

Tennessee

JANUARY, 1969

MAGAZINE

Dedicated to Better Living





THE FAMILY STATION

A CBS AFFILIATE

COMPLETE JANUARY SCHEDULE—WLAC-TV, NASHVILLE

JANUARY SPECIALS

WED. 1/1/69 —9-9:30 AM—Tournament of Roses Parade Review (c)
 —9:30-10:30 AM—Cotton Bowl Parade (c)
 —10:30-12:45 PM—Tournament of Roses Parade (c)
 —12:45 to conclusion—Cotton Bowl Game (c)
 THU. 1/2/69 —6:30-8:00 PM—Mark Twain Tonight (c)
 SAT. 1/4/69 —12:00 N-3:00 PM—All American Bowl Game (c)



DON HOWSER
COUNTRY JUNCTION
MON-FRI 6:30 AM



JERRY GOAD—CHRIS CLARK
Complete
Authoritative News
6:00 and 10:00 PM



DAYTIME

5:45-6:05 AM Farm News—Mon. thru Fri. (c)
 6:05-6:30 AM CBS Morn. News
 6:30-7:55 AM Sunrise Semester—Sunday (c)
 6:00-7:30 AM Country Junction—Mon. thru Fri. (c)
 6:30-7:00 AM Sunrise Semester—Saturday (c)
 7:00-7:30 AM Go, Go Gopher—Saturday (c)
 7:00-8:00 AM Tom & Jerry/Aquaman—Sunday (c)
 7:30-8:00 AM Bugs Bunny—Saturday (c)
 7:55-8:00 AM Channel 5 Weather—Mon. thru Fri. (c)
 8:00-9:00 AM Captain Kangaroo—Mon. thru Fri. (c)
 8:00-8:30 AM Road Runner—Saturday (c)
 8:00-8:30 AM Little Country Church—Sunday
 8:30-9:00 AM Heaven's Jubilee—Sunday (c)
 8:30-9:00 AM Wacky Races—Saturday (c)
 9:00-10:00 AM Mike Douglas Show—Mon. thru Fri. (c)
 9:00-9:30 AM Carl Tipton—Sunday (c)
 9:00-9:30 AM Archie Show—Saturday (c)
 9:30-10:30 AM Batman-Superman Hour—Saturday (c)
 9:30-10:00 AM Look Up and Live—Sunday (c)
 10:00-10:30 AM Andy of Mayberry—Mon. thru Fri.
 10:00-10:30 AM Camera Three—Sunday (c)
 10:30-11:00 AM Dick Van Dyke—Mon. thru Fri.
 10:30-11:00 AM Hercules—Saturday (c)
 10:30-11:00 AM Faith For Today—Sunday (c)
 11:00-11:25 AM Love of Life—Mon. thru Fri. (c)
 11:00-11:30 AM TBA—Sunday (c)
 11:00-11:30 AM Shazzan—Saturday (c)
 11:25-11:30 AM Joe Bentl CBS News—Mon. thru Fri. (c)
 11:30-12:00 N Face the Nation—Sunday (c)
 11:30-12:00 N Search for Tomorrow—Mon. thru Fri. (c)
 11:30-12:00 N Popeye Show—Saturday
 12:00-12:05 PM Channel 5 News—Mon. thru Fri. (c)
 12:00-12:30 PM Moby Dick & The Mighty Wighters Saturday (c)
 12:00-2:30 PM Nat'l Hockey League (c)
 12:05-12:30 PM Singing Convention—Mon. thru Fri. (c)
 12:30-1:00 PM As The World Turns—Mon. thru Fri. (c)
 12:30-1:00 PM Lone Ranger—Saturday (c)
 1:00-1:30 PM Love Is a Many Splendored Thing—
 Mon. thru Fri. (c)
 1:00-1:30 PM Jonny Quest—Saturday (c)
 1:30-2:00 PM Dobbie Gillis—Saturday
 1:30-2:00 PM The Guiding Light—Mon. thru Fri. (c)
 2:00-2:30 PM Secret Storm—Mon. thru Fri. (c)
 2:00-3:00 PM Science Fiction Theatre—Saturday (c)
 2:30-3:00 PM TBA—Sunday
 2:30-3:00 PM The Edge of Night—Mon. thru Fri. (c)
 3:00-3:30 PM House Party—Mon. thru Fri. (c)
 3:00-4:00 PM CBS Golf Classic—Saturday (c)
 3:25-3:30 PM CBS Afternoon News—Mon. thru Fri. (c)
 3:30-4:00 PM Gilligan's Island—Mon. thru Fri.
 4:00-4:30 PM Stan Hitchcock Show—Saturday (c)
 4:00-5:30 PM Big Show—Mon. thru Fri.
 4:30-5:00 PM Death Valley Days—Saturday (c)
 5:00-5:30 PM All American College Show—Saturday (c)

