2 ft.-----1.39 ea. Weeping Peach, Red or Pink, 1 ft. 69 ea. Weeping Peach, Red or Pink, 2-3 ft. 1.29 ea. White Flowering Peach, 2 to 3 ft. 98 ea. *White Fringe, 2 to 3 ft.-----98 ea. Japanese Flow. Cherry, 3 to 5 ft. 3.98 ea. European Mountain Ash, 3 to 4 ft. 2.49 ea. Paul's Scarlet Hawthorn— Red Blooms, 3 to 5 ft.-----4.49 ea. *Big Leaf Cucumber, 3 to 5 ft.-----1.69 ea.	DWARF FRUIT TREES— 1 or 2 Years Old Dwarf Elberta Peach, 2 to 3 ft.-----\$1.98 ea. Dwarf Elberta Peach, 3 1/2 to 5 ft. 2.98 ea. Dwarf Red Haven Peach, 2 to 3 ft. 1.98 ea. Dwarf Red Haven Peach, 3 1/2-5 2.98 ea. Dwarf Belle of Georgia Peach, 2-3 1.98 ea. Dwarf Belle of Ga. Peach, 3 1/2-5 2.98 ea. Dwarf Golden Jubilee Peach, 2-3 ft. 1.98 ea. Dwarf Red Delicious Apple, 2-3 ft. 1.98 ea. Dwarf Red Delicious Apple, 3 1/2-5 2.98 ea. Dwarf Yellow Delicious Apple, 2-3 1.98 ea. Dwarf Yellow Del. Apple, 3 1/2-5 ft. 2.98 ea. Dwarf Winesap Apple, 2 to 3 ft. 1.98 ea. Dwarf Winesap Apple, 3 1/2 to 5 ft. 2.98 ea. Dwarf Early McIntosh Apple, 2-3 1.98 ea. Dwarf Jonathan Apple, 2 to 3 ft. 1.98 ea. Dwarf Jonathan Apple, 3 1/2-5 ft. 2.98 ea. Dwarf Lodi Apple, 2 to 3 ft. 1.98 ea. Dwarf Lodi Apple, 3 1/2 to 5 ft. 2.98 ea. Dwarf Cortland Apple, 2 to 3 ft. 1.98 ea. Dwarf Cortland Apple, 3 1/2 to 5 ft. 2.98 ea. Dwarf Northern Spy Apple, 2-3 ft. 1.98 ea. Dwarf Northern Spy Apple, 3 1/2-5 2.98 ea. Dwarf Yellow Transparent Apple, 2 to 3 ft.-----1.98 ea. Dwarf Yellow Transparent Apple, 3 1/2 to 5 ft.-----2.98 ea. Dwarf Montgomery Cherry, 2-3 ft. 2.49 ea. Dwarf Bartlett Pear, 2 to 3 ft. 2.49 ea. Dwarf Kieffer Pear, 2 to 3 ft. 2.49 ea. Dwarf Burbank Plum, 2 to 3 ft. 2.49 ea.	VINES—1 or 2 Years Old Red Scarlet Honeysuckle, 1 ft.-----\$29 ea. Wisteria—Purple, 1/2 to 1 ft.-----29 ea. Bittersweet, 1 ft.-----29 ea. *Clematis Vine—White, 1/2 to 1 ft.-----29 ea. Grapes—Lutite or Niagara, 1/2-1 ft. 49 ea. Grapes—Concord or Fredonia, 1/2-1 49 ea. Grapes, Delaware or Catawba, 1/2-1 49 ea. Kudzu Vine, 1/2 to 1 ft.-----29 ea. Gold Flame Honeysuckle, 1 ft.-----29 ea. *Trumpet Creeper, 1/2 to 1 ft.-----29 ea. Yellow Jasmine, 1/2 to 1 ft.-----59 ea. *Vinca Minor Clump-----16 ea. Halls Honeysuckle, 1 ft.-----19 ea. English Ivy, 4 to 8 inch-----29 ea. Boston Ivy, 4 to 8 inch-----29 ea. Euonymus Coloratus, 1/2 to 1 ft.-----19 ea. Ajuga Bronze Ground Cover, 1 yr.-----19 ea. Euonymus Kewensis, 1/2 ft.-----19 ea. Virginia Creeper, 1/2 to 1 ft.-----29 ea.	BERRY PLANTS, ETC.— 1 or 2 Years Old Black Raspberry, 1/2 to 1 ft.-----\$29 ea. Red Everbearing Raspberry, 1/2 to 1 ft. 29 ea. Dewberry, 1/2 to 1 ft.-----29 ea. Boysenberry, 1/2 to 1 ft.-----29 ea. Blackberry, 1/2 to 1 ft.-----29 ea. Gooseberry, 1/2 to 1 ft.-----98 ea. Figs, 1 to 2 ft.-----98 ea.	BULBS AND PERENNIALS— 1 or 2 Years Old 3 Pampas Grass—White Plumes-----\$1.19 12 Hibiscus, Mallow Marvel in Mixed Colors-----1.19 8 Hollyhocks, Mixed Colors, Roots 1.19 10 Cannas, Red, Pink, Yellow-----1.49 20 Iris—Blue or Purple-----1.39 *20 Day Lilies, Roots, Orange Flowers 1.19 8 Creeping Phlox, Pink, Blue, White and Red-----1.39 6 Fanleaf Caladium, Red, White 1.39 50 Gladiolus, Mixed Colors-----1.98 8 Alyssum, Gold Dust-----1.19 8 Anthemis, Yellow-----1.19 8 Carnation, Red, Pink, or White-----1.19 8 Coreopsis, Sunburst Dbl.-----1.19	FLORIBUNDA ROSES— 2 Year Field Grown Floradora, Orange -----\$.89 ea. Red Pinocchio, Red -----89 ea. Goldlocks, Yellow -----89 ea. Summer Snow, White -----89 ea. Pinocchio, Pink -----89 ea.	PATENTED ROSES— 2 Year Field Grown Number 1 REDS Americana, Pat. No. 2058-----\$3.50 ea. Big Red, Pat. No. 2693-----3.50 ea. Grand Slam, Pat. No. 2187-----3.50 ea. Hawaii, Pat. No. 1833-----3.50 ea. War Dance, Pat. No. 2017-----3.50 ea. PINKS Dr. Debat, Pat. 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Tennessee MAGAZINE

Official Publication of the
**TENNESSEE ELECTRIC
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 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 Atlanta, Georgia. Published monthly at 2290 Marietta Blvd., N.W., Atlanta, Georgia 30318. Subscription price: 87¢ per year for members and \$1.00 per year for non-members.

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



ON THE COVER

Our "old mill" cover might take some of us back a few pleasant years, and it's pretty enough for all to enjoy. The full-color picture is by Photographer Monte Arnold of Shelbyville. Story is on pages 6 and 7.



Volunteer Views

By J. C. Hundley

An event of significance occurred last month when the Middle Tennessee Electric Membership Corporation acquired, by negotiation and purchase, the electrical distribution facilities of the Franklin Power and Light Company.

