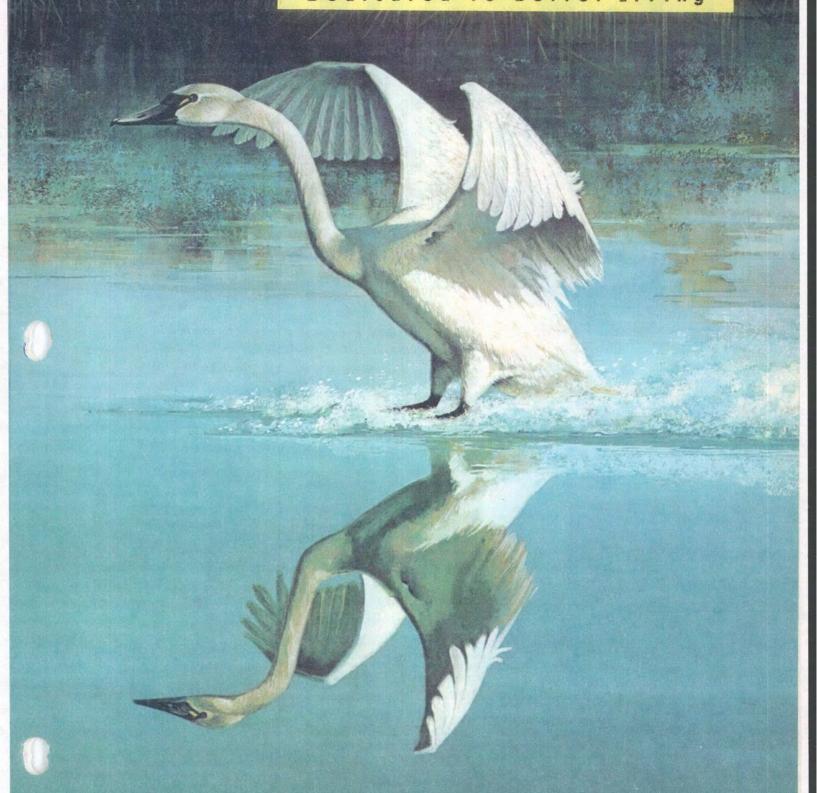
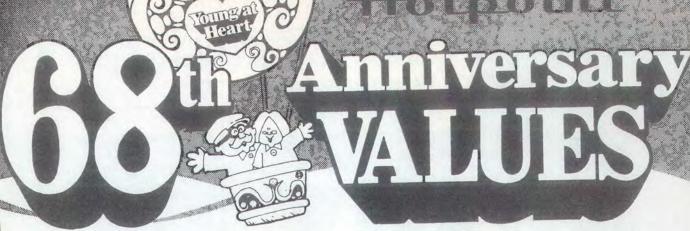
Tennessee

M A G A Z I N E



R.J. Mc Book



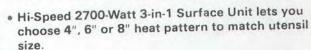
Hotpoint 747 Range

Jet-Age Oven Cleaning!
JUST 30-SECONDS TO SET CONTROLS.



 Pyrolytic Oven cleans itself automatically, electrically, including shelves, oven door, window and surface unit drip pans. Safe, easy to use, with "Clean" and "Lock" Indicator Lights.

 Deluxe glass control panel with Infinite Heat Surface Unit controls.



. Oven timing clock.





CUSTOMER CARE
... EVERYWHERE

Hotpoint Fast, Dependable Service



Hotpoint Refrigerator-Freezer

- No-Frost throughout!
- 12.91 cu. ft. fresh food section;
 4.78 cu. ft., 167.3 lb. freezer
- Specialized storage for eggs, butter, cheese and produce
- · Easy-Release Ice Trays
- Equipped for optional Automatic Icemaker (available at extra cost)



Hotpoint Built-In Whisper-Clean Dishwasher

- 8 Washing Cycles, including Sani-Cycle option and Soak & Scrub Cycle for heavily soiled loads
- Self-Cleaning Action with Soft Food Disposer
- Lift-A-Level™ Upper Rack



Hotpoint Barracuda Disposall

Food Waste Disposer

- Shreds food wastes, even bones, pits and corn cobs
- Jam-freeing design
- · Wrap-around sound insulation
- Simple 3-bolt Hang System for easy installation

Model HMA401



18-Pound Automatic Washer

- 18 lb. Power Agitator
- . Self-Cleaning Filter Ring
- Three Agitation/Spin Combinations, special "Gentle Wash" and Soak Cycles.
- · Four optional water-level settings
- Five water temperature settings

NURSERY STOCK SALE!

OVER 350 VARIETIES TO CHOOSE FROM

Planting instructions included in each order. Every plant will be labeled.

ORDER BY MAIL!

Red Rome Red Jonat Red Jonat

Lodi Appli Lodi Appli

Rose Bushes: 2 yr. field grown blooming size bushes. All monthly bloomers in these varieties. 49¢ each. Prices on Rose Bushes: 49¢ each, 6 for \$2.89-12 for \$5.69, your choice of varieties.