EVENING

	SUN.	MON.	TUES.	WED.	THURS.	FRI.	SAT.
5:30	Weekend Report News Weather Sports	CBS Evening News (c) W. Cronkite	CBS Evening News (c) W. Cronkite	Roger Mudd News			
6	Lassie (c)	Channel 5 News Weather Sports	Channel 5 News Weather Sports	Weekend Report News Weather Sports			
6:30	Gentle Ben (c)				The Queen and I (c)		
7		Gunsmoke (c)	Lancer (c)	Glenn Campbell Good Time (c)		The Wild, Wild West (c)	Jackie Gleason Show (c)
7:30	Ed Sullivan Show (c)				Hawaii Five-o (c)	Gomer Pyle (c)	My 3 Sons (c)
8		Here's Lucy (c)		Two Good Guys			
8:30	The Smothers Brothers Comedy Hour (c)	Mayberry R.F.D. (c)	Red Skeleton Hour (c)	Beverly Hillbillies (c)			Hogan's Heroes (c)
9		Family Affair (c)	Doris Day Show (c)	Green Acres (c)	Thursday Night Movie (Most in color)	Friday Night Movie (c)	Petticoat Junction (c)
9:30	Mission Impossible (c)	Carol Burnette Show (c)		Jonathan Winters Show (c)			Marshal Dillon
10			CBS News Broadcasts				Channel 5 News Weather Sports
10:30	Channel 5 News Weather Sports	Channel 5 News Weather Sports	Channel 5 News Weather Sports	Channel 5 News Weather Sports	Channel 5 News Weather Sports	Channel 5 News Weather Sports	Mannix (c)
11	Perry Mason	Perry Mason	Perry Mason	Perry Mason	MILLION \$ MOVIES	Films of the 50's	Films of the 50's
11:30	Sign Off						
12		LATE SHOW	LATE SHOW	LATE SHOW			



A CBS AFFILIATE

NASHVILLE,
TENNESSEE

CHECK STORED GRAIN FOR INSECT PESTS

Now that much of this year's grain crop is in storage, farmers should be aware that insect pests now in grain bins can harm next year's crop.

Rice weevils and anguomios grain moths fly from infested bins to developing grain in May or June. Confused flour beetles, sawtooth grain beetles and Indian meal moths also continue to reproduce in grain residues in the bin after the bin has been emptied.

Untreated grain from the 1968 harvest will contain 16 to 25 insects per pint. This number will increase to 45 by July, 1969, and may go as high as 195 by October, 1969.

Grain that was treated with premium-grade malathion at the time it was conveyed into the bin will contain only a few insects per pint by October, 1969. Grain that has been treated with one pint of 57 percent malathion diluted with six gallons of water can be fed to livestock or be sold for food production.

Positive control of insects in infested grain bins can be obtained by fumigation. Carbon tetrachloride, carbon disulfide, ethylene dichloride and ethylene dibromide fumigants are sold in various mixtures for grain fumigations.

The amount of fumigant required per 1,000 bushels varies according to moisture content of the grain and the type of storage bin.

These fumigants are effective when used in a tightly sealed bin with an air and grain temperature of 70 degrees or above. Fumigation within two weeks after harvest gives maximum protection. The exposure time is usually four to five days unless otherwise stated on the label.

An average loss of ten percent can be expected for all grain that is not fumigated or treated with a protectant.

GROWING YOUR OWN VEGETABLE PLANTS HAS ADVANTAGES

There are many advantages for the commercial vegetable grower who produces his own plants—

and now is the time to make preparations for growing them.

The plant growing period uses labor when little else is pushing. Disease control procedures can be carried out that will guarantee disease-free plants. Also, the quality of the plants can be controlled and fresh plants will be available when needed.

However, it is advisable to grow plants in Tennessee only in the case of large-acreage contract operations, particularly in the case of peppers.

Preparations should be made

now to effectively carry out the hot-bed and coldframe phases of plant growing. Plastic frames or plastic greenhouses are suitable. Plastic greenhouses are increasing in Tennessee in connection with vegetable plant growing.

Don't forget to order vegetable seeds early and in adequate quantities.

County Extension agents have information on vegetable plant production, including University of Tennessee recommended varieties for both garden and commercial use.

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To The Point

by John E. Stanford



Norman M. Clapp

At an editors' session during the course of the 1961 Annual Meeting of the National Rural Electric Cooperative Association, there was introduced to our group a gentleman who, according to the most reliable of sources, was to become the next Administrator of the Rural Electrification Administration.

In this instance these reliable sources were correct and that gentleman not only became the Administrator of the Rural Electrification Administration on March 3, 1961 but he has gone on to serve longer in that capacity than any other man in the 33 1/2-year history of REA.