What makes this event particularly significant is the fact that the Franklin Power and Light Company was the last private power company distributing TVA-generated electricity in Tennessee.

With the exception of only one other private power company, which purchases its wholesale power from sources other than TVA, Tennessee is now entirely served by 22 rural electric cooperatives, 60 municipally-owned and three county-owned electric systems.

Without going into the many details of the TVA concept, this multi-purpose and exemplary Federal Agency came into being to help the development and progress of an entire area—the Valley of the Tennessee River and its immediate tributaries. One of the principal ways that this tremendous job could be done was to offer the people in the Valley the availability of adequate and dependable elec-

tric power at the lowest possible cost. This concept of service to many rather than of financial profit to a relatively few (private power company stockholders, a large percentage of whom lived in other states) did more than any other one thing to bring about the demise of the privately owned power companies in Tennessee. It was a normal, economic evolution from the TVA concept, rather than the Agency's intent, that the private power companies went out of business and were replaced as distributors by electric cooperatives, municipal and county systems.

We do not advocate that all electric power in the United States should be generated by such Federal Agencies as TVA any more than we advocate that the entire nation should be served exclusively by private power companies.

But we do believe that multi-purpose, regional-development concepts such as TVA are extremely vital and should be progressively continued, not only for the well being of the particular regions which they serve, but for the "balance wheel" effect which they have on our entire nation's electric power industry.

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CUT OUT ALONG DOTTED LINE AND MAIL



Rustic Falls Mill and adjoining Factory Creek just may be the bridge for the generation gap. Old and young alike enjoy purchasing natural foods such as stone-ground meal while observing a bit of "passing Americana."

Patty Comstock, DREMC Public Affairs Coordinator, talks to the Woodrow Crums and their "occasional guide-dog," Old Stupe, around their improvised heater.

FALLS MILL . . .

By Patty Comstock
Public Affairs Coordinator
Duck River Electric Membership Corp.

For those of you who are part of the now generation's devotion to natural foods and for those who are part of yesterday's generation with nostalgic memories of "passing Americana," take heart. There's a common meeting ground which can easily bridge your generation gap—Falls Mill.

Yes, a 100-year-old water-powered grist mill located in the Old Salem Community of Franklin County in South Central Tennessee is the answer to everyone's generation gap. If you want to return to the "basics" in life and indulge in only down-to-earth natural grown foods, here's the perfect place for you to purchase old fashioned stone-ground meals. On the other hand if you remember when weekly visits were made to the local mill to grind corn into meal, you're sure to enjoy an afternoon of reminiscing at the mill.

The two people responsible for bringing a bit of the good ole days back to life are Mr. and Mrs. Woodrow Crum. How a retired Army lieutenant colonel from Kentucky got together with a 100-year-old water-powered grist mill is an interesting story in itself. Mr. Crum's father owned and operated a grist mill in eastern Kentucky. Upon retiring from the Army, Mr. Crum decided he would like to follow in his father's footsteps and become a miller. How-

ever, there was one problem—where do you find an "operable" grist mill in the electronic age of the seventies?

After long weeks of mill-hunting and equipment-searching, a lucky thing happened. One day in 1968, while reading the newspaper at their home in Huntsville, Alabama, an ad caught their attention. Historic old Falls Mill near Winchester, Tennessee was for sale. Although a little unsure about what all was involved in renovating a mill, the Crums could not pass up such an opportunity. They decided to buy the century old mill and try their hand at restoring it.

They soon found that their newest purchase had a history all its own. According to Mrs. Crum, "the mill building was constructed in 1873 by Robert Mann and Ezariah Davis for the manufacture of woolen material and coarse cloth." As was true of construction in those days, the mill was built with wooden pegs, square nails, and with bricks, which were fired there on the premises.

Women's Lib would have found no prejudice in the mill's labor force—for it was all women. The women must have been industrious as evidenced by footprints in the floor boards on the second level of the mill. The women's pacing back and forth to operate the machines actually wore the wooden floor away in places. The mill then operated on a 24-hour-a-day basis, nine months out of the year.

The thread mill ceased operation in 1896 and was later reopened to be used as part of a cotton gin. In 1907 the wooden water wheel was replaced with a metal one. The cotton mill closed in 1942 and six years later Harry Dalton bought it. However, he plans to use the building for a wood products operation failed to materialize. The building remained unused until the Crums opened it in 1970.

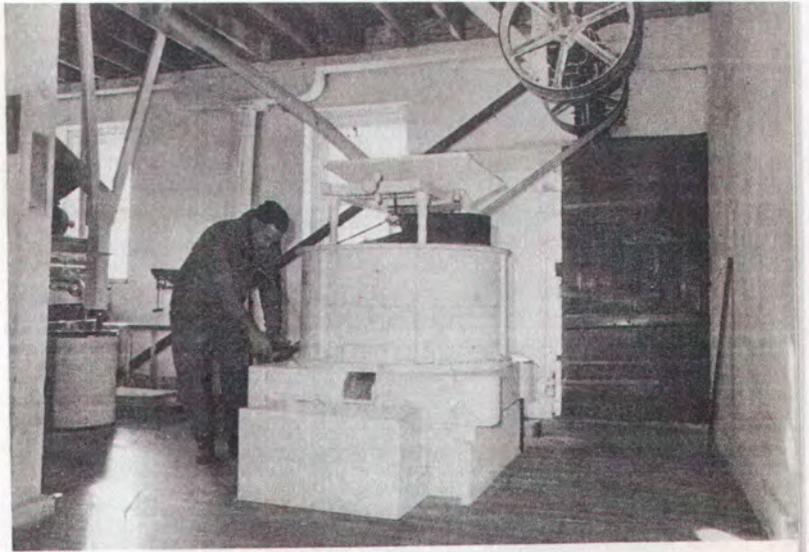
They purchased most of the equipment necessary for the mill's operation—mixers, sifters, and elevators—in the sale of the old Boiling Fork Mill at Winchester. The construction of Tims Ford Dam and Reservoir forced it to cease operation.

The mill's water wheel is 34 feet in diameter and is believed to be the largest in operation anywhere. In its three revolutions per minute the water wheel furnishes 100 horsepower to operate the grist mills, crusher, and flour mills. Operating eight hours a day, five days a week, the mill can produce 160 bushels (8,000 pounds) of meal or 12 barrels of flour a day.

Since most of the power is supplied by the water wheel, the operation of the mill has changed little in its 100 years of existence. However, there are changes. Electricity came to the rural areas of Franklin County, including Falls Mill, in the mid-30's when the rural electrification program began to spread across our land, thanks to



Mr. Crum inspects the meal as it falls into the bin from the huge grinding stones.



A Bridge For The Generation Gap

the Rural Electrification Act of 1935. Falls Mill is one of the more than 28,000 consumer-members today of Duck River Electric Membership Corporation. Although Falls Mill continues to use water power to produce meal and flour the old fashioned way, the use of electricity for lighting, for operating small hand tools, and for air conditioning a storage room adds a modern touch to the renovated mill's operation.