each, o for	\$2.89-1.	z for a	5.09, your	choice	or vari	ene	5.		
REDS	TWO TO	NES	CLIMBER	25	YELLOW	s	PINKS	WHITES	
Red Radiance	President Ho	over	Cl. Blaze Red		Eclipse		Pink Radiance		1
Better Times	Betty Upriche	ard	Cl. Red Talism			arm	The Doctor	Caledonia	
Crimson Glory			Cl. Golden Ch		Peace		Columbia	K. Louise	
	Contrast		Cl. Pink Radia		Luxemberg		Picture	Rex Anderson	
Mirandy	Condesa de S	sastago	Cl. White Am.	Beauty	Golden Da	wn	K. T. Marshall	White Am. Be	auty
en Jubilee Peach, 3 to 5 ft.	1.19 еа.	°Clematis	Vine-White, 1/	5 to 1 ft.	29 ea.	Red	Everbearing Raspbe	rry, V2-1 ft	29 ea.
mpion Peach, 1 to 2 ft mpion Peach, 2 to 3 ft	49 ea.	Grapes-	Luttie or Niagara	s, 1/2-1 ft.	.59 ea.	Dewb	erry, V2 to 1 ft		29 ea.
mpion Peach, 2 to 3 ft	79 ea.	Grapes-	Concord or Fredo Delaware or Cata	mia, V2-1	.59 ea.	Boyse	enberry, Va to 1 ft		29 ea.
mpion Peach, 3 to 5 ft gold Peach, 1 to 2 ft	1.19 ea.	Krapes	Delaware or Cata ne, V2 to 1 ft	rwba, 1/2-1	.59 ea.	Black	aberry, 1/2 to 1 ft.		29 ea.
gold Peach, 2 to 3 ft	79 ea.	Gold Flan	ne Honeysuckle	ft	- 29 00	Figs.	1 to 2 ft		98 ea.
onld Peach 3 to 5 ft	1 19 ea	"Trumpet	Creeper, 1/2 to ismine, 1/2 to 1	1 ft	29 ea.				
e Peach, 1 to 2 ft	49 ea.	Yellow Ja	ismine, 1/2 to 1	ft	59 ea.	E	BULBS, AND P	ERENNIALS-	_
e Peach, 2 to 3 ft	79 ea.	^o Vinca M	inor Clumps		06 ea.		1 or 2 Y		
e Peach, 3 to 5 ft	1.19 ea.	Facilish Is	eysuckle, 1 ft		19 ea.	3	Pampas Grass—W		\$1.19
man Winesap Appie, 2 to 3 f man Winesap Apple, 4 to 6 f	t07 ea.	Boston fy	y, 4 to 8 inch -		29 ea.		Hibiscus, Mallow !		44.47
Delicious Apple, 2 to 3 ft	,89 ea.	Euonymus	Coloratus, 1/2 to	1 ft	19 ea.		in Mixed Colors	*********	
Delicious Apple, 4 to 6 ft	1.49 ea.	Ajuga Bro	onze Ground Cove	r, 1 yr	19 ea.		Hallyhocks, Mixed		
y Harvest Apple, 2 to 3 ft y Harvest Apple, 4 to 6 ft	89 ea.	Euonymus	Kewensis, 1/2 f		49 ea.	10	Cannas, Red, Pink	Yellow	1.49
y Harvest Apple, 4 to 6 ft	1.49 ea.	Virginia (reeper, V2 to 1	ft.	29 ea.	20	Iris-Blue or Pur Day Lilles, Roots,	Orango Elman	1.39
Rome Beauty Apple, 2 to 3 f Rome Beauty Apple, 4 to 6 f	t89 ea.	MILT	TREES-1 or	2 Vaar	bin a	8	Creeping Phlox, Pi	nk. Blue.	4.17
Jonathan Apple, 2 to 3 ft	89 ea.					-	White and Red		1.39
Jonathan Apple, 4 to 6 ft	1.49 ea.	Hazel Nut	, 1 to 2 ft , 3 to 5 ft		-1.98 ea.		Fancy Leaf Caladi	um, Red, White	1.39
Apple, 2 to 3 ft	89 ea.	Butternut	1 to 2 ft		49 ea.	50	Gladiolus, Mixed (colors	1.98
Apple, 4 to 6 ft	1.49 ea.	Butternut	3 to 4 ft	******	-1.49 ea.	8	Alyssum, Gold Dusi Anthemis, Yellow		1.19
nes Golden Apple, 2 to 3 ft nes Golden Apple, 4 to 6 ft	1 49 ea.	Chinese C	hestnut, 1 to 2	ft	69 ea.	B	Carnation, Red, Pi	nk or White	1.19
ow Transparent Apple, 2-3 ft			hestnut, 3 to 5 can Seedlings, 1			8	Coreopsis, Sunburs	Double	1.19
ow Transparent Apple, 4-6 ft.	- 1.49 ea.	Stuart Pe	ran—Panershell	2 #	.2 98 ea	8	Candytuft (Iberis),	Semp. White -	1.19
ow Delicious Apple, 2 to 3 ft.	89 ea.	Stuart Pe	can—Papershell,	342-5 ft.	4.49 ea.	8	Babysbreath, Whit Gaillardia, Red	e	1.19
ow Delicious Apple, 4 to 6 ft	1.49 ea.	Mahan Pe	can-Papershell,	2 ft	2.98 ea.	8	Gaillardia, Red Blue Flax (Linum)		1.19
y McIntosh Apple, 2 to 3 ft. y McIntosh Apple, 4 to 6 ft.	1.49 ea.	Mahan Pe	can-Papershell,	31/2-5 ft.	4.49 ea.	8	Shasta Daisy, Ala:	ka	1.19
1 Apple—5 Varieties on	1.47 ea.	Black Wa	Inut, 1 to 2 ft. Inut, 3 to 5 ft.		39 ea.	6	Delphinium, Dark	Blue	1.19
ich tree, 3 ft	3.98 ea.	English W	alnut, 2 to 3 ft.		3 98 ea	8	Tritoma, Mixed Dianthus, Pinks -		1.19
tmorency Cherry, 2 to 3 ft	1.49 ea.	Shell Barl	k Hickory, 1 to 2	ft	69 ea.	8	Dianthus, Pinks -		1.19
tmorency Cherry, 4 to 5 ft	2.98 ea.	American	Beech-Collecte	d, 3-4 ft.	.49 ea.		Lupines, Mixed Co Sedium, Oragon B		
k Tartarian Cherry, 2 to 3 f k Tartarian Cherry, 4 to 5 f	t1.69 ea.	Japanese	Walnut, 3 to 4	ft	98 ea.	4	Clematis, Yellow	000	1.19
Richmond Cherry, 2 to 3 ft.	1.69 ea.	EVEDO	DEFNC 1 -	- 2 Van	hin or	8	Fall Asters, Red o	r White	1.19
Richmond Cherry, 4 to 5 ft.			REENS-1 0			8	Fall Asters, Pink	or Lavender	1.19
er Pear. 2 to 3 ft	1.49 ea.	Glossy Ab	elia, ½ to 1 ft. Holly, ½ to 1	44	\$.29 ea.	06	Yucca, Candle of	Heaven	1.19
er Pear, 31/2 to 5 ft	1.98 ea.	® Rhododer	dron. 1/2 to 1 ft		.49 ca.	2	Oriental Poppy, So Peonies, Red, Pink	or White	1.19
nt Pear, 2 to 3 ft nt Pear, 31/2 to 5 ft	1.47 ea.	Pfitzer Ju	ndron, 1/2 to 1 fi niper, 1/2 to 1 fi		.69 ea.	5	Mums, Red or Yell	OW	1.19
lett Pear, 2 to 3 ft	1.49 ea.	Cherry La	urel, 1/2 to 1 ft.		.29 ea.	4	Mums, Red or Yell Dahlias, Red or Pi	nk	1.19
lett Pear, 31/2 to 5 ft	1.98 ea.	Nandina,	1/2 to 1 ft 1/2 ft		.49 ea.	4	Dahlias, Purple or	Yellow	1.19
part Apricot, 1 to 2 ft,	69 ea.	Irish Juni	per, 1/2 to 1 ft.		.59 ea.	3	Liriope, Big Blue Liriope, Variegated		1.19
part Apricot, 2 to 3 ft Golden Apricot, 1 to 2 ft	98 ea.	Savin Juni	per, 1/2 to 1 ft.		.59 ca.	3	Liriope, variegated		1.19
Golden Apricot, 2 to 3 ft		Red Berry	Pyracantha, 1/2	to 1 ft	.49 ea.	RE	RRIES, FRUITS	AND HEDGE	
arine, 1 to 2 ft	59 ea.		rry Pyracantha, 1			DL			_
arine, 21/2 to 4 ft	98 ea.	Burfordi F	lolly, 1/2 to 1 ft.	. 1 6	.49 ea.		1 or 2 Ye		
son Plum, 1 to 2 ft	59 ea.	Wax Leaf	fordi Holly, 1/2 t Ligustrum, 1/2 ti	1 ft	.09 ea.	10	Rhubarb, 1 year R Asparagus, 1 year	Donts	\$1.50
son Plum, 2½ to 4 ft June Plum, 1 to 2 ft	98 ea.	Colorado I	Blue Spruce, 1/2	to 1 ft	.39 ea.	25 5	Strawberry—Blake	more or	1.00
June Plum, 21/2 to 4 ft	,37 ea.	*Mountain	Laurel, 1/2 to 1	ft	.29 ea.		Tenn. Beauty		1.25
e Plum. 1 to 2 ft	59 ea.	*Canadian	Hemlock, 1/2 to	1 ft	.19 ea.	25 (Gem Everbearing S	trawberry	1.50
e Plum, 21/2 to 4 ft	98 ea.	Short Le	af Pine, 1 ft		.19 ea.	100	South Privet, 1 to	2 ft	2.98
ley Plum, 1 to 2 ft	59 ea.	Stash Pine	r, 1/2 to 1 ft		.19 ea.	25 1	North Privet, 1 to California Privet, 1	2 ft	2.49
ley Plum, 21/2 to 4 ft		Hetzi Holl	y, 1/2 to 1 ft		.59 ea.	25 1	Multiflora Rose, 1	to 2 ft	2.49
ank Plum, 1 to 2 ft ank Plum, 21/2 to 4 ft	98 44	Jananese I	Holly 1/2 to 1 ft		50 02		marchiora mose, 4		2.77
and 1 1011, 2 12 to 4 10.	.70	Foster Hol	ly, 1/2 to 1 ft.		.49 ea.		NATIVE WILD	FI OWERS.	
DWARF FRUIT TREES	_	Hellert Mo	lly, 1/2 to 1 ft. ha Holly, 1/2 to		.69 ca.		1 or 2 Ye		
1 or 2 Years Old		Chinese He	olly, 1/2 to 1 ft.	1 H	.59 88.	0.			
		Andorra Ji	uniper, 1/2 to 1	ft	.59 ea.		llected from		
f Elberta Peach, 2 to 3 ft. f Elberta Peach, 4 to 5 ft.	- \$2.29 ea.	Cedrus Des	dara, 1/2 to 1 ft		.59 ea.	5 1	ady's Slipper, Pin	k	\$1.19
f Red Haven Peach, 2 to 3 ft	2.29 ea.	Jap Yew,	1/2 to 1 ft		.79 ea.	6 1	Blood Root, White Dutchman Breeches	White	1.19
f Red Haven Peach, 4 to 5 ft	t3.98 ea.	Baker Arb	orvitae, 1/2 to 1	ft	.59 ea.	4	Jack-in-the-Pulpit,	Purple	1.19
f Belle of Georgia Peach, 2-	3 -2.29 ea.	Berckman'	s Arborvitae, 1/2 prvitae, 1/2 to 1	to 1 ft	.59 ea.	3 [Dogtooth Violet, Y	ellow	1.19
f Belle of Ga. Peach, 4-5 ft.		Greek Juni	per, 1/2 to 1 ft.		.59 ea.	20 1	Hardy Garden Viole	t, Blue	1.19
f Golden Jubilee Peach, 2-3 f Golden Jubilee Peach, 4-5		Gardenia-	-White, 1/2 to 1	ft	.59 ea.		Partridge Berry		
f Red Delicious Apple, 2-3 ft		Camellia-	Red, 1/2 to 1 ft		.79 ea.	3 1	Passionflower		1.19
f Red Delicious Apple, 4-5 ft		Norway Sp	ruce-1/2 to 1 ft		.29 ea.	6 E	Bird Foot Violet,	Blue	1.19
f Yellow Delicious Apple, 2-	3 -2.29 ea.	Euonymus	Radican, 1/2 to 1 Manhattan, 1/2 ft	II	.19 ea.		frilliums, Mixed C		
f Yellow Del. Apple, 4-5 ft.	3.98 ea.		Pulchellas, 1/2 to				Blue Bells		
f Winesap Apple, 2 to 3 ft f Winesap Apple, 4 to 5 ft	2.29 ea.	Euonymus	Dupont, 1/2 to 1	ft	.39 ea.		Maiden Hair Fern		
f Early McIntosh Apple, 2-3	ft. 2.29 ea	White Pir	ne, 1 ft		.29 ea.		Hayscented Fern		
f Early McIntosh Apple, 4-5		Austrian P	ine, 1/2 to 1 ft.	*******	.29 ea.		Christmas Fern		
f Jonathan Apple, 2 to 3 ft.	- 2.29 ea.	Mugho Pin	e, 3 to 5 inch		.39 ea.		Royal Fern		
f Jonathan Apple, 4 to 5 ft.	3.98 ea.		ellow Pine, 3 to				White Violets		
f Lodi Apple, 2 to 3 ft f Lodi Apple, 4 to 5 ft	2.29 ea.	White Spri	uce, 1/2 to 1 ft.		.29 ea.		depatica, Mixed C		
Cortiand Apple, 2 to 3 ft.	2 29 ea	Serbian Sp	ruce, 1/2 to I ft		.29 ea.		Solomon Seal, Whi		
Cortland Apple, 2 to 5 ft.	E.E. Y CO.	Douglas Fi	r, 1/2 to 1 ft		.39 ea.		Trailing Arbutus, F		
Northern Spy Apple, 2-3 ft	-2.29 ea.		ponica, 1/2 to 1 i			4.5	weet Williams, Pi	nk	1.19
f Northern Spy Apple, 4-5 ft	3.98 ea.		ruitlandi, 1/2 to agnus, 1/2 to 1 f			4 5	tar Grass, White -		1.19
f Yellow Transparent Apple 2 f Yellow Transparent Apple, 4	£ 2 00	Hetzi Juni	per, 1/2 to 1 ft.		.59 ea.	4 6	olden Seal, White		1.19
Montmorency Cherry, 2-3 ft	2.49 **	Sargent Ju	niper, 1/2 to 1 ft		.69 ea.	6.1	May Apple, White		1.19
North Star Cherry, 2-3 ft.		Shore Juni	per, 1/2 to 1 ft.		.49 ea.	6 0	Cardinal Flower, R	ed	1.19

BERRY PLANTS, ETC. 1 or 2 Years Old

FLOWERING SHRUBS-

1 or 2 Years Old	
Crepe Myrtle-Red, Purple, Pink,	
White, 1 to 2 ft	\$.69 ea.
Spirea Van Houttie-White, 1-2 ft	.19 ea.
Spirea Reenesiana, 1 to 2 ft	29 ea.
Weigela-Red or Vellow 1 to 2 ft -	29 #2
Weigela-Var. or Pink, 1-2 ft Althea-Red or Purple, 1 to 2 ft	.19 ea.
Althea-Red or Purple, 1 to 2 ft	.19 ea.
Althea-Pink or White, 1 to 2 ft	.19 ea.
Forsythia-Yellow, 1 to 2 ft	.19 ea.
Pink Spirea, 1 to 2 ft	.29 ea.
Pink Flowering Almond, 1 to 2 ft	.59 ea.
Tamarix—Pink, 1 to 2 ft	.29 ca.
Bush HoneysuckleRed, Pink, White,	
1 to 2 ft	.19 ea.
Red Flowering Quince, 1 to 2 ft	.29 ea.
White Flowering Quince, 1 to 2 ft Persian Lilac—Purple, 1 to 2 ft	29 ea.
Old Faching Lifes 2 to 2 ft.	40 44
Old Fashion Lilac-1 to 2 ft Bridal Wreath Spirea, 1 to 2 ft	49 63.
Hydrangea P.G., 1 to 2 ft	.47 ea.
Oak Leaf Hydrangea, 1 to 2 ft	40
Deutzia—White, 1 to 2 ft	19 42
Deutzia-Pink 1 to 2 ft	19 20
Mockgrange—White 1 to 2 ft	19 00
Mockorange-White, 1 to 2 ft Sweet Shrub, 1 to 2 ft	19 ea
Rose of Sharon 1 to 2 ft	19 47
Red Ozier Dogwood, 1 to 2 ft	.29 ea
Pussy Willow, 1 to 2 ft	.29 ea.
Pussy Willow, 4 to 6 ft	.69 ea.
Russian Olive. 1 to 2 ft	.39 ea.
Russian Olive, 2 to 3 ft,	.89 ea.
Red Barberry, 1 to 2 ft	.49 ea.
Jap Snowball, 1 to 2 ft	.49 ea.
Red Snowberry, 1 to 2 ft	.19 ea.
"hite Snowberry, 1 to 2 ft	.19 ea.
pirea, Anthony Waterer-Red, 1 ft.	.39 ea.
French Lilac-Red, White, Purple,	
1 to 2 ft	.98 ea.
Scotch Broom, 1 to 2 ft	.29 ea.
Hypericum, 1 ft	.19 ea.
Spice Bush, 1 to 2 ft	.29 ea.
Butterfly Bush-Purple, 1 to 2 ft Butterfly Bush-Pink, 1 to 2 ft	.49 ea.
Butterfly Bush-Pink, 1 to 2 ft	.49 ea.
Vitex-Purple, 1/2 to 1 ft	.39 ea.
Green Barberry, 1 to 2 ft	.29 ea.
Azalea-White, Purple, Red or Pink,	
1/2 to 1 ft	.59 ea.
*Kose Acacia, 1 ft	.39 60.
*Red Chokeberry, 1 to 2 ft	.29 ea.
Black Chokeberry, 1 to 2 ft	.29 ea.
*Hydrangea Arboresence—1 to 2 ft Spice Bush, 1 to 2 ft	.29 ea.
Winter Hammarkle 1 to 2 ft.	.29 ea.
Winter Honeysuckle, 1 to 2 ft	.29 ta.
Arrowwood Viburnum, 1/2 to 1 ft Witchhazel, 1 to 2 ft	.39 ea.
Witchnazel, 1 to 2 ft.	.39 ea.
American Elder, 1 to 2 ft.	.39 ea.
*Opossum Haw, 1 to 2 ft	.98 ea.
False Indigo—Purple, 1 to 2 ft Burning Bush, 1 ft	.29 ea.
Elements Democrate 16 2 4	.78 ea.
riowering romegranate, 42-1 ft	./9 ea.

FLOWERING TREES-1 or 2 Years Old

Mimosa-Pink, 3 to 4 ft49 ea.
Mimosa-Pink, 4 to 6 ft89 ea.
American Red Bud, 2 to 3 ft29 ea.
American Red Bud, 4 to 6 ft 79 ea.
White Flowering Dogwood, 2-3 ft29 ea.
White Flowering Dogwood, 4-6 ft 1.29 ea.
Pink Flowering Dogwood, 1 ft 1.29 ea.
Pink Flowering Dogwood, 2 ft 1.98 ea.
Pink Flowering Dogwood, 3 to 5 ft3.98 ea.
Golden Raintree, 1 to 2 ft79 ea.
Golden Raintree, 3 to 4 ft2.49 ea.
Golden Chain Tree, 1 to 2 ft79 ea.
Smoke Tree, 1 to 2 ft1.49 ea.
Purple Leaf Plum, 1 to 2 ft59 ea.
Purple Leaf Plum, 2 to 3 ft89 ea.
Purple Leaf Plum, 4 to 6 ft 1.98 ea.
Flowering Peach-Red or Pink,
1 to 2 ft59 ea21/2 to 4 ft89 ea.
Peppermint Flow. Peach, 21/2-4 ft89 ea.
Dbl. Pink Flowering Cherry, 3-5 ft3.98 ea.
Flowering Crab-Red or Pink,
2 to 3 ft98 ea4 to 6 ft 1.98 ea.
Chinese Red Bud, 1 to 2 ft49 ea.
*Tree of Heaven, 3 to 5 ft98 ea.
Dwarf Red Buckeye, 1/2 to 1 ft69 ea.
Magnolia Soulangeana, 1 to 2 ft 1.39 ea.
Weeping Peach-Red or Pink, 1 ft89 ea.
Weeping Peach, Red or Pink, 2-3 ft. 1.29 ea.
White Flowering Peach, 2 to 3 ft89 ea.

*White Fringe, 2 to 3 ft 1.29 ea.	
Japanese Flow. Cherry, 3 to 5 ft 3.98 ea.	
European Mountain Ash, 3 to 4 ft2.49 ea.	
Paul's Scarlet Hawthorn-	
Red Blooms, 3 to 5 ft 4.49 ea.	
Big Leaf Cucumber, 3 to 4 ft 1.69 ea.	
PPaw Paw, 3 to 5 ft 1.29 ea.	
*Sourwood, 2 to 3 ft98 ea.	
Yellow Buckeye, 1 to 2 ft79 ea.	

Paul 2 Scariet nawchorn
Red Blooms, 3 to 5 ft 4.49 ea.
Big Leaf Cucumber, 3 to 4 ft 1.69 ea.
PPaw Paw, 3 to 5 ft 1.29 ea.
*Sourwood, 2 to 3 ft98 ea.
Yellow Buckeye, 1 to 2 ft79 ea.
Downy Hawthorn, V2 to 1 ft59 ea.
Dwarf White Buckeye, Va to 1 ft98 ea.
Red Flowering Dogwood, 1 ft 1.49 ea.
Red Flowering Dogwood, 2 ft 2.49 ea.
Red Flowering Dogwood, 3 to 4 ft3.98 ea.
5-N-1 Flowering Crab, 3 ft 3.98 ea.

title with trading a to a to
SHADE TREES-1 or 2 Years Old
Silver Maple, 3 to 4 ft \$.39 e
Silver Maple, 4 to 6 ft79 e
Chinese Elm, 2 ft19 ea.; 3-4 ft39 e
Chinese Elm, 4 to 6 ft79 e
Green Weeping Willow, 2 to 3 ft39 e
Green Weeping Willow, 4 to 6 ft69 e
Catalpa Tree, 2 to 3 ft29 e
Ginko Tree, 1 to 2 ft79 e
Ginko Tree, 3 to 5 ft2.98 e
Pin Oak or Red Oak, 2 ft79 e
Pin Oak or Red Oak, 3 to 5 ft 1.29 e.
Willow Oak or Scarlet Oak, 2 ft79 e.
Willow Oak or Scarlet Oak, 3-5 ft1.29 e
Lombardy Poplar, 1 to 2 ft06 e.
Lombardy Poplar, 2 to 3 ft10 e.
Lombardy Poplar, 3 to 4 ft19 e.
Lombardy Poplar, 4 to 6 ft29 e.
Faassen Red Leaf Maple, 3-5 ft 4.49 e.
Sycamore, 3 to 4 ft49 e.
Sycamore, 4 to 6 ft89 e.
*Sugar Maple, 2 ft29 e
"Sugar Maple, 3 to 5 ft59 e
50gm maple, 5 to 5 tc. 157 c.

Tulip Tree, 2 to 3 ft29	ea.
*Tulip Tree, 3 to 4 ft49	
Crimson King Maple (Pat. No. 735),	
3 to 5 ft4.49	ea.
Sunburst Locust (Pat. No. 1313).	
3 to 5 ft 4.95	ea.
Cut Leaf Weeping Birch, 3 to 5 ft4.49	
Silver Variegated Maple, 3 to 5 ft4.49	
Schwedler Maple, 3 to 5 ft 4.49	ea.
9Yellow Wood, 2 to 3 ft98	ea.
Canoe Birch, 3 to 4 ft 4,49	ea.
White Ash, 3 to 4 ft29	ea.
Green Ash, 3 to 4 ft29	ea.
Persimmon, 1 to 2 ft69	
Dawns Redwood, 1 to 2 ft2.49	éa.
Honey Locust, 3 to 4 ft3,98	ea:
Morain Locust, 4 to 5 ft4.98	ea.
Kentucky Coffee Tree, 1/2 to 1 ft49	ea.
American Linden Tree, 2 ft89	ea.
American Linden Tree, 3 to 5 ft1.29	ea.
Skyline Locust (Pat. No. 1619),	
3 to 4 ft4.98	ea.

Sassafras, 1 to 2 ft	.29	ea.
Sassafras, 2 to 3 ft	.49	ea.
Scarlet Maple, 4 to 5 ft4	.49	ed.
Russian Mulberry, 2 to 3 ft	.69	ea.
Sycamore Maple, 1/2 to 1 ft		
*Black Gum, 2 to 3 ft	.79	ea.
Japanese Red Leaf Maple, 1 ft 2	.49	ea.
Norway Maple, 1 to 2 ft	.49	ea.
Golden Weeping Willow, 2 to 3 ft	.29	ea.
Golden Weeping Willow, 4 to 6 ft	.69	ea.
Amur Corktree, 1 to 2 ft	:39	ea.
Black Locust, 2 to 3 ft		
Bald Cypress, 1 to 2 ft	.49	ea.
Of little Leaf Cucumber 2 to 2 ft	40	

21111 2111 Dacamber, 2 to 3 1t. 42 .07 68
FRUIT TREES-1 or 2 Years Old
Belle of Georgia Peach, 1 to 2 ft \$.49 ea
Belle of Georgia Peach, 2 to 3 ft79 ea
Belle of Georgia Peach, 3 to 5 ft 1.19 ea
Elberta Peach, 1 to 2 ft49 ea
Elberta Peach, 2 to 3 ft79 ea
Elberta Peach, 3 to 5 ft1.19 ea
J. H. Hale Peach, 1 to 2 ft49 ea
J. H. Hale Peach, 2 to 3 ft79 ea
J. H. Hale Peach, 3 to 5 ft 1.19 ea
Hale Haven Peach, 1 to 2 ft49 ea
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Dwarf North Star Cherry, 2-3 ft. -2.49 ea.
Dwarf Bartlett Pear, 2 to 3 ft. ---2.49 ea.
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Tennessee

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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ON THE COVER



Our cover this month features another wildlife painting by an outstanding Tennessee artist, Ralph McDonald. This one is of a wintertime visitor to Tennessee lakes, the Whistling Swan. For information on how to order this and other McDonald pictures, see Page 22.

Volunteer Views



The late President Lyndon Johnson, whose sustained efforts in behalf of rural electrification were unexcelled among the Chief Executives of our nation to date, was also a master of compromise where considerable differences of opinions existed between individuals or groups. His first step in bridging opinion gaps was a Biblical summons: "Come, let us reason together."

Apparently a considerable amount of compromising and reasoning together has been going on in Washington since the Administration announced on December 29 that the REA direct loan program was at an end and that what we have long known as REA would be administered under the Rural Development Act of 1972 and under considerably higher percentaged guaranteed and insured loans.

Several pieces of legislation have been suggested and actually introduced in Congress, none of which was acceptable to both the Administration and rural electrification supporters in Congress... not until March 15th, that is, when a compromise bill (H. R. 5683) incorporating some of the better features of what has become known as the Poage Proposal, and introduced by Congressman Denholm of South Dakota, was voted out of the House Agriculture Committee by a whopping majority of 29 to 6.

Here are some of the features of H. R. 5683:

1. The REA Act of 1963 would be amended but basically retained and would create insured and guaranteed loan programs. The direct loan program authority would be continued as it now By J. C. Hundley Executive Manager, TECA

exists under current law and would be administered by the existing REA through its Administrator.

- 2. Insured loans for REA borrowers would be instituted through the creation of a "revolving fund". The assets of this fund would come from the current assets of the REA and all loans repayments. (This would help remove the stigma that Congressional appropriations were "budget outlays" rather than loans which were and are being repaid with interest.)
- 3. Only token appropriations would be necessary, these to repay the fund for bad debts (almost non-existent) and to make up interest rate differentials between loan rates and cost of money in the private market.
- 4. The fund would be available for two types of insured loans: a special rate of 2% for low density, low income distribution systems (about 175) and 5% for the approximately 800 remaining borrowers.

5. There is authorized, also, a guaranteed loan program.

There are others to these main provisions, but they add up well enough for NRECA General Manager Robert Partridge to call the House Agriculture Committee action "a major victory for millions of rural electric consumers," adding that the new bill would create "a workable, substantive, long range rural electric loan program while at the same time meeting the Administration's objective of removing it as a significant item in the budget."

Next step for the Denholm Bill (H. R. 5683) is the House Rules Committee, which probably will clear it for action shortly. If it passes the House, the bill then likely will go to a Senate-House Conference Committee where differences between it and S.394 (a similar Senate bill which already has cleared the Upper Chamber by a vote of 69-20) would be ironed out. The compromise bill arrived at this committee would then go back to the two Houses of Congress for further consideration and, hopefully, passage.









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SAM DAVIS, BOY HERO: HE CHOSE DEATH TO BETRAYAL OF FRIENDS AND COUNTRY



The Sam Davis Home in Smyrna, Tennessee, stands as a memorial to one of the South's fallen heros of the Civil War and is served electrically by Middle Tennessee Electric Membership Corporation.

By JIM LYNCH Staff Writer

Nestled serenely beside Stewart's Creek in Rutherford County, Tennessee, a stone monument stands behind a large antebellum home depicting the words:

HE LAID DOWN HIS LIFE FOR HIS COUNTRY A TRUER SOLDIER, A PURER PATRIOT, A BRAVER MAN NEVER LIVED. HE SUFFERED DEATH ON THE GIBBET RATHER THAN BETRAY HIS FRIENDS AND COUNTRY

This tribute is to Sam Davis, Boy Hero of the Confederacy, whose home is now preserved as a state historical site just outside Smyrna.