Mr. and Mrs. Crum operate the mill with the help of Adrian Gonsolin and Murrell Riley. Area farmers supply the mill with most

of its corn and wheat. The four people oversee the whole process from the inspection of the farmers' grains, through the grinding and various sifting processes, to the packaging of the finished products in attractive bags. Available for sale are packages of corn meal, whole wheat, buckwheat, and rye flours. Soy bean flour will be available soon. The Falls Mill products are distributed to many stores in several Middle Tennessee counties.

Falls Mill has become quite a tourist attraction since its opening a year and a half ago. Already Mr. and Mrs. Crum have played host to

more than 3,000 tourists who have found their way to the rustic-looking brick building with the ivy-covered entrance. The Crums enjoy the peaceful atmosphere of the mill with the clanking rhythm of the power wheel and the breathtaking beauty of adjoining Factory Creek and water fall in contrast to their 27 years of life on army bases. The town's newest millers aren't alone in their enjoyment of such an atmosphere. Representatives from television stations, area papers, the wire services and two movie companies have visited the

(Continued on Page 20)



The final step of packaging the meals and flours in attractive bags is a task Mr. and Mrs. Crum enjoy doing themselves.

The flour goes through this huge sifter for the final sifting to remove all the corn grain husks.



Modern Living...

For Boys Only

By Virginia Lowe, Home Economist
Cumberland Electric Membership Corp.

Whoever said, "Boys can't cook" needs to visit the modern living class at East Robertson High School in Robertson County.

Football Coach, Jack Patterson, says their boys make the best pizza he has ever eaten. "In fact, even my wife can't make pizza like this," Coach Patterson said.

Learning how to cook, how to select clothes and dress appropriately, how to apply for a job, and how to act like a gentleman are just some of the goals in the all-male modern living class taught by home economics teacher, Mrs. Joe Covington, at East Robertson High School in Cross Plains, Tennessee.

This class, one of only two or three throughout the state, originated two years ago when Mrs. Covington asked several boys if they would be interested in taking such a class. When four boys actually signed up for the class, the principal did not realize they were seriously interested, but thought they were just doing it to get out of taking another course. When these boys, including the football captains and other athletes, proved they were interested in this class, then the class was formed. In fact, it was such a success last year that it was continued this year.

Most of the twenty-three seniors and one junior took modern living this year upon recommendation from last year's students. They seem to feel that not only are they learning about things that will be helpful to know but they are gaining a lot of practical experience. They actually learn to do by doing.

Meal preparation and proper nutrition are two of the main areas of emphasis in the course. When questioned on their reasons for taking modern living, most stated that they wanted to learn to cook. As seniors, and probably "on their own" as bachelors next year, they felt it was important to know how to cook and care for themselves. Roger Redferin, one of the students, even commented that he wanted to know how to cook so that when he got married and his wife got mad and would not cook, he could cook for himself!

In the foods unit, they plan, prepare, serve and clean up complete

meals. The meals are thoroughly planned and a time schedule is made for preparing the meal. Duties of the host, hostess and waitress are alternated among the boys. Therefore, they learn the various responsibilities of each. In fact, one boy even told me that he had never realized all the work that is involved in preparing a meal.

These big, brawny athletes do more than just learn how to boil water. A typical menu has been orange juice, barbecued chicken, stuffed baked potatoes, green beans, congealed fruit salad, buttermilk rolls, banana pudding and iced tea. Faculty members and friends are sometimes invited as guests to these meals. In fact, Governor Dunn was even invited, but had to decline.

At first, some of the boys were ill at ease working in the kitchen. However, after having some practical experience and learning to operate the range, dishwasher and disposer, the boys prepare family meals at home and enjoy doing it.

Besides the actual meal preparation, the boys study correctable manners and other masculine graces. Several of them said they felt more at ease when they ate in a restaurant and had a date because they were no longer embarrassed wondering about the proper thing to do.

A detailed study on clothing, its selection, purchase, proper wear and care is another popular area of study in the class. In the modern living textbook, "Call Me Mister," there is a complete section on mens' wardrobe and the well-groomed man. The area of dress is one which presents particular problems for many men. Women seem to have a feeling, almost amounting to an instinct, for what looks good and what looks bad, and some men, (the lucky few,) also. But most men, if only occasionally, pull a blank when confronted with the problem of what to wear. Therefore, the students in modern living study how to dress to their best advantage on a limited clothing budget. John Payne, a senior, said, "Women could take this course all four years, but still could not learn to stay on a budget!" (For the female readers—Is it that we can't stay on a budget or that we just do not want to?)

Many of the boys indicated that

since studying about clothing, they were taking a more personal interest in their own clothes purchases and selections. In fact, many even learned how to tie a tie correctly for the first time. The unit helped the boys to become more aware of styles, fashions and trends.

While clothing is an external factor, the personality of the man wearing the clothing is vital as well. Personality development is another unit and includes the study of various desirable personality traits and how they can be developed. Certainly in order to be successful, one must have a pleasing personality.

Before the end of the year, a unit concerning applying for a job, business etiquette and salesmanship will be studied. The boys will learn how to prepare a job resume and other basic principles concerning working in today's world. Frequently, students (both boys and girls,) graduate from high school or college with no training relating to obtaining a job.

Last, but not least, the modern living class will study about the family in the modern world. This will include preparation for marriage and family financing.

Modern Living at East Robertson High School is thought of as a most practical and interesting course for any boy. Yes, some admit they first signed up for the course out of curiosity, but now feel it is the most practical course offered at East Robertson and can be applied after graduation. After talking individually with most of the twenty-four students in Mrs. Covington's class, it convinced me that every high school should offer Modern Living—for boys only!



Part of Modern Living Class group is planning for meal. (24 enrolled—23 seniors and 1 junior.)



Fondue Luncheon—Left to right—William Locke—Host; Jack Patterson—Football Coach and Math teacher; David Moore—Hostess; Billy Spivey—Waiter; John Yosent—Social Studies Teacher.



William Locke concentrating on task of stuffing potatoes. David Moore using electric mixer while preparing dessert.



Left to right: Charlie Cook — Hostess; Mrs. Don Trumphous — English teacher and Librarian; Terry Hester—Host, (serving plates); J. W. Browning—Agriculture teacher; Wayne Knight—waiter (inside door).