At the time in history when our nation was split to the seams in open warfare,

Sam Davis, devoted to his cause and committed to his duty, displayed the courage and bravery of facing death without fear to protect that which he thought was right.

And it did cost him his life at the hands of Federal troops in November, 1863, but the story of the young man's heroics is told again and again.

The life of Sam Davis was that of a boy growing up in Middle Tennessee amid the pleasant surroundings of a well-to-do country family. His parents were of Virginia ancestry and his boyhood days were spent in the quiet pursuits of country life of that period in the South, and he was trained in the precepts of honor and truth by his Godfearing father and mother.

He was educated in the schools of his country district until he was sent to the Western Military Institute, then a department of the old University of Nashville, where he received training both intellectually and physically which fitted him for the responsibilities of soldier life because war clouds were already gathering.

In April, 1861, Sam Davis left school and enrolled with the Rutherford Rifles which soon became Company I of the 1st Tennessee Infantry and received his baptism of war later that year in West Virginia under General Robert E. Lee.

However, early the following year, problems began to develop on the home front. Fort Henry and Fort Donelson, on the Tennessee River, fell into the hands of the Federals and the 1st Tennessee was called back to help drive them out.

They were rushed to Corinth Mississippi, to join other Confederat forces concentrated there, and Sam-Davis was in the surprise attack of April 6th on the Federals at Shiloh, Tennessee.

After General Bragg was placed in command of the Army of Tennessee, perating in territory overrun by the ederals, a company of scouts was organized to be the "eyes and ears" of the army in discovering plans of the Federals. These men were selected for their known loyalty and courage, and Sam Davis, notwithstanding his youth, was chosen.

These scouts were commanded by Capt. H. B. Shaw, but were know as "Coleman's Scouts," because Shaw had assumed that name to hide his real identity, as his operations were within lines of the enemy.

It was during his duty as a scout that Sam Davis met his fateful end. While transporting important Shaw documents, he was captured by the Federals and rushed off to jail in Pulaski, Tennessee on November 19, 1863. He was told that he would be tried as a spy unless he divulged the source of the information he was carrying, but Sam Davis remained silent.

Because he would not cooperate with the Federals in exposing Capt. Shaw, Sam Davis was tried and convicted of being a spy and sentenced to be hanged.

Approached again and again to give the information sought, he still firmly refused to betray the confidence reposed in him, willing to die if need be to save that other who was "worth more to the Confederacy than I," the boy said.



rs. Rosemary Pleasant, Curator of the am Davis Home, stands in front of one of the fine, old hutches at the house.

He was hanged in Pulaski on November 27, 1863, after again refusing to betray his allegiance by saying, "I would rather die a thousand deaths than betray a friend or be false to duty."

The Sam Davis Home in Smyrna is currently under the care of Curator Rosemary Pleasant and contains eight large rooms, each with a fireplace. Two stairways lead to separate sections of the second floor, as was the custom of the day—one side for the young men of the

house, the other for the daughters.

It contains many pieces of the original Davis furniture including many personal items that belonged to Sam. A walkway back of the house leads through the garden to the family burial ground. Sam lies there. The site, amid the boxwood and lilac, is a quiet spot and a peaceful one. Its mood is in keeping with the sentiment, often expressed on monuments and memorials to him, that in dying he gained all he ever lacked—immortality.



Beautifully preserved, the bed that was used by Sam Davis still remains in the old home and is covered by one of the many old quilts dating to the mid-1800's.



In keeping with the idea to make the Sam Davis Home as authentic to its period as possible, the furniture in the house is as it would have been in the 1860's, including this old hutch.



Traditional with southern aristocracy is this piano of the era which still plays as well as it must have for the Davis family many years ago.

WARNING!!

Information from one of our cooperative managers indicates this co-op's members have been flooded with mail from the RURAL CO-OP PLANS, ADMINISTRATIVE OFFICES, P.O. Box 999, Dallas, Texas attempting to sell them insurance under the false impression they were sponsored by the local electric cooperative. This company is alleged to be operated by the Public Service Life Insurance Company of Dallas.

In checking with the Tennessee Department of Insurance, we are told by Mr. Wallace Ray, Supervisor of Investigation, that this company is not liscensed to do business in Tennessee and that on November 9, 1972 a cease and desist order was issued against them to stop all solicitation in the state. We have also learned that Commissioner John R. Ingram has taken similar action to stop their solicitation in the state of North Carolina.

Quite often some business will attempt to sell a product to electric cooperative members through false advertising which insinuates connection with the cooperative. We urge you to always notify your cooperative manager of such attempts to sell you. If you have received mail from the above insurance company since November 9, 1972 please notify your cooperative manager giving him any evidence you might have which can be passed on to the Tennessee Department of Insurance.

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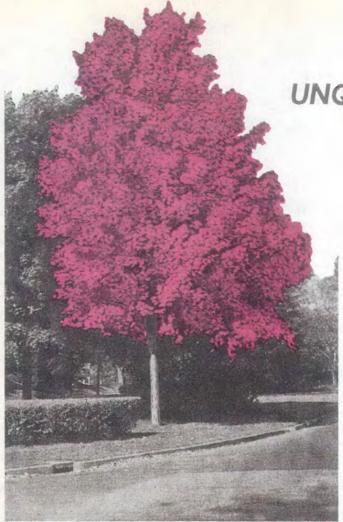
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Actual unretouched photograph of a five year scarlet maple.

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Height — This magnificent tree grows approximately 30 to 40 feet over a five year period (see photograph) and eventually soars to a height of eighty feet or more.

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"1973: Time of Crisis" Is Meeting Theme . . . And More

By John Stanford

If recognition is a reflection of accomplishment, then Tennessee must have had the largest mirror around at the 31st Annual Meeting of the National Rural Electric Cooperative Association, which was held in Dallas, Texas on February 25-March 1. Here are major examples:

• John Dolinger, Manager of Cumberland Electric Membership Corporation, Clarksville and Tennessee's Director on the NRECA Board of Directors, was elected Vice President of the National Rural Electric Cooperative Association. This should lead to Dolinger's elevation, probably in two or three years, to the Presidency of NRECA, the highest elective office in the cooperative rural electrification program.

Paul Tidwell, soon to retire as Manager of Meriwether Lewis Electric Co-op, Centerville, was recognized at the First General Session for his services as a two-term President of NRECA from 1965-1967. Tidwell was the twelfth of fifteen men to serve as President of the National organization since its inception in 1942, the first and, to date, the only one from Tennessee.

• Cumberland Electric Membership Corporation, Clarksville, received the First Place trophy in recognition of its Public Relations Department winning top honors in the National Member Services Contest. This award is made in recognition of outstanding rural electric achievement in marketing and sales development, member and community development, youth and adult programs, and rural and community development.

• In competition begun during the past year, the Tennessee Women's Task Force won second place nationally for having a 45% participation in "Operation Organize." Accepting the award in behalf of the Tennessee Women's Task Force were the cochairwomen of the organization, Mrs. Earl Ware, Decatur, wife of Volunteer Electric Co-op Manager Earl Ware, and Mrs. Joe Scott, Cookeville, wife of Upper Cumberland Electric Membership Corporation Director Joe Scott.

• Jana Lee McDaniel, "Miss Tennessee Electric Co-ops" represented her state and herself most ably and graciously in the "Miss National Rural Electrification" beauty contest. The eventual winner was "Miss Texas," Susie Howard.

• Another Tennessee youth, Miss Pat Alexander, the State Essay Contest winner from Southwest Tennessee Electric Membership Corporation, served, as did Miss McDaniel, in a second role as Good Will Ambassadors for the Volunteer State at the Annual Meeting. Both of these young ladies received expenses-paid trips to the Dallas meeting.

 Although there were no judging competitions in the Craft Exhibits, Tennessee's booth was excellent and many "unofficial" comments were heard concerning it for which the considerable number of responsible Tennessee women may be justly proud.

• One final note, this one musical, must be made concerning Tennessee's contribution to NRECA's 1973 Annual Meeting. The principal entertainment for what is listed as "Entertainment Night" was the nationally famous "Danny Davis and the Nashville Brass." So outstanding was this Tennessee musical organization that it received the first and only standing ovation ever given performers at an NRECA Annual Meeting.

Not of Meeting-wide scope, but also of particular interest to those from the Volunteer State, was the Annual Tennessee Breakfast. At this event, Forked Deer Electric Co-op President Clifford Sweat moved that a resolution be passed asking TECA Executive Manager J.C. Hundley to send telegrams to Tennessee's U.S. Senators, the one to Senator Brock deploring his vote against the Humphrey-Aiken Bill and the one to Senator Baker expressing gratitude for his favorable vote on this Bill. (Contents of the telegrams sent that day and of the replies from both Senators may be found as a follow to this Story on Page 12.)

In beginning its fourth decade of service at the national level, NRECA took as its Annual Meeting theme the pertinent slogan "1973: Time of Crisis." More than 8,500 representatives from approximately 1,000 electric distribution systems from throughout the nation, including 193 Managers, Trustees, key employees and program

friends from Tennessee, were registered for the Annual Meeting.

Among the nationally known personalities appearing as General Session and Panel Session participants were Texas Governor Dolph Briscoe, REA Administrator David Hamil, AID Administrator John Hannah, U.S. Senator Charles Mathias of Maryland, U.S. Congressman Jake Pickle of Texas, U.S. Senator Herman Talmadge of Georgia, U.S. Senator James McClure of Idaho, and U.S. Senator Richard Clark of Iowa.

The almost 1,000 rural electric systems comprising the National Rural Electric Cooperative Association serve more than 6.5 million homes, farms, schools, churches, hospitals, irrigation systems, industries and other rural and small town establishments in 46 states, Puerto Rico and the Virgin Islands — more than 25-million people in 2,600 of the 3,100 counties in the United States.

Serving from Tennessee on the Standing Committees of NRECA are Fred G. Key, Manager of Middle Tennessee Electric Membership Corporation, Murfreesboro (Insurance and Employee Welfare); John W. Norris, Attorney, Southwest Tennessee Electric Membership Corporation, Brownsville (Lawyers); William D. Towers, Manager, Holston Electric Cooperative, Rogersville (Management Advisory); and Earl F. Ware, Manager, Volunteer Electric Cooperative, Decatur (Power and Water Resources).



REA Administrator David Hamil defended Administration changes in lending agency which he heads.



Pat Alexander, State Essay Contest winner, speak briefly at the Tennessee Breakfast. Seated at left is John Dolinger, Manager of Cumberland Electric Membership Corporation and newly elected Vice President of NRECA while standing behind Miss Alesander is James Milton, Manager of Gibson County Electric Membership Corporation and President of the Tennessee Electric Cooperative Association, who presided at the Tennessee Breakfast. Mrs. Milton is seated at the right.



Tennessee's crafts exhibit was generally considered among the best of the more than twenty states which participated in this area of the Annual Meeting.

Robert Partridge, General Manager of NRECA, lashed out at efforts of Administration to kill REA's direct loan program which has worked so well for so many years.





U.S. Senator Herman Talmadge of Georgia, one of cooperative rural electrification's best friends in Congress, delivered a lively and well-received General Session speech.



Joe Goosetree, Electrification Advisor of Cumberland Electric Membership Corporation, Clarksville, receives from Jim Sherwood the award which designates CEMC as the "Best Overall System" in the nation in 1972 in terms of its Member Services program.



Jana Lee McDaniel, "Miss Tennessee Electric Co-ops", listens attentively and smilingly as MC, "Cactus" Pryor, reads an interview question.