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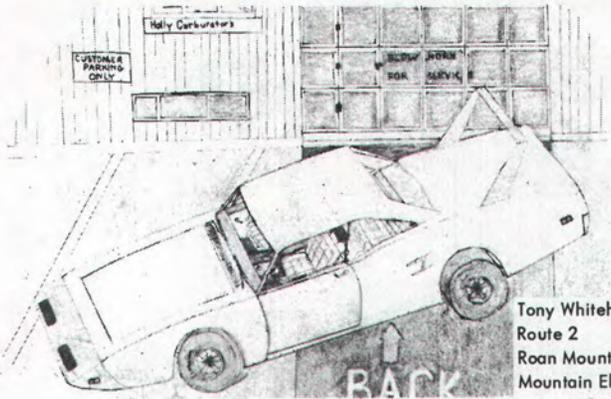
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Uncle John's Page

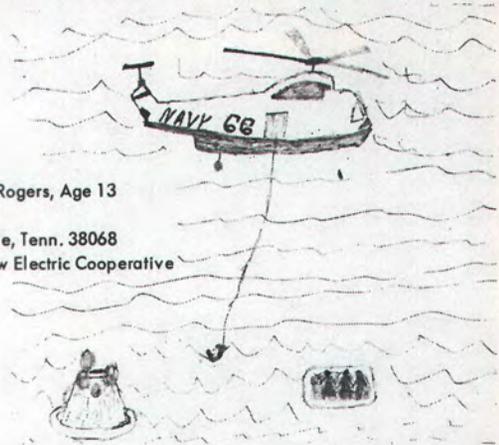
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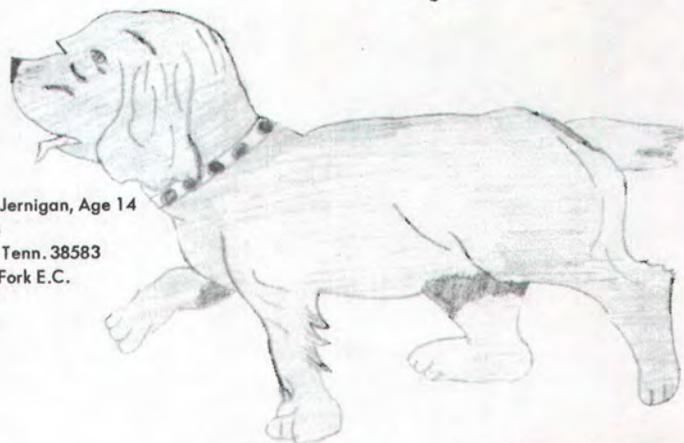
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TENNESSEE'S ELECTRIC COOPERATIVES

Timely Topics

SELECT SOIL FOR BURLEY WITH CARE

Although land selection is important to the successful production of all crops, it is especially critical for a high-value crop such as Burley tobacco, states a University of Tennessee agronomist.

"Tobacco, like corn, has a relatively high water requirement," says George J. Buntley, associate professor with U-T's Agricultural Extension Service. "Consequently, the water supplying capacity of the soil is an important property to be considered when you are selecting land on which Burley tobacco can be grown with the least risk."

Buntley explains that the water supplying capacity of a soil is determined by the texture of the soil material and by the position on the landscape in which the soil occurs. Medium-textured (loamy) soils generally hold large amounts of available water and therefore are well suited for tobacco. When these medium-textured soils occupy positions in the landscape that receive additional water as runoff from an adjacent area, their water-supplying capacity is even greater.

"Although it is extremely important that the soil selected for Burley be able to supply enough moisture to produce satisfactory yields," Buntley adds, "it is equally important that the soil be well drained and not have excessive amounts of water."

Poorly drained soils, or soils that are subject to frequent overflow or ponding, involve considerable risk and generally are looked upon as poor choices for tobacco soils.

The agronomist concludes by saying that in general, moderately deep to deep, well or moderately well-drained soils that have moderately high to high water-supplying capacities are considered to be the low-risk, high-potential Burley tobacco soils.

FACTORS AFFECTING NITROGEN SOURCES

The University of Tennessee Soil Testing Laboratory recommends the application of nitrogen for the production of many crops in the state.

"Generally, to meet these recommendations, an additional nitrogen source is required along with the nitrogen supplied by conventional complete fertilizers," says Donald D. Howard, a U-T soil fertility specialist. "Nitrogen recommendations are on the basis of pounds of nitrogen per acre and not pounds of a given nitrogen material. This is because there are several types of materials available on the market containing different nitrogen percentages. These nitrogen materials may also have different physical forms such as solid, liquid or gas."

There are specific conditions under which one nitrogen source may perform better than another, states Howard, assistant professor with the U-T Agricultural Extension Service. But most agronomic research on commonly produced crops shows no difference between the different sources when applied on a pound for pound basis and in a manner that minimizes losses. This research compared either growth or yield or both of a crop at a constant rate of nitrogen per acre.

The decision as to which nitrogen fertilizer to use should be based on sources available, comparative cost per pound of nitrogen (not the material) and method of application, the agronomist concludes.

CALF RAISING IMPORTANT PART OF DAIRY PROGRAM

The best way to increase milk production potential in the dairy herd is to raise calves sired by a "plus" proven dairy sire and out of your best cows, believes Herbert Holt, assistant professor with the University of Tennessee Agricultural Extension Service.

"Many dairymen fail to give the necessary attention to the offspring in order to have the heifer large enough to freshen at 23-27 months of age," Holt says. "Calf management starts before the calf is born. The way the cow is cared for two to three months before calving will help determine whether or not the calf will survive.

After the calf arrives, the dairyman should make very effort to see that the young calf receives colostrum milk within a very short time (one hour or less after birth). Since colostrum milk is high in solids, protein, vitamins and antibodies, it will help build adequate strength and protection against disease organisms that may enter the calf's system.

"If colostrum milk is not available, 25,000 to 50,000 units of Vitamin A should be given to the calf daily for the first four days," Holt states. "To further prevent infections, paint the navel with tincture of iodine immediately after the calf is born."

ANIMAL WASTE DISPOSAL MUST NOT POLLUTE

Farmers should be concerned about the threat of animal waste disposal to the pollution of water in streams and in the ground, believes H. O. Vaigneur, an agricultural engineer with the University of Tennessee. A farmer's objective should be to produce food without reducing the quality of water as it flows to streams and underground supplies.

"The Stream Pollution and Control Board, a division of the Tennessee Health Department, has the responsibility of seeing that the streams of the state are not polluted by agriculture, industry, municipalities, or individuals," says Vaigneur, associate professor with the Agricultural Extension Service. "Feedlot and dairy operators in particular are faced with the problem of preventing contamination of streams."

Several methods of disposal of farm wastes are being used, such as lagoons and liquid manure tanks, but farmers should be aware of several factors before seriously considering the construction of any of these systems, adds the engineer.

"First, a permit must be secured from the Stream Pollution Control Division of the Health Department" he says. "An inspection of the site and an appraisal of the operation will determine the status of a permit. If you plan on cost sharing through the ASCS office, you will need to have the Soil Conservation Service evaluate the site from the standpoint of soil conditions. The SCS must also make the final approval after construction has been completed."

Vaigneur emphasizes that the farmer is held responsible for the outflow from a lagoon and for the disposal of wastes from any system.