Mrs. Earl Ware of Decatur, left, and Mrs. Joe Scott of Cookeville, right, receive from Mrs. Barbara Deverick the award which signifies that the Tennessee Women's Task Force has placed second in the nation in "Operation Organize."

Senators Reply To TECA Telegrams

Following are the texts of the two telegrams dispatched by Tennessee Electric Cooperative Association Executive Manager J.C. Hundley from the NRECA Annual Meeting in Dallas to Tennessee's two U.S. Senators, followed by the answers received back in Nashville through the mails by Senator Bill Brock and Senator Howard Baker, Jr. The telegrams and answers from the Senators are self explanatory.



February 28, 1973

Senator William E. Brock
456 Old Senate Office Building
Washington, D.C. 20510

In a breakfast meeting today at our National Rural Electric Cooperative Association, 196 Tennessee Electric Cooperative leaders, representing all sections of our state, including our Task Force Women, we were directed by resolution to send you this telegram expressing our sincere disappointment that after expressing your support during the recent Rural Electric Rally in Washington, you voted against the bi-partisan sponsored SB-394.

We will appreciate a letter stating your reasons why your vote against this Bill could possibly be of benefit to your Tennessee constituents, so that we may convey your opinions to the 260,000 cooperative families receiving The Tennessee magazine.

Mr. J. C. Hundley
Tennessee Electric Cooperative
Association
P. O. Box 7232
Nashville, Tennessee 37210

Dear Mr. Hundley:

March 5, 1973

The REA system has done an incredible, and vitally needed, job in bringing electric power and progress to rural areas, but I have not been convinced that the Administration's adjustments in the program are not within the capacity of the system. I simply could not in good conscience vote to reinstate the 2% direct loans - nor did your people indicate this was necessary.

They did say the essential need was for continued availability of funding. I agree and I have done, and will continue to do, everything I can to insure this availability. I have strong assurances on this matter from the Administration.

In sum, you may count on my vigorous opposition to any government interference which would measurably hamper REA's efforts to serve Rural America. I supported amendments to this effect on the floor and will continue to assist in any way I can.

Very truly yours,

Bill Brock

February 28, 1973

Senator Howard H. Baker, Jr.

Room 2107, New Senate Office Building
Washington, D.C. 20510

In a breakfast meeting today at our National Rural Electric Cooperative
Association, 196 Tennessee Electric Cooperative leaders, representing
all sections of our state, including our Task Force Women, we were
directed by resolution to send you this telegram expressing our sincere
appreciation for your vote in support of the bi-partisan sponsored SB-394.

You can rest assured your constituents in Tennessee will know of your great support for the rural electrification program as we intend to publish this fact in our Tennessee Magazine received by 260,000 electric cooperative families.

(signed)

J.C. Hundley, Executive Manager Tennessee Electric Cooperative Association 710 Spence Lane P.O. Box 7232 Nashville, Tennessee 37210

March 2, 1973

Mr. J. C. Hundley 710 Spence Lane P. O. Box 7232 Nashville, Tennessee 37210

Dear Mr. Hundley:

I very much appreciate your telegram of March 1, and I am pleased that the Senate took favorable action on the rural electrification program.

Sincerely,

Howard H. Baker, Jr.

HHBJr:cj



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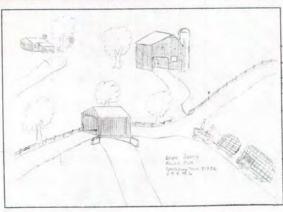
Geo. Carter Hdwe. S&T

Uncle John's Page

This page is reserved for the young folks. We will pay one dollar for each poem or drawing published. ALL WORK MUST BE ORIGINAL. Drawings should be in black, and drawn on white, unlined paper. Tell us your age, address, and Electric Co-op, and

Send all items to:

UNCLE JOHN, The Tennessee Magazine 710 Spence Lane, Nashville 10, Tenn.



Doyle Searcy Route 1 Lynchburg, Tenn. 37352 Duck River Electric Membership Corporation

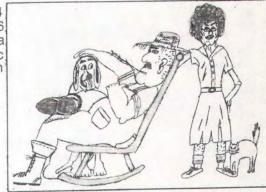


Terry Bailey 415 Fugate Street Rogersville, Tenn. 37857 Holston Electric Cooperative



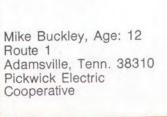
Billy Butt, Age: 14 Box 806 Blue Ridge, Georgia Tri-State Electric Membership Corporation







Gregory Jones, Age: 13 Route 3, Box 290-A Collierville, Tenn. 38017 Chickasaw Electric Cooperative







How Are You Going to Keep Bunky Brinsfield Down on the Farm ...

when the price of a bushel of corn is even lower than it was twenty years ago?

In 1952, William Brinsfield of Cordova, Md., Bunky's grandfather, got \$1.70 for a bushel of corn. This year he got only \$1.34.

The fact is that prices farmers receive today for virtually all products are about the same as twenty years ago. But farm operating costs, just as costs everywhere, have soared.

William Brinsfield and other family farmers have been able to make a go of it by dramatically increasing productivity—combining good management, hard work and technological advances to boost output per acre.

But millions haven't made it; millions have left the farms and gone to the nation's cities in search of jobs and opportunity, which all too frequently don't exist.

To help pave the way for Bunky, and others who will choose farming as a way of life, our nation must recognize the family farm system of agriculture as the economic base for rural America . . . must develop a cohesive, coordinated national farm policy . . . must meet the need for greater opportunity and better community facilities in rural areas.

We of America's rural electric systems, serving a majority of the nation's farms, are proud of our role in helping provide the people of our country with an unequalled variety and quality of food . . . proud of our part in the building of a stronger rural America for all Americans . . . wherever they live.

We want to help keep Bunky down on the farm.

We care . . . we're consumer owned

AMERICA'S RURAL ELECTRIC SYSTEMS

Members of the National Rural Electric Cooperative Association/2000 Florida Ave., N.W., Washington, D.C. 20009

Common Poisonous Plants

	Hous	E PLANTS	Plant	Toxic Part	Symptoms and Comment
lant		Symptoms and Comment	Rhubarb	Leaf blade	Several deaths from eating raw or cooked leaves. Abdominal pains, vomiting and
astor bean	Seeds	Burning sensation in mouth and throat. Two to four beans may cause death. Eight usually lethal. Death has occurred in U.S.			convulsions a few hours after ingestion. Without treatment, death or permanent kidney damage may occur.
lieffenbachia dumbcane), aladium, lephant's ear,	All parts	Intense burning and irritation of mouth, tongue, lips. Death from dieffenbachia has occurred when tissues at back of tongue swelled and blocked air passage	Atropa belladonna	All parts, especially black berries	Fever, rapid heartbeat, dilation of pupils, skin flushed, hot and dry. Three berries were fatal to one child. Poisoned children who sucked nectar
ome hilodendrons lyacinth,	Bulbs	to throat. Other plants have similar but less toxic characteristics. Digestive upset including nausea, vom- iting and diarrhea when eaten even in	Carolina jessamine, yellow jessamine	Flowers, leaves	from flowers. May cause depression fol- lowed by death through respiratory fail- ure. Honey from nectar also thought to
arcissus, affodil osary pea equirity bean,	Seeds	small amounts. Among the most highly toxic of natural materials. Severe gastrointestinal irri-	Common privet	Black or blue wax-coated	have caused three deaths. Causes gastric irritation and vomiting Several cases in children reported ir Europe.
rabs-eye, recatory bean)		tation, incoordination, paralysis. Less than one seed, if thoroughly chewed, is enough to kill an adult.	Daphne	berries, leaves Berries (commonly red, but other	A few berries can cause burning or ul- ceration in digestive tract causing vom- iting and diarrhea. Death can result
	FLOWER G	ARDEN PLANTS		colors in	This plant considered "really danger
Aconite, nonkshood	Roots, flowers, leaves	Restlessness, salivation, nausea, vomiting, vertigo. Although people have died after eating small amounts of garden	English ivy	various species), bark Berries,	ous," particularly for children. Excitement, difficult breathing and
Autumn crocus	All parts, especially	aconite, poisoning from it is not common. Burning pain in mouth, gastrointestinal irritation. Children have been poisoned		leaves	eventually coma. Although no case reported in U.S., European children have been poisoned. Excitement, intestinal irritation, sever
Dutchman's breeches (bleeding heart)	bulbs Foliage, roots	by eating flowers. No human poisonings or deaths, but a record of toxicity for livestock is warning that garden species may be dangerous.	Golden chain (laburnum)	Seeds, pods, flowers	nausea with convulsions and coma- large quantities are eaten. One or two pods have caused illness in children in
Foxglove	All parts, especially leaves, flowers, seeds	One of the sources of the drug digitalis. May cause dangerously irregular heartbeat, digestive upset and mental confusion. Convulsions and death are possible.	Heath family (laurels, rhododendron, azaleas)	All parts	Europe. Causes salivation, nausea, vomiting an depression. "Tea" made from two ounces of leaves produced human po soning. More than a small amount ca
Iris	Underground rhizome, also developed leaves	Severe digestive upset from moderate amounts of cultivated or wild irises. However, acridity usually prevents large consumption. Boiled properly, wild stems may be eaten.	Lantana	Unripe greenish-	cause death. Delaware Indians use laurel for suicide. Can be lethal to children through mu- cular weakness and circulatory collaps
Larkspur, delphinium	Seeds, young plant	Livestock losses are second only to loco- weed in western U.S. Therefore, garden larkspur should at least be held suspect.	Oleander	blue or black berries Leaves,	Less severe cases experience gastrintestinal irritation. Extremely poisonous. Affects heart are
Lily-of-the- valley	Leaves, flowers, fruit (red berries)	Produces glycoside like digitalis, used in medicine to strengthen the beat of a weakened heart. In moderate amounts,		branches, nectar of flowers	digestive system. Has caused deal even from meat roasted on its branche A few leaves can kill a human being. Pods look like pea pods. One or two
Nicotiana	Leaves	can cause irregular heartbeat, digestive upset and mental confusion. Nervous symptoms. Poisonous or lethal	Wisteria	Seeds, pods	seeds may cause mild to severe gastr intestinal disturbances requiring ho pitalization. However, with treatme
Nicotiana, wild and cultivated	Leaves	amounts can be obtained from ingestion of cured smoking or chewing tobacco, from foliage of field-grown tobacco or from foliage of garden variety (flowering			recovery occurs in 24 hours. No fataliti recorded. Flowers may be dipped batter and fried.
	VEGETABL	tobacco or nicotiana). E GARDEN PLANTS	Yew	Needles, bark, seeds	Ingestion of English or Japanese ye foliage may cause sudden death as alk loid weakens and eventually stops hea If less is eaten, may be trembling an
Potato	Vines, sprouts (green parts), spoiled tubers	parts. To prevent poisoning from sun-			difficulty in breathing. Red pulpy ber is little toxic, if at all, but same may nobe true of small black seeds in it.
		Sporied politicos.		7	At Sil
		> \$			
	J. Le				Oleander
	A C	Lantana	Daphne		
	V	TARA 8	Daprine		

	IREES	AND SHRUBS	Plant	Toxic Part	Symptoms and Comment
Plant	Toxic Part	Symptoms and Comment	Water hemlock		Salivation, tremors, delirium, violent
Apple	Seeds	If eaten in large quantity, can cause death. One man died after eating a cupful.	(cowbane, snakeroot)	foliage	convulsions. One mouthful of root may kill a man. Many persons, especially children, have died in U.S. after eating
Black locust	Bark, foliage, young twigs, seeds	Digestive upset has occurred from in- gestion of the soft bark. Seeds may also be toxic to children. Flowers may be			this plant. Roots are mistaken for wild parsnip or artichoke.
D 1		fried as fritters.	D 11		ITS IN FIELDS
Buckeye, horsechestnut	Sprouts, nuts	Digestive upset and nervous symptoms (confusion, etc.). Have killed children but because of unpleasant taste are not usually consumed in quantity necessary to produce symptoms.	Death camas	Bulbs	Depression, digestive upset, abdominal pain, vomiting, diarrhea. American Indians and early settlers were killed when they mistook it for edible bulbs. Occasional cases still occur. One case of poisoning from flower reported.
Chinaberry tree	Berries	Nausea, vomiting, excitement or de- pression, symptoms of suffocation if eaten in quantity. Loss of life to children has been reported.	Jimsonweed (thornapple)	All parts, especially seeds and	Thirst, hyper-irritability of nervous system, disturbed vision, delirium. Four to five grams of crude leaf or seed approx-
Elderberry	Roots, stems	Children have been poisoned by eating roots or using pithy stems as blowguns. Berries are least toxic part but may cause nausea if too many are eaten raw.		leaves	imates fatal dose for a child. Poisonings have occurred from sucking nectar from tube of flower or eating fruits containing poisonous seeds.
and the same		Proper cooking destroys toxic principle.	Nightshades, European	All parts,	Children have been poisoned by ingest-
Jatropha (purge nut, curcas bean, peregrina, psychic nut)	Seeds, oil	Nausea, violent vomiting, abdominal pain. Three seeds caused severe symptoms in one person. However, in others as many as 50 have resulted in relatively mild symptoms.	bittersweet, horse nettle	especially unripe berry	ing a moderate amount of unripe berries. Digestive upset, stupefication and loss of sensation. Death due to paralysis can occur. Ripe berries, however, are much less toxic.
Oaks	All parts	Eating large quantities of any raw part, including acorns, may cause slow damage to kidneys. However, a few acorns probably have little effect. Tannin may	Poison hemlock	Root, foliage, seeds	Root resembles wild carrot. Seeds have been mistaken for anise. Causes gradual weakening of muscular power and death from paralysis of lungs. Caused Socrates' death.
Wild black cherry, chokecherries	Leaves, pits	be removed by boiling or roasting, making edible. Poisoning and death have occurred in children who ate large amounts of berries with but the same and the same	Pokeweed (pigeonberry)	Roots, berries, foliage	Burning sensation in mouth and throat, digestive upset and cramps. Seeds thought to have caused one human fatality
		ries without removing stones. Pits or seeds, foliage and bark contain HCN		CHRIST	MAS PLANTS
		(prussic acid or cyanide). Others to be- ware of: several wild and cultivated cherries, peach, apricot and some al- monds. But pits and leaves usually not	Holly	Berries	No cases reported in North America, but thought that large quantities may cause digestive upset.
Yellow oleander	All parts, especially	eaten in enough quantity to do serious harm. In Oahu, Hawaii, still rated as most fre-	Jerusalem cherry	Unripe fruit, leaves, flowers	No cases reported, but thought to cause vomiting and diarrhea. However, when cooked, some species used for jellies and preserves.
(be-still tree)	kernels of the fruit	quent source of serious or lethal poison- ing in man. One or two fruits may be fatal. Symptoms similar to fatal digi- talis poisoning.	Mistletoe	Berries	Can cause acute stomach and intestinal irritation. Cattle have been killed by eating wild mistletoe. People have died
4.00		WOODED AREAS	Poinsettia	Leaves,	from "tea" of berries. Can be irritating to mouth and stomach,
Baneberry (doll's-eyes)	Red or white berries, roots, foliage	Acute stomach cramps, headache, vomiting, dizziness, delirium. Although no loss of life in U.S., European children have died after ingesting berries.		flower	sometimes causing vomiting and nausea, but usually produces no ill effects.
Jack-in-the- pulpit, skunk cabbage	All parts, especially roots	Contains small needle-like crystals of calcium oxalate that cause burning and severe irritation of mouth and tongue.	1		
Mayapple (mandrake)	Roots, foliage, unripe fruit	Large doses may cause gastroenteritis and vomiting. Ripe fruit is least toxic part and has been eaten by children—occasionally catharsis results. Cooked mayapples can be made into marmalade.		7	
	Min Clark				100
F				TA	
				MA	
	EL B	Dieffenbachia	14		

Timely Topics

Tennessee beef cattle numbers during the past two decades have more than tripled, reports a University of Tennessee beef cattle specialist.

"In 1953 there were 302,000 head of beef cattle on farms in this state. As of January 1 of this year, 1,124,000 brood cows and 237,000 yearling replacements were reported," states Haley M. Jamison, associate professor with the UT Agricultural Extension Service. "Beef cows that calved on Tennessee farms in 1972 total more than 1.1 million head, a record number that is seven percent above a year earlier, Heifers for replacements are up 10 percent as compared to the previous year's numbers. These cattle numbers rank Tennessee as the twelfth largest beef producing state in the nation."

Preliminary estimates as of January 1 of this year indicate that the beef cattle population in the United States is 41,102,000, an increase of nine percent over last year's estimate, continues Jamison.

The preliminary estimated cash receipts from Tennessee's agriculture during 1972 were \$870,500,000, he adds. Cash receipts from marketing of cattle and calves during 1972 totaled \$218,000,000.00, an increase of nine percent over the 1971 figures. The cash receipts from the sale of beef cattle and calves accounted for more than 25 percent of the total.

Jamison adds that research and new technology have helped to bring about this tremendous change in the beef cattle industry over the past two decades.

RECEIPTS GO UP For U.S. Farms

U.S. farmers had a record high \$58.5 billion in cash receipts from marketings in 1972, reports a University of Tennessee agricultural economist.

"This sharp rise in receipts was due to 15 percent higher average prices for livestock and more than eight percent higher prices for crops," says D.R. Humberd, assistant professor with UT's Agricultural Extension Service. "Total volume of marketings both for livestock and crops was about the same as in 1971."

Tennessee farmers realized \$870.5

million from the sale of farm commodities in 1972, a rise of \$124 million dollars or up 17 percent from 1971, he adds.

Livestock and livestock products accounted for 55 percent of the total, or \$476.2 million, Humberd continues. Cash receipts from livestock gained \$57 million in 1972, or a 14 percent gain over 1971 levels. Crops, accounting for \$394.3 million, showed a 20 percent gain.

"As a result, preliminary data show that realized gross income per farm in Tennessee increased to \$8,652," he says. "This is up from \$7,442 in 1971 and \$7,147 in 1970. Realized net income per farm also showed a substantial 37 percent gain increasing from \$1,968 in 1971 to \$2,692 in 1972. Realized net income per farm in the U.S. averaged \$6,797 for 1972."

ADJUST FARM MACHINES NOW

Whether you are fishing or farming it will pay to get needed equipment in working order now, advises a University of Tennessee agricultural engineer.

You might say, "I don't have the time or I can't afford to take the time right now," but when those crappie are striking, the cost of fixing a reel is frustrating and very expensive. To fix a broken planter shaft in the midst of planting can bring on the same anxiety, but with much greater cost, according to Albert J. Swearingen, associate professor with the UT Agricultural Extension Service.

In fact, Swearingen says that ten hours spent now preparing equipment for seasonal use could be less expensive than one hour of down time in the midst of planting. So, check those machines out. Try them out. Tighten loose nuts and screws. Lubricate moving parts. Adjust them and get them ready to work.

ROTATE LAND AND CROP FOR TOP TOBACCO

Since more tobacco diseases usually occur on soil sites having a history of continuous tobacco cropping, it is a good practice for the tobacco producer to rotate soil sites from year to year, says a UT soils specialist.

"The use of each site only once in every three to four years is an

inexpensive precaution against many of the diseases of burley tobacco," advises George J. Buntley, associate professor with the UT Agricultural Extension Service.

Site rotation also can result in other advantages to the burley tobacco grower, adds Buntley. Research has shown that burley tobacco, grown in rotation with sod crops such as orchard grass and fescue, produces a higher yield per acre of better quality.

It should be noted, however, that the selection of the crop to be grown in rotation with the tobacco is extremely important, since some crops appear to encourage the development of certain tobacco disease problems.

"For example," Buntley says, "when tobacco is grown in rotation with clovers or lespedeza it is more likely to have root rot problems that when it is grown in a grass rotation. Root-knot nematode also is likely to be less of a problem when tobacco is grown following sod crops such as fescue and orchardgrass."

VENTILATION IS A MUST IN HOUSES FOR POULTRY

Want higher production from laying hens and broilers? Then be sure their houses are well-ventilated, suggests a University of Tennessee poultry specialist.

"Even during periods of cold weather, the air inside poultry houses must be exchanged with fresh air," states Charles Goan, assistant professor with the UT Agricultural Extension Service. "However, be sure you don't create any drafts or drastic changes in temperatures."

Goan explains that this exchange of air is needed to maintain the proper levels of oxygen, carbon dioxide and nitrogen in the air. Also, as fresh air moves through the house, moisture will be removed from the manure and litter, keeping the litter in better condition for a longer time.

Goan cautions that improper ventilation will cause a buildup of ammonia in the poultry house. Birds that breath air containing high levels of ammonia will be subject to respiratory and eye problems.



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WHO SAYS THAT "LIVING IN THE PAST" IS SO BAD?!

By Jim Lynch Staff Writer

The old adage, "living in the past" could be considered a horrible way to live for some, but for Mr. Maurice Young, "living in the past" has become a way of life, because in his position as Director of Public Records for the State Library and Archives, Mr. Young is surrounded by 73,000 cubic feet of antique documents which depict and record the "past" of Tennessee.

If 73,000 cubic feet is hard to imagine, figure it as a 10,000 square foot building over seven stories high. And with another 200-300 cubic feet arriving every day, things just seem to get more complicated all the time.

Established in 1951, as an agency of the state government, the Tennessee State Library and Archives was to combine three, then separate activities: the Tennessee State Library which had existed since 1854, as a legislative reference library; the official archives of the state government which date from the admission of Tennessee into the federal union in 1796; and the regional public library system.

Amid the personal letters of Andrew Jackson and the files of Frank Clement, Mr. Young and his small staff explained that they are facing a crisis — they're running out of space.

"We only have 76,000 cubic feet to work with," the Director noted, "and we're almost to that point now. Something's got to give pretty soon."

Mr. Young explained that he and the Director of Archives, Mrs. Cleo Hughes, get together twice a year to make evaluations according to state law on what should and shouldn't be sent to the "graveyard", one of Davidson County's landfill sites which serves as the final resting place for documents which have served their purpose.

Recalling how it used to be when records were destroyed by burning, Mr. Young related that in order to comply with state burning regulations and air pollution laws, the landfill process was begun.

"We used to have a big burning in July." he said, "and it used to get so hot out there that we'd have to strip to our waist to keep from roasting."

Mr. Young indicated that his section of Public Records serves as the receiving station for all state government papers which are to be filed and the Archives section picks out those documents which have an unusual or historical relevance. Chuckling, Mr. Young mused, "Yeah,

they get to keep all the good stuff."

Some of that good stuff includes all three Tennessee constitutions, dating from 1796, and the personal papers of the three Tennessee Presidents; Andrew Jackson, James K. Polk and Andrew Johnson.

Archives Director, Mrs. Cleo Hughes, emphasized that the resources of the Archives and Manuscripts sections can be used to great advantage by both the teacher and the student. She noted that at least one high school instructor had made tape recordings of the last legislative meetings, which the Archives have on recorded file, and had used them to help teach his class the operations of state government.

She explained that Tennessee was the first state to undertake the recording of legislative meetings in 1955, both as ar, a informational service and a protection of the legislators.