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A Staff Report

THE GREAT VOICE HAS A TENNESSEE DRAWL

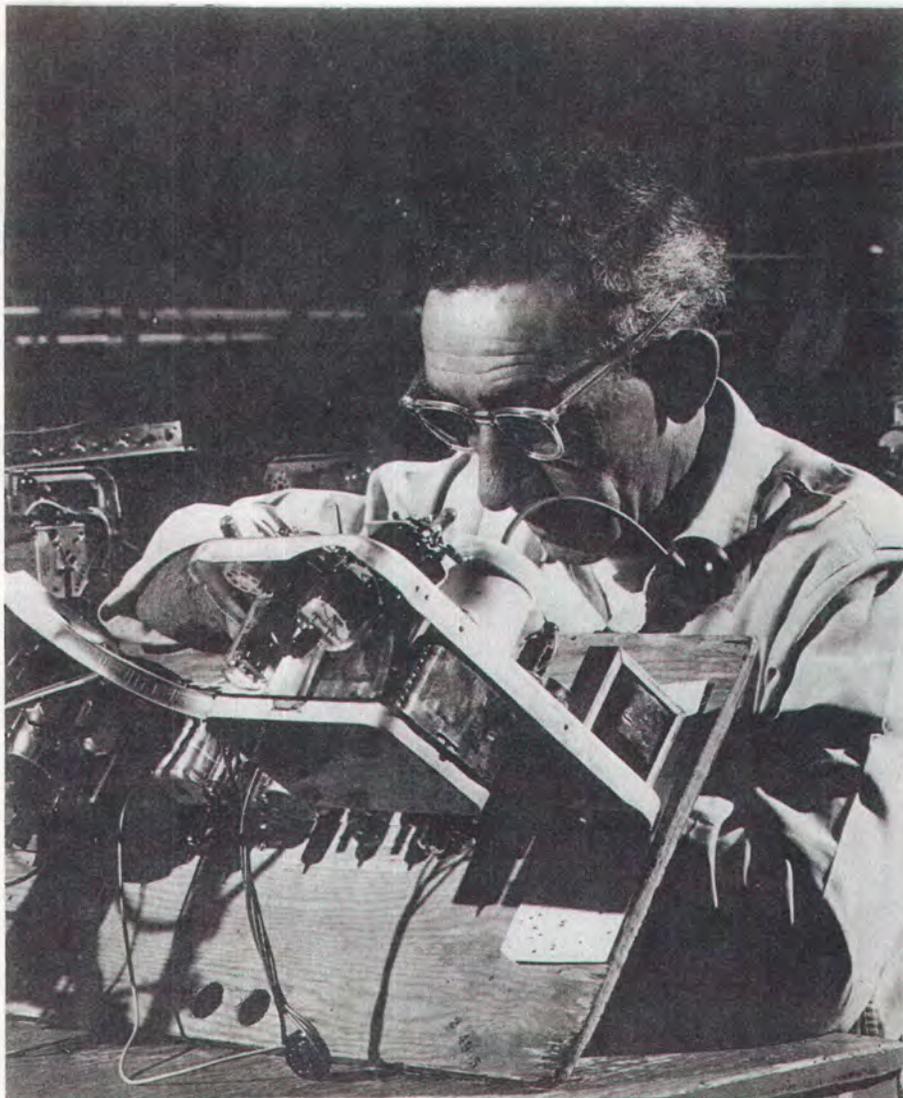
Magnavox literally means the "great voice"; and if you listen carefully you will notice that the voice now speaks with a slight drawl. Next year will mark the twenty-fifth anniversary since Magnavox opened its first consumer products plant in the South; a tobacco warehouse in Greeneville, Tennessee which was leased and converted into a cabinet manufacturing facility.

In April of 1948, a radio assembly line staffed by the first female employees, was put into operation on the second floor of the building, and in July of 1950, television production began in Greeneville. This was the first television assembly work to be done south of the Mason-Dixon line.

In the first quarter-century of its existence, Magnavox's consumer electronics division in the south has grown from that single facility in Greeneville, Tennessee to today's eleven plant operation spread over five states and two foreign countries and employing nearly 9,000 people.

The six Magnavox plants in Tennessee remain the hub of this division. These Tennessee plants, located in Greeneville, Jefferson City, Johnson City and Morristown, together employ more than 6,000 east Tennesseans. Between them, they manufacture a full line of Magnavox consumer electronic products; color and monochrome TV, phonographs, radios, stereo theaters and the fine-furniture cabinets which house the finished product.

The Jefferson City plant has, since it was built in 1956, received its electric power from the Appalachian Electric Cooperative. Usage today is about 1.5 million kilowatt hours every month; making Magnavox one of Appalachian's three or four largest customers. This one



Repairman makes adjustments on a TV chassis at the Greenville plant.

plant uses more electricity in a month than 100 homes use in a year; and this usage has increased ten-fold since the plant began operations. The Jefferson City facility, Magnavox's second largest Tennessee plant, produces cabinets, stereos, and color televisions — all under a single roof.

Every week, Magnavox employees in the Tennessee plants alone, cash a total paycheck of well over \$650,000 dollars. Every year, the company spends some \$29 million in the state of Tennessee for goods and services.

Before coming to the south, Magnavox had been a growing company for more than three decades. In fact, the company celebrates its 60th anniversary this spring.

It was on March 6, 1911 that three enterprising young men—Edwin Pridham, Peter Jensen and Richard O'Conner—founded a tiny, obscure electronics company in Napa, California. The initial investment was their combined de-

termination, skill and \$2500 in cash. Now known world-wide as the Magnavox Company, this same business has come a long way in the past 60 years. Today, sales are half-a-billion dollars annually and the company provides jobs for 20,000 people all over the world.

Of the score of companies which took part in the pioneering days of the electronics industry, Magnavox is among the handful which has survived to tell about it today. Through boom and bust and the past 25 years of unprecedented growth, the firm has carved a unique place for itself in the fiercely competitive electronics field... making significant contributions to the industry's techniques and know-how.

Ever since its co-founders invented the loudspeaker... whose basic principle is still used in every sound reproducing system in the world today... Magnavox has compiled an astonishing record of "firsts" in the industry. A few of

the best known are: the first electronic phonograph, the first hi-fi, the first single dial radio, the first portable stereo, the first transistorized phonograph, the first solid state radio-phonograph and the first fully automatic color TV. Today, Magnavox ranks first in sales among all U.S. stereo manufacturers and third in the booming color TV field.

In addition to the consumer electronics operation centered in Tennessee, Magnavox also has three other divisions. The GOVERNMENT & INDUSTRIAL DIVISION, which has been oriented toward products for the Department of Defense, has expanded recently into the industrial electronics field. Major developments in this area include the Magnafax (that astonishing device which sends and receives printed documents over the phone), optical scanners, cable and closed circuit TV cameras and navigation systems. Some Government products are communications systems, navigation systems, anti-submarine warfare systems, radar systems and data storage and retrieval systems.

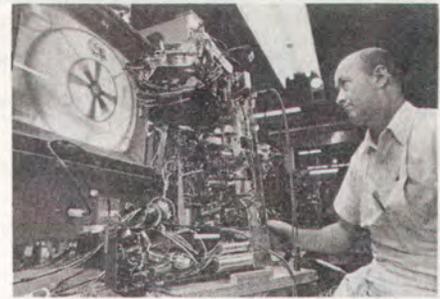
The FURNITURE DIVISION was originally formed when Magnavox acquired the Kent-Coffey and Cherokee Furniture Companies, and it was expanded in 1966 with the acquisition of the Blowing Rock Chair Company. In 1968, these four companies were combined as Consolidated Furniture Company. In 1969 and 1970, the Baker and Holland Furniture Companies were added to the furniture operation. Also in 1970, Magnavox negotiated the acquisition of LaSalle-Dietch, one of the country's leading suppliers of interior furnishings and floor coverings to mobile home and recreational vehicle manufacturers.