"This way," Mrs. Hughes said, "if there is ever a question about whatever someone said or didn't say, we can find out for sure. It's used largely to check newspaper quotes."

Both directors stated that the



Archivist Marylin Bell displays one of the personal letters of Andrew Jackson, hero of the Battle of New Orleans and later the first President of the United States from Tennessee.



Digging around among old newspapers such as this edition from Carthage held by staffer Hackney can tell us much about how life was in the "early days."

facilities at the State Library and Archives were not used as much by the general public as they would like, and that most of its use came from enealogists — people who enjoy tracing mily trees.

As a matter of fact, the State Library and Archives is generally acknowledged to be one of the outstanding genealogical reference libraries in the South.

With the amount of material already on file plus the constant addition of current information, it's only natural that some rather odd items have mysteriously appeared that seem to have nothing to do with government records

Mr. Young says he has found everything from old, worn out overshoes to cowbells in the files and there just aren't any explanations.

"We even found an empty spirits bottle in there somewhere," he recalls.

All in all, riding roughshod over the almost invaluable, numerous historical

documents contained in the State Library and Archives is a formidable task, to say the least, but because of his committment to "live in the past", Mr. Young considers it a great learning process.

Philosophically, he concludes, "You have to be sharp to understand the past, but you've got to be even sharper to understand how the past relates to the present."

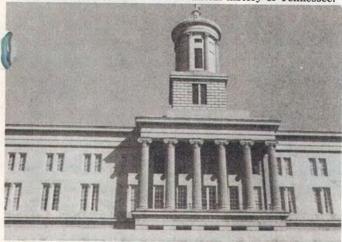
Well stated, Mr. Young!



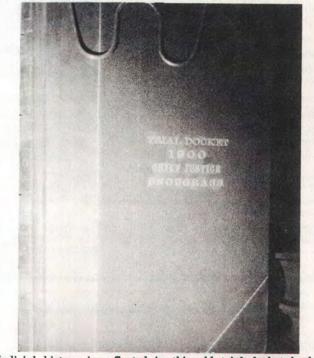
State Director of Public Records Maurice Young (left) and staff member John Hackney browse through one of the old state bond books which record much of the financial history of Tennessee.



The first Tennessee State Constitution, signed by Territorial Governor William Blount in 1796, is one of the many historical treasures housed in the Tennessee State Library and Archives.



Standing on the front steps of the Library, a visitor gets a panoramic view of the Tennessee Capitol building.



Judicial history is reflected in this old trial docket book of Tennessee Supreme Court Chief Justice David L. Snodgrass who held this position from 1892 until 1902.



acks and stacks of old state documents such as these occupy over 73,000 cubic feet of space in the building and officials are becoming concerned because they are running out of room!

Wildlife Picture Offer

After a too-long absence of four months from our cover, the wildlife works of Tennessee native and resident Ralph McDonald graces our "front window" this month with a Whistling Swan, which is not a Tennessee native but which visits Tennessee lakes during the winter months.

Prints of the Whistling Swan measure 19½-by-24 overall and are available signed and numbered (registered) for \$30 and signed only for \$20.

In answer to inquiries made about the four McDonald wildlife pictures run on Tennessee Magazine covers during 1972, the February Deer prints are sold out except for inclusion in a set of six which includes, in addition to the Deer, the Whistling Swan, the Raccoons, the Rabbit, the Large Mouth Bass, and the Grouse, the latter two of which have not appeared on our covers. This full size 6-print set, signed and with identical registration numbers, is available for \$160.

Singly, the Rabbit featured in March is available in 18-by-24 inch prints, signed and numbered for \$30 and signed only \$20. The Raccoons appearing on our May cover measure 20-by-28 inches overall and a few prints are available, signed and numbered, for \$35 and signed only for \$25. The Mocking Bird (November cover) is sold out of dealer prints and is available only through Tennessee State Parks or the State Department of Conservation for \$27.

Mini-prints of all the above in a fruitwood frame and covered with non-glare glass (approximately 7-by-8½ overall) are available singly for \$10 or a set of three for \$25.

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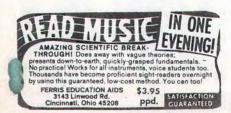
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WINNING THE BATTLE

By Arthur L. Edmister, Electrification Advisor, S.V.E.C.

There are times when we meet people who, because of their great courage, their uncomplaining nature, their faith in God, and their determination to make the best of their lot regardless of difficulties, are an inspiration to all they come in contact with. Such a person is Mrs. Georgia Partin of Tracy City, Tennessee. Georgia is the wife of Grady Partin. They have two sons, Grady who is serving as a missionary in the Fiji Islands, and Herman who teaches in the Kingstreet Elementary School in Nashville.

I would like to tell you a bit about Mrs. Georgia Partin.

About 8 years ago Georgia underwent surgery to remove a tumor at the base of her brain. A severe stroke quickly followed this surgery leaving her equilibrium virtually gone, one side of her body paralized, her speech and hearing impaired, and almost totally blind.

Many people would have given up completely with all of these disabilities but Georgia chose to fight to overcome her handicaps to the greatest degree possible rather than to give up and live out the rest of her days as a helpless invalid, totally dependent on others. Mrs. Partin had professional help from skilled physicians, nurses and therapists. She also had loving support and encouragement from her family and friends. But the real struggle was and is, basically her own.

With slowly returning strength, Miss Georgia set herself to the long, discouraging and seemingly hopeless work of recovery with conscious and determined effort.

She sat up as much as possible from the first even though she had to be strapped into her chair to prevent falling out. Everything that she could do for herself she did with as little assistance as possible. A year after her surgery and stroke she was able to bathe herself in the tub. She learned to crawl on the floor and to gradually take steps with assistance. Her husband Grady had a special walk built outside the house with parallel hand rails. Resting places were placed at regular intervals. Flower beds were planted all around the walkway so she could enjoy flowers from Spring to Fall and Georgia followed a rigid schedule of exercise every day. Today she goes about in and out of the house unaided, with the use of a walker.

Dressing herself takes much time,

especially fastening smaller buttons, snaps, etc. but Miss Georgia will not accept any help with this except on weekends when she does not want to keep others waiting. She also keeps trying to master other harder tasks using five different hand movements. With dogged determination she has worked endlessly with her drawn and helpless right hand, until today it not only is without contractures but is functional for some activities. Meantime she has re-trained her left hand to unaccustomed tasks such as eating and writing and has recently ordered some left handed scissors.

Through the years she has maintained her role as housewife, planning the meals, making grocery lists, etc. Regularly she has folded clothes, although in her blindness, she has to feel for seams to determine which was the right side of the garment.

About 3 years ago the sight began to return to one eye. She started reading, at first using a magnifying glass and a fourth grade reader, searching out on the line at a time. She can now read larging print. The Society for the Blind supplies her with "Talking Books" (records) and she listens to these the last thing at



Mrs. Grady Partin of Tracy City is an inspiration to all with whom she comes in contact. Her great courage and determination, her faith in God and the will to work and fight against overwhelming odds have been rewarded by her remarkable recovery from the results of a brain tumor and a stroke.



Mr. Grady Partin had this special walk built with parallel rail and resting places at regular intervals. The attractive flower beds provide a place of beauty from early spring to late fall.

night.

Miss Georgia follows a strict schedule each week-day, starting with exercises in bed before arising at about 6 A.M. After dressing herself completely she practices for 20 minutes on the piano. Later she has breakfast with her husband. The days pass quickly with reading, writing letters, watching TV, directing the house work, bathing and exercising. She is careful not to sit for long periods of time without exercise. About every 30 minutes she gets up and walks around, inspecting her plants and looking at favorite pictures and cherished objects in the rooms which remind her of friends and loved ones. This helps to occupy her mind with cheerful thoughts. On weekends Georgia sees her friends when she is "out and about". Don't look for her at home on Saturday and Sunday. She will be at the grocery store, the beauty shop, riding or visiting and you will find her at Church at the Church of Christ on Sunday morning.

Mrs. Partin has relied heavily on her Christian experience during the unrelenting battle for recovery. She feels that her faith and prayers and the prayers of others have helped her to withstand many difficulties, and the ceaseless devotion and support of her husband and two sons has enabled her o struggle on.

When asked if she has been discouraged, she answered, "Oh yes! many times, but not for long". Her advice to others on the slow road to recovery is, "Be consistent with whatever therapy is prescribed and don't let down." By her achievements, Georgia Bell has demonstrated that she practices just that.



Miss Georgia follows a strict schedule each week day, starting with exercises in bed before arising and exercises throughout the day. At least 20 minutes each day is spent practising on the piano.



Miss Georgia has re-trained her left hand to unaccustomed tasks such as writing and she has maintained her role as housewife, planning the meals, making grocery lists, writing letters, etc. And she has just recently ordered a pair of left handed scissors to help her in her sewing.

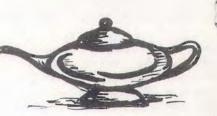


Telephone calls, letters and visits from Miss Georgia's many friends and loved ones contribute greatly to her recovery.



Mrs. Georgia Partin is careful not to sit for long periods at a time without exercises. About every 30 minutes she moves around tending her flowers and looking at favorite pictures and cherished objects that remind her of friends and loved ones.

"ELECTRIC GENIES" ARE FAITHFUL FRIENDS



By Robbye Nowell, Home Economist Gibson County Elec. Memb. Corp.

The future has been and still is a subject of present interest. Economy of the future, ecology of the future, life of the future, homes of the future - name any subject in the future and immediately the conversation is off to a good start. What will homes be in the future or what improvements will be made as far as home environment is concerned is anybody's guess. Many homes today have what was the future yesterday. They are all electric with various types of push button electrical operations. There are many "Electric Genies," so to speak, some of which light the home, refrigerate and cook the food, wash and dry the clothes, heat the water, wash the dishes, dispose of the garbage, heat and cool the home, as well as assist with the grooming and entertaining of the family.

Dr. and Mrs. James H. Donnell of Alamo, Tennessee, had two objectives in mind when planning their new home. First they wanted it to be an all-electric home and then they wanted plenty of room. At no time did they lose sight of these objectives, therefore today they have achieved both. In their lovely all-electric two story home, "Electric Genies" do everything from the heating of the home to the drying of hair.

Let's take a look at some of the "Electric Genies" which are helping improve the home environment as they produce no dirt, fumes, or other byproducts while performing boring, unpleasant, difficult tasks quickly and efficiently in the Donnell home.

Electric heat is certainly one of the "Electric Genies" that is a delight to live with. The why, of course, is — no drafts, no icy weather inside nipping at finger tips and nose during winter and no combustion to cause soot or smoke. Yes,

it's delightful to always have the justright temperature no matter what the weather. Another advantage in having this "Genie" around is that it reduces home cleaning chores resulting from its cleanliness.

Lighting "Genies" perform throughout the home. Some bring splendor and graciousness, making the home feel warm and comfortable, while others provide the desired level of light for work, study, play, and safety.

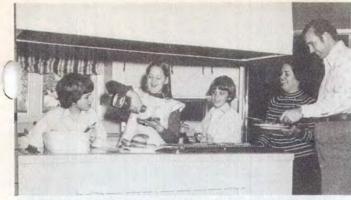
There are many wonderful and exciting "Electric Genies" taking over chores in the kitchen. There's the magic frost-free which has ended the dull, boring task of defrosting the refrigerator-freezer, a job that previously had to be done over and over again. The built-in, self-cleaning oven eliminates one of the most abhorred kitchen chores. Mrs. Donnell has only to set the controls so that electricity does a

perfect job in keeping the oven bright and clean. Installed by the modern, smooth surface cook top is an electric grill where foods are grilled in comfort regardless of the weather. The electronic range brings a whole new world of cooking thrills. It cooks foods with incredible speed while plates and utensils remain cool as does the range itself. There's no messy garbage to dispose of either since it is swished down the drain, almost like magic, by the garbage disposal. The once time-honored phrase, "your turn to wash the dishes," is obsolete in this home for the automatic electric dishwasher has taken over the dishwashing chore. Also in the kitchen are dozens of portable appliances which i do their bit to make kitchen work easier. Some have signal lights that say "when," while others blend, mix, chop, and do a host of chores.

Mrs. Donnell doesn't worry about the



Nothing can be better than a nice quiet evening when family members relax together in a room that is both climate and light conditioned. Members of the Donnell family are Jim, Mrs. Donnell, Dr. Donnell, Elizabeth, Robert, and Richard.



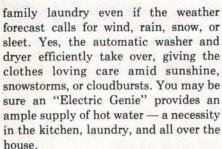
Built-in electric grills are oh so great. You see the weather is never too cold, never too hot, neither is it too rainy to prevent indoor cook out fun for the entire family.



There's a lifetime of comfortable living for the Dr. Donnell family in their lovely two-story, all-electric home.



There's beauty in every room. Here lizabeth, a beauty herself, poses in one f the favorite spots in her room, that is the canopy bed, as she rolls her hair on electric hair curlers.



Electrical "Grooming Genies" are oh so nice as they lend their assistance, helping to start the day right for the Donnells. Electric combs, brushes, curlers, and shavers are only a few of the grooming aids that play an important role in boosting the ego with perfect grooming from head to toe.

Oh yes, up-to-the-minute news and entertainment are provided by "Genies of sight and sound" — that is the radio, TV, stereo, and tape players — with just a twist of a dial or the push of a button.

"Electric Genies" are faithful friends, ot just in some dream home of the uture but in homes such as that of Dr. and Mrs. Donnell.



In days of yore, the 3 R's were linked to a hickory stick. There were dishpans and dishpan hands. Today the 2 R's of the Donnell family, twins Richard and Robert, have no connection with the hickory stick as they place dishes in the "Electric Genie" which has made dishpans and dishpan hands obsolete.



Jim Donnell pushes a button from the auto which automatically raises the garage door. This convenience makes driving into the garage a pleasure whether it's coming home from school, work, shopping, or an afternoon or evening outing.



You'd better bet there's no garbage problems in the home where this "Electric Genie," the disposal, abides. Yes, it's a jewel as it sends leftover scraps, peelings, etc. down the drain.



Dr. Donnell selects the just-right temperature by merely adjusting the thermostat.

IF A WHIMMY DIDDLE WERE, AND A FLIPPERDINGER WAS, WHAT'S A MOONWINDER?

By JIM LYNCH Staff Writer

Some rather unusual things have been coming out of Sugar Grove, North Carolina, lately. Regular shipments leave this little hamlet in the highlands of the Mountain Electric Cooperative service area containing such items of interest as "Gee Haw Whimmy Diddles" and "Flipperdingers" and are currently being sent to every state in the union plus four foreign countries.

And, as if that wasn't enough, there is a pretty good amount of "Moonwinder" and "Bullroarer" business too, not to mention a little sideline in "Smokegrinders."

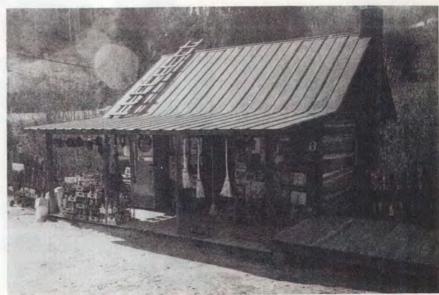
Whimmy Diddles??? Moonwinders

Actually, they're probably things you've seen most of your life—you just didn't know them by these names. They're toys. Pioneer toys. The kind settlers to these mountains used to carve or build or create out of wood for their youngsters. In this age of battery powered robots and computerized games, the toys of yesterday would more than likely be as extinct as the passenger pigeon if it weren't for people like Jack Guy.

And there seems to be enough people around who haven't forgotten these little gems of ingenuity—enough that the gross sales of the Guy's Folk Toys organization were about \$40,000 last year.

In fact, things have been going so well lately that Mr. Guy has taken to a new mode of promotional program. No longer does he simply advertise his wares with pamphlets and handbills, now he's become the "jet-set executive" of the organization by personally flying to his customers. And to think that until last October, the highest in the air he'd been in all his years was the top of one of his North Carolina mountains.

"Yeah, I've been to California twice since then, and Boston four times," he said rather matter of factly, "actually, I've been in 26 states in the last six months."



Be it ever so humble . . . the home of the Guy Folk Toys organization stands as a quaint reminder of early life in the North Carolina mountains when toys of wood were all there were for the youngsters.

Mr. Guy related that his first flight was to Columbus, Ohio, and was on an old propeller driven DC-3 that got caught in a rough storm on the way which caused him to almost have second thoughts about the whole promotional campaign. However, he held his breath and pressed on and as a result, the business is booming.

The Guy Folk Toys organization was begun in 1959 when Mr. Guy decided to give up driving a school bus and devote full time to his toy hobby. He presently employs about 45 families in the area who work on a "piece-by-piece" basis, getting paid for what and how many items they produce which adds up to quite an inventory. In addition to the aforementioned toys, several of the area craftsmen produce more elaborate things, such as dulcimers and violins, or fiddles if you please, which are sold through the organization.

It was the 'Gee Haw Whimmy Diddle' that got it all started though," said Mr. Guy, "That and the 'Flipperdinger'."

He added that several thousand of the "Diddles" are now being sold annually and that "King Size" and "Twin" models are available for the advanced players.

Incidentally, the "Gee Haw Whimmy Diddle" is that little stick with one jagged side and a propeller on the end that will spin rapidly if the jagged edge is rubbed properly with another stick.

Of course, everyone remembers those things!

Another product offered by Mr. Guy is a patchwork shirt which is made by taking a new work shirt and completely patching it with old quilt pieces. The results are unique in that each shirt is a "one-of-a-kind" and can double as a colorful jacket. Word around Sugar Grove is that these shirts could become a new fad with the younger set if they get enough exposure to the public.

Who knows, if the shirts do catch on maybe the next thing will be the "Whimmy Diddle" itself.

Mr.Guy and his neighbors would love it.

r i.



If you don't want to buy anything, well . . . you can just drop by and sit awhile as this gentleman from Sugar Creek does.



What place would be complete without an old spinning wheel? While it may not be old, this particular one was surely made with the same tender loving care as those grandfather used to



Jack Guy, in the overalls and quilt shirt, takes time out from his busy schedule to pass the time of day with Mrs. Ida Presnell, who works at the outlet store, and Hill Ward of the Mountain Electric Cooperative.

Although the principal products of the small Guy business are handmade toys, area craftsmen are also noted for the fine musical instruments they make - such as this dulcimer.



What better way to advertise than by placing your sign behind an authentic old butter churn which is but one of the many unusual items manufactured by the Guy organization.

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ARAUCANAS Lay Colored Easter eggs, Blue, Green, Pink, Olive, Gold. Choose from 35 varieties rare and fancy breeds including Bantams and new exotic breeds first time offered. Also popular laying breeds. Safe shipment guaranteed all 50 states. Write for FREE color picture catalog. FREE Chick Offer.

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OFFICE MANAGER - B. S. degree in accounting or extensive experience required Supervisory experience highly desirable. Fringe benefits include NRECA retirement program, major medical and disability insurance. Recreational opportunities abound on Logan Martin Lake, within the coop's service area. Presently billing 6,000 consumers. Apply on REA Form 328 (available on request) to B. A. Pitts, Manager, P. O. Box 837, Talladega, Alabama 35160.

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FREE QUILT PATTERNS in Quilter's Newsletter Magazine, plus catalog illustrating hundreds of quilt patterns, plastic quilting stencils, pre-cut patterns, quilt books, kits . . . 50¢. Heirloom Plastics, Box 501-T4, Wheatridge, Colorado 80033.

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CLOTHING FACTORY CUTAWAYS lb. assortment top quality materials for Quilts, Doll Clothes, Throw Pillows, etc. Only \$5.56 postpaid, Cutaway, Box 151-TM, Weaubleau, Mo. 65774.

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HOLSTEIN DAIRY CALVES or crosses with Angus or Hereford, Bulls or Heifers. Started and larger heifers. Calves delivered on approval. Malcolm Pedigo, Route #7, McMinnville, Tennessee 37110. Phone 615-668-8556.

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600 ASSORTED sweet onion plants with free planting guide \$4.80 postpaid. TONCO, "home of the sweet onion", Farmersville, Texas 75031.

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MISCELLANEOUS

GINSENG, GOLDEN SEAL and other roots wanted. Prices high. Write for our complete price list. St. Louis Commission Co., Dept. 2, 4157 N. Kingshighway, St. Louis, Mo. 63115.

WANT TO BUY used Metal Stamping Machines in any condition. Give details, price, etc. Write Jack Lee, P.O. Box 643, Bogata, Texas 75417.

NASHVILLE FLEA MARKET — Tenn. State Fairgrounds, Sat., April 14, 9 a.m. to 7 p.m. — Sun., April 15, Noon to 6 p.m. 450 Exhibitors from 20 states. BUY - SELL - TRADE or LOOK at the NATION'S fastest rowing Flea Market. More than a mile of erchandise. Free Admission and Parking. ear your walking shoes and stay all day! Fred Hicks, Jr., (615) 799-2912.

PUZZLE CORNER

The March puzzle was a toughy as shown by a decrease in the number of entries; however, most of the entires received were correct.

It was noted that during a gale, a maypole was broken in such a manner that it struck the level ground at a distance of twenty feet from the base of the pole, where it entered the ground. Then after it was repaired, it was broken again by the wind at a point five feet lower down, and struck the ground at a distance of thirty feet from the base. You were then asked the original height of the pole.

The answer: The original pole was 50 feet high.

The winners, chosen by lot from all correct answers on a rotating basis of the State's three Grand Divisions, are as follows:

First Place: Cindy Smith of Route 2 Woodbury, Tennessee 37190, a member of Middle Tennessee Electric Cooperative — \$10.

Second Place: Robert L. Greene of P.O. Box 146, Sugar Grove, North Carolina 28679, a member of Mountain Electric Cooperative — \$5.

Third Place: John Price of 5531 Phoebe Dr. in Arlington, Tennessee 38002, a member of Chickasaw Electric Cooperative — \$5.

And now for the April puzzle:

This is a little different type of puzzle, so let's give it a try. Cross out six letters from the following group and the remaining letters will spell a familiar English word:

SBIAXLNEATNTAERS

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

PUZZLE CORNER
THE TENNESSEE MAGAZINE
P.O. Box 7232
Nashville, Tennessee 37210

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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.

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4



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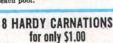
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Bush out in low 1 to 1½ ft. mounds of richly colored flowers. Hundreds of blooms of Blue, Red, White, Pink as available. These Michigan nursery grown root divisions are ready for first transplanting to your garden. 20 plants for \$3.75.



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300		Cushion Mums	
335		Creeping Sedum (Dragon's Blood)	
307		Hardy Mound Asters	
108		Gladiolus	
123		Dahilas	
700		Garden Pool (Free Water Lily)	
309		Creeping Phlox	
305		Carnations	
327		Shasta Daisies	
173	FREE	Tuberose if order mailed by May 15	.00
174	FREE	Giant Hibiscus if order totals \$3.00	.00
175	FREE	Giant Hibiscus plus 12 Holland Anemones if order totals \$6.00	.00
□ Ser	nd remittan	ce with order, adding 75c, and we ship ding FREE Candles-of-Heaven.	-75

	Send remittance with order, adding 75c, and we ship postpaid, including FREE Candles-of-Heaven.	a
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