The BAND INSTRUMENTS DIVISION became a reality in early 1969 when Magnavox announced that H & A Selmer, Inc. had been merged into the Magnavox Company. Selmer, the largest manufacturer of musical instruments in the United States, is based in Elkhart, Indiana. Its product line includes such famous names as; Bundy, Signet, Bach and, of course, Selmer.

Magnavox has prospered for 60 years by fostering an atmosphere of excitement and discovery. Centered around its consumer electronics operation in Tennessee, Magnavox will continue to meet

the challenges of the future with insight and imagination. And always, the fun, excitement and discovery will remain; as exemplified in this recollection of a momentous day by company co-founder, E. S. Pridham:

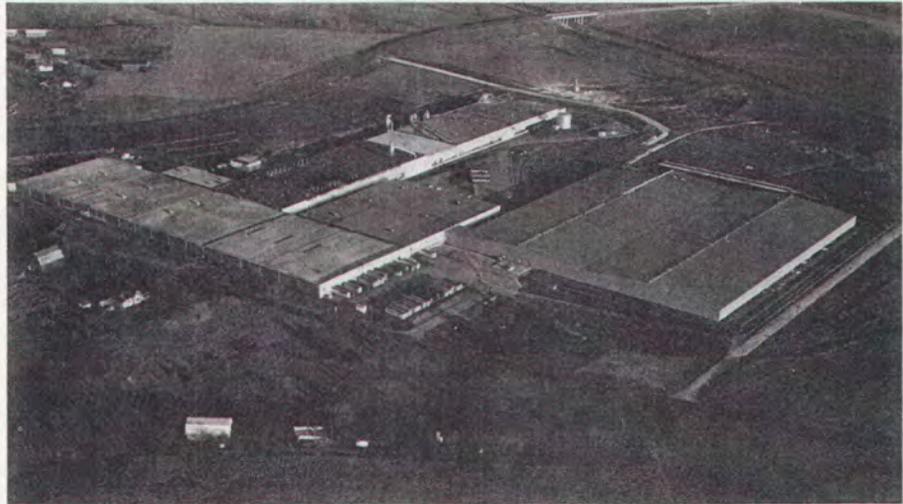
"The evening of the discovery of the loudspeaker was a memorable one for the tiny California town where we had our laboratory; for we gave a concert that could be heard by everyone in the city. We had placed the loudspeakers on a platform on the roof of the laboratory and had speeches, music from the phonograph and singing by a very fine contralto. Our telephone was kept busy for



A color television chassis is tested at Greeneville, Tennessee.

hours with requests for favorite numbers.

"For us and the company, it was the beginning of a new life ..."



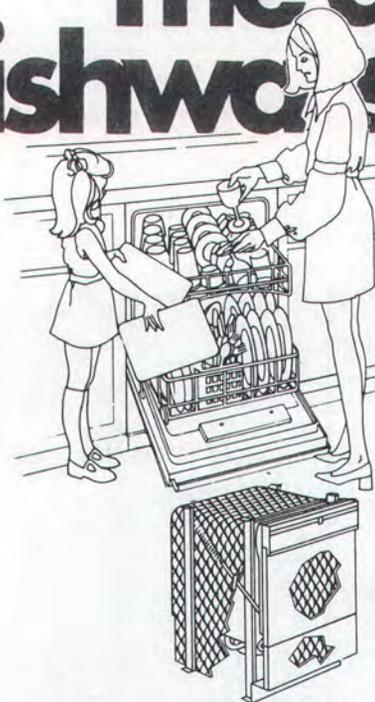
The Jefferson City, Tennessee Magnavox plant.



Appalachian Electric Cooperative, whose office headquarters at Jefferson City, Tennessee are shown above, has electrically served the Magnavox plant at Jefferson City since it was built in 1956.

Hotpoint

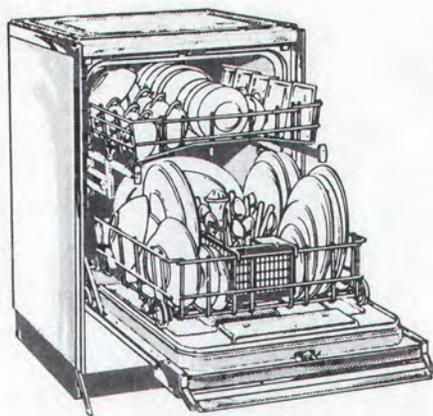
The quiet dishwasher.



Introducing the quiet side of our dishwasher. It's where extra sound-deadening insulation is wrapped all around the top, sides, back and service panel, and is even sandwiched in the door. We developed "Whisper-Clean" to wash your dishes thoroughly and quietly.

There are many other features on our deluxe Hotpoint dishwashers. Like our Sani-Cycle which assures the exact water temperature for proper washing and rinsing results. And our lift-a-level rack. It easily adjusts so you can do big platters or pans, and tall glassware all in one load.

and your local Hotpoint dealer would like to introduce you to the **greatest dishwasher you've never heard.**



- Deluxe convertible holds 17 place settings and converts to a built-in when ready
- 3 Level wash action, 5 cycle pushbutton selection
- Cherrywood cutting board with grooved top
- Sani-cycle for better washability
- Dual detergent dispenser
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- Porcelain enamel interior
- Crystal Clear rinse
- Lift-A-Level rack
- 1/2 H.P. motor

SO GOOD, SO QUIET, SO VERY RARE ...
HOTPOINT MAKES IT
and many other Models To!

PUZZLE CORNER

We were flooded with a surprising number of correct answers for the March puzzle.

This puzzle was rather complicated. Here is the problem:

If you take 20 dollars from the first and put it into the second of 3 purses, the second would then contain 4 times as much as remains in the first. If 60 dollars of what is now in the second is put into the third, the third will contain twice what is in the first and second together. Now, if 40 dollars be removed from the third and put into the first, there will be 1/2 as much in the first as in the third.

What did each purse hold originally?

The answer:

- Purse No. 1 had \$50
- Purse No. 2 had \$100
- Purse No. 3 had \$120

The first place winner of \$10 from THE TENNESSEE MAGAZINE is Bennie McBroom, Route 5, Brownsville, Tennessee, a member of South west Tenn. EMC.

Second and third prizes for \$5 each go to Harold Lynch, P.O. Box 48 Erin, Tennessee, a member of Meriwether Lewis Electric Cooperative and Mrs. Marvin Lonas, Route 2, Maryville, Tennessee, a member of Fort Loudoun Electric Cooperative.

And here is your April puzzle:

The following account of conditions on a remote South Sea Isle comes from a usually unreliable source. It seems that the M'gmb race inhabiting this isle is ruled over by a wily chief who has a passion for erecting monuments to himself. To do this work he hires men at 5 bmg's per day. The race is not noted for industriousness and the chief fines each man 7 bmg's for each working day when he loafs or is absent. Knowing his fellow M'gmb's well, the chief has chosen the rates so that each M'gmb just breaks even in every month of 24 working days. Thus the chief never has to pay out a single bmg. The question arises, how many days does a M'gmb work per month?

Send your name and address, along with the name of your electric cooperative to:

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 P.O. Box 7232
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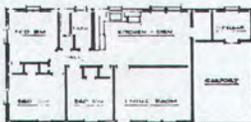
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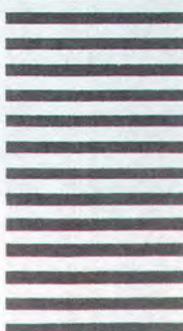
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NRECA'S 29th Annual Meeting Had "Power To Progress"

By John Stanford

With a convention theme of "Power To Progress," more than 10,000 rural electric cooperative Directors, Managers, members, key employees and friends from throughout the nation, almost 200 of them from Tennessee, gathered in Dallas, Texas recently for the 29th Annual Meeting of the National Rural Electric Cooperative Association.

A number of prominent Government officials were heard from in person and President Nixon sent the following message to the convention delegates: "It is a special pleasure to greet the members of the NRECA . . . to salute the traditional vision that has earned you your splendid reputation . . . All Americans know of your proven commitment to enriching and improving our way of life through the private enterprise system. I seek your continued support in carrying out those programs that will make our society better for all its citizens."

Among the Government officials appearing on the 4-day program were Secretary of Agriculture Clifford Hardin, Congressman Wright Patman of Texas, Congressman Chet Holifield of California, REA Administrator David Hamil, Senator Harold Hughes of Iowa, Deputy Administrator Maurice Williams of the State Department's Agency for International Development, and Senator Ernest Hollings of South Carolina.

For the second year in a row, Tennessee's representative in the "Miss Rural Electrification" beauty contest received outstanding recognition as Miss Jackie Hollie of Route 3, Union City, was chosen as "Miss Congeniality" by her sister contestants from throughout the nation. Miss Janet Porter of Route 2, Humbolt had reigned as "Miss Rural Electrification 1970" for the past year.

For Tennesseans, one of the features of the meeting was the annual Tennessee Breakfast, attended by virtually all Volunteer Staters present in Dallas. Making brief remarks at the Breakfast were REA Administrator Hamil, NRECA General Mgr. Robert Partridge,

NRECA President Louis Strong and Cumberland EMC General Manager John Dolinger, Tennessee Director on the NRECA Board. Presiding over the Breakfast was Thomas Hutchinson, President of the Tennessee Electric Cooperative Association.

Meriwether Lewis Electric Co-op, Centerville, received convention recognition with the receipt of the National Achievement Award in Rural and Community Development. Manager of Meriwether Lewis is Paul Tidwell, a former 2-term president of NRECA.

Mrs. John Dolinger served as

Official Chaperone for all "Miss Rural Electrification" beauty contestants.

Tennesseans serving on Standing Committees of NRECA are: Fred Key, Manager of Middle Tennessee EMC, Murfreesboro (Insurance and Employee Welfare); H. G. Gangwer, Sr., Manager of Fort Loudoun Electric Co-op, Madisonville (Management Advisory); and Earl F. Ware, Manager of Volunteer Electric Co-op, Decatur (Power and Water Resources.)

The 1972 Annual Meeting will be held in Las Vegas, Nevada.



Secretary of Agriculture Hardin

"I commend you on recognizing the need for stronger relationships with other electric systems and the progress you are making toward becoming an integral part of the electric utility business."



CFC Governor J. K. Smith and
REA Administrator David Hamil

(Hamil) "The most significant event of the year, and possibly for many years, was your response to the initial call of CFC to subscribe to capital term certificates . . . The financial world is beginning to look at rural electric cooperatives not as a bunch of little outfits, but as a unit."



NRECA Gen Manager Robert Partridge

"It is time to speak out against gross inconsistencies in our national policies. It is time to call upon the American people and the government to correct our priorities and meet today's power crisis head on."



Congressman Wright Patman

While you serve most of the land mass America, the rural electric cooperatives make up a relatively small percentage of the total power industry in this nation. But your leadership has far exceeded your size and I think it would be wise for the Congress and the power industry generally to pay more attention to the expertise that you have brought to the energy field."



Jackie Hollie, "Miss Tennessee Electric Co-ops", gives answer to question drawn from fish-bowl to some 10,000 persons attending the Beauty Contest. Later, Jackie received coveted award as "Miss originality."



Most of Tennesseans at Annual Meeting attended the Tennessee Breakfast held on Wednesday morning.

FALLS MILL . . .

(Continued)

mill and have devoted time in their particular news media to the unique landmark.

The Crums—always busy on a project—have plans in the making for a country store to be located on the second level of the mill. They have already acquired a player piano and various other antiques. As with the mill, they will take their time with this project until they find just the right articles for the country store.

If by chance you find yourself with a leisure afternoon, drive over to Falls Mill, located twelve miles west of Winchester off highway 64. If you're looking for a place to purchase stone-ground meal for your natural-food recipes; or if you just enjoy talking to interesting people and swapping "remember-whens" you're sure to have a good time with the Crums and their mill. In fact, you'll probably return again and again to buy water ground meals and flours, to talk to the Crums, and to get a glimpse of "passing Americana."

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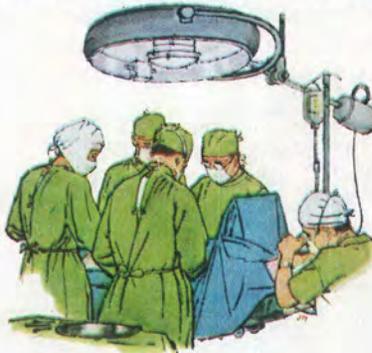
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30 FOR \$2.50
Normally Develop To Bushel Basket Size... Mounds of Brilliant Colors

These gorgeous CUSHION MUMS will be delivered this spring at half our catalog price in order to get new customers. Any spring planted Cushion Mum not producing a large number of blooms the fall after planting replaced free! Each plant normally develops to bushel-basket size when mature... covered with myriads of dazzling flowers, each flower 1 to 2 inches diameter... a giant ball of color. Hardy, assorted colors... red, yellow, bronze, pink, white, etc. as available. You get Chrysanthemum Root divisions from nursery grown proven blooming stock. Root and top growth may be already started when shipped this spring. If not satisfied on delivery at spring planting time return within 10 days for purchase price refund. If you order now you get 10 Mums for only \$1.00... or really save and order 30 for just \$2.50, or 100 for \$7.95. This bargain offer also makes available other popular flower garden plants and bulbs at sensational savings... plus valuable bonuses free of extra cost. Plan ahead... order your spring plantings now... and save big money.

Myriads of Dazzling Flowers!

Cushion Mums in bloom are truly a spectacular sight to behold! Best of all, they bloom in late summer and go on blooming into the fall when most other flowers have disappeared. So order now and save. Check coupon.

ORDER NOW—Pay On Arrival for Spring Planting.

More Bargains for Spring Planting—Fully Guaranteed

CREeping SEDUM (Sedum Spurium)
DRAGON'S BLOOD
8 Plants only \$1.00
\$1.85



Blooms in massive clusters of vivid dark red star-shaped flowers from mid summer to September. These hardy Michigan nursery grown plants rapidly spread to form a dense blanket of attractive ground cover that completely covers bare spots. Thrive in shade as well as full sun. Order today.

OUTDOOR GARDEN POOL \$3.98 COMPLETE



READY MADE
Ready-to-install sunken garden pool. Kidney shaped (3'5" x 2'3" level), has recessed water lily pot. Needs no plumbing. Sensational when surrounded by flowers, shrubs or garden plants and ideal for sparkling goldfish and colorful water lilies.



FREE of Extra Cost GIANT HIBISCUS
With Orders Totaling \$3.00 or More

Orders for spring delivery totaling \$3.00 or more get a Giant Hibiscus perennial root (Hibiscus mixed hybrid variety) without extra charge. Blooms with large flowers in late summer on stems up to 7 feet tall. Colors as available range from white and pink to darkest crimson. Planting stock we give is nursery grown from seed, 1 or 2 years old, never transplanted. Check coupon... mail today.

GIANT HIBISCUS—Plus 12 DUTCH ANEMONE BULBS
With Orders of \$6.00 or More

Anemones (Poppy Anemone) have richly colored, exotic blooms. Colors range from violet, blue, red to pink. When your bargain order totals \$6.00 or more you get the HIBISCUS plus 12 Imported Holland Anemones (2-3 cm. size). Plan ahead. Order our fully guaranteed flower garden planting stock now by checking coupon. Do it today. Blooms illustrated are reasonably accurate as to shape of varieties named although colors may vary because nature often turns out tints, shades and shapes found nowhere else. Any stock not blooming to your satisfaction replaced free (5 year limit).

50 Imported GLADIOLUS from Holland
\$1.69

These medium blooming size Glad Bulbs are already 2 1/2" to 3 inches circumference and will produce a rainbow of blooms in a mix of reds, yellow, purple, white, crimson, violet, multi-color, etc. as available. Order now. Check coupon.



FREE WATER LILY BULB Without Extra Cost

Healthy blooming size lake collected water lily bulb (Nymphaea Odorata). Given free with each pool.

8 HARDY CARNATIONS for only \$1.00

Showy and spicy fragrant garden carnations (Grenadin) bloom year after year without replanting. Large, colorful flowers bloom in abundance all summer even intermittently into fall. Bargain offer brings you 2 year Michigan nursery plants, field grown from seed, strongly rooted and ready for first transplanting in a rainbow mix of Pink, Red, Yellow, and White colors and varieties as available. 24 plants \$2.50.



BONUS FOR PROMPTNESS

Orders In Before May 15 Get FREE TUBEROSE

All orders mailed before May 15th receive bonus of #3 size Tuberosa Tuber (U.S.A. grown). Single Mexican variety blooms with fragrant variety blooms with fragrant waxy white flowers. This summer, on stems up to 3 1/2 feet tall. Don't wait. Now, today, mail the coupon.

SEND NO MONEY

Just fill in coupon and get your choice of these amazing, money-saving bargain offers. When order is delivered in time for spring planting pay thru postman plus C.O.D. postage. If you send remittance with order to save C.O.D. charges, add 60c and we will ship postage paid, including FREE a valuable CANDLES-OF-HEAVEN Plant (our \$1.00 value). All bonuses to which you are entitled come with your order. If you aren't satisfied on inspection, return within 10 days and we refund purchase price. Don't wait. Mail order today.

MAIL THIS MONEY-SAVING COUPON NOW

MICHIGAN BULB COMPANY, Dept. CK-1581
Grand Rapids, Michigan 49502

Please send me items checked below in time for regular spring planting. I will pay postman on arrival the total amount of order plus C.O.D. postage on the understanding every item is guaranteed to satisfy or I may return within 10 days for purchase price refund.

- 10 Cushion Mums (Chrysanthemums) Ass'ted Colors.....\$1.00
- 30 Cushion Mums.....\$2.50
- 100 Cushion Mums.....\$7.95
- 4 Creeping Sedum (Dragon's Blood).....\$1.00
- 8 Creeping Sedum.....\$1.85
- 10 Mound Asters.....\$1.98
- 20 Mound Asters.....\$3.75
- 50 Gladiolus—Medium Size Imported From Holland.....\$1.69
- 8 Dahlia Roots—Assorted Colors.....\$1.99
- Garden Pool (plus Free Water Lily Bulb).....\$3.98
- 2 Garden Pools (plus 2 Water Lily Bulbs).....\$7.55
- 6 Creeping Phlox (Mixed Colors).....\$1.00
- 18 Creeping Phlox.....\$2.99
- 8 Carnations—Mixed Colors.....\$1.00
- 24 Carnations.....\$2.50
- 8 Shasta Daisies.....\$1.00

Total Amount of Order, \$

- Order totals \$3.00 or more. Send 1 Giant Hibiscus without extra charge.
- Order totals \$6.00 or more. Send 1 Giant Hibiscus plus 12 Imported Holland Anemones without extra charge.
- This order mailed before May 15th. Include Tuberosa without extra charge.
- Send C.O.D. plus postage.
- SPECIAL: Remittance enclosed. Add 75c and we not only send order postage paid but also include extra bonus of CANDLES-OF-HEAVEN PLANT.

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

Lovely Hardy ASTERS
10 for \$1.98
Low Growing Bushy



Bush out in low 1 to 1 1/2 ft. mounds of richly colored flowers. Hundreds of blooms of Blue, Red, White, Pink as available. These Michigan nursery grown root divisions are ready for first transplanting to your garden. 20 plants for \$3.75.

8 DAHLIAS
For only \$1.99

How freely they bloom with rich autumn flowers. Assorted giant decorative and double ball type. Beautiful reds, yellows, lavender, pink, bronze, etc. as available. Check coupon for Spring planting delivery and mail today. Every Dahlia guaranteed



CREeping PHLOX (Phlox Subulata) 6 for \$1.00
Mich. Nursery Grown Peren.
18 FOR ONLY \$2.89



Spreads 12 inches in diameter when mature. Clusters of flowers in spring, each brilliant bloom about an inch across. Lovely foliage carpets ground and stays green almost all year. Valuable for borders, boundaries, banks, bare spots. Healthy, hardy perennial plants one year old. Ass'ted colors: Red, Rose-purple, White, Blue, Pink, as available. Order now.

SHASTA DAISIES
8 For Only \$1.00

(Chrysanthemum Maximum) Few perennials can match the Shasta Daisy for the abundance of large glistening white golden centered blooms. These long 2-foot stemmed beauties are outstanding in the garden and make excellent bouquets. Special offer brings 8 vigorous Michigan Nursery grown plant divisions for only \$1.00. 24 only \$2.50. Order today.



MICHIGAN BULB COMPANY DEPT. CK-1581
Grand Rapids, Mich. 49502