This gentleman's name is Norman Clapp, a fine and able man whose brilliant record as Administrator speaks for itself in some of the following high points in the REA programs during his tenure in office:

- Made electric service available to an additional 4-million rural people
- Extended the benefits of modern, all-dial telephone service to more than 2-million rural people
- Approved \$2.5-billion in electric loans, including \$1.3-billion for generation and transmission, to meet the increasing electric power needs of people in rural areas
- Approved \$808-million in telephone loans to bring the benefits of modern, reliable telephone service to rural people
- Created 216,000 new jobs in rural areas under leadership of REA borrowers in local rural development activities
- Achieved a new low of 1.89-cents per kilowatt hour in average cost of electricity to rural users.
- Helped make possible the adoption of 692 reductions in electric retail rates for combined annual savings to rural consumers of \$21.7-million.

The high "grade" or rating at which the Administrator of REA serves (as contrasted with career Federal employees covered under Civil Service) is at the pleasure of the President of the United States.

When a Democratic Administration took office in 1961, Mr. Clapp, a Democrat, succeeded a Republican. With a Republican Administration taking office this month, Mr. Clapp could be continued in office at the pleasure of our Republican President, Mr. Nixon, or be replaced, without prejudice, by a Republican of Mr. Nixon's choice.

In either instance, Mr. Clapp can look back on not only what last November 20th became the longest service tenure in history of an Administrator of REA, but by any measurement one of the most progressive and successful.

What Mr. Clapp has done in the last almost eight years has benefitted millions of Americans whom he could not know personally. In that same span of time he has made many warm, personal friends who will continue to admire and wish well this man in whatever the future holds.

I am humbly happy to be one of these.

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CONTENTS

To The Point	4
Ag. Outlook	6
Electricity: Silent Partner	8
Food, Facts, Fashions	10
Your Coop Section	12
Uncle John's Page	14
Timely Topics	15
Richard Nixon	16
Don Murray	17
Nickell	18
90th Congress	20
Market Place	22

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ON THE COVER

Tennessee has long been a summer vacation favorite, and it's fast becoming the same for winter, as our cover picture, taken at Gatlinburg's ski area, will attest.

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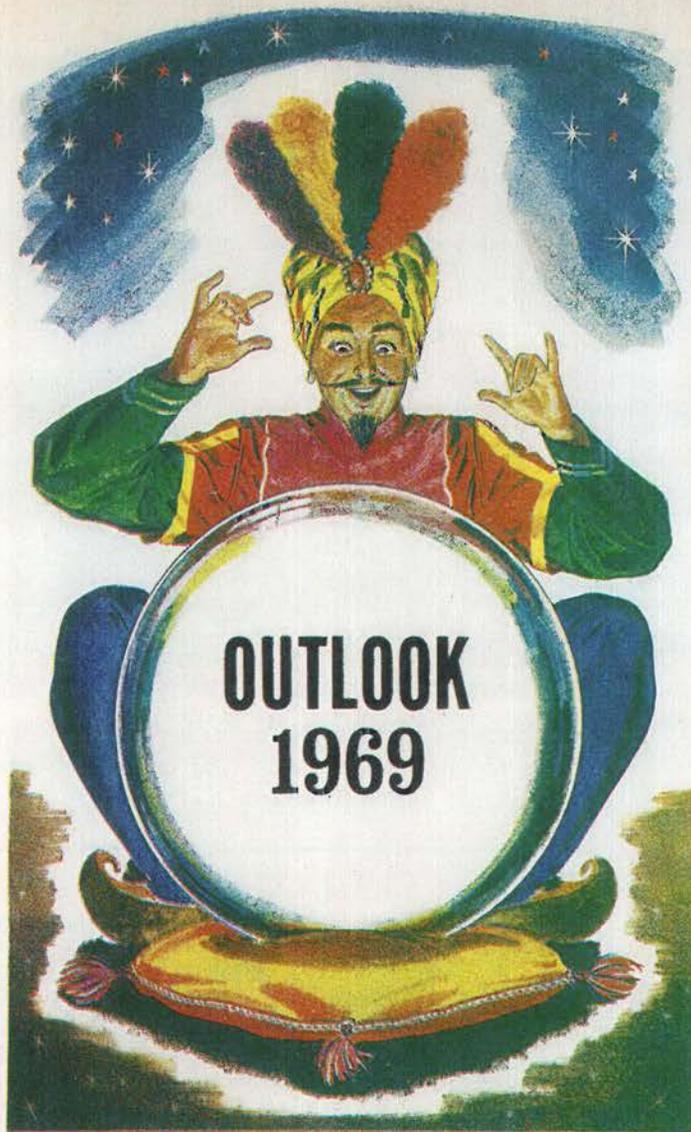
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(A forecast prepared by the Extension Agricultural Economics Staff, University of Tennessee.)

AGRICULTURAL OUTLOOK IN BRIEF

General: Tennessee farmers will have higher gross incomes, inflation continues to be a problem, net income about same as 1968.

Beef Cattle: Fed cattle prices to decline some this winter; feeder prices steady.

Hogs: Production rising; 1969 prices to average below 1968 levels, pig demand strong.

Sheep: Tennessee producers rapidly leaving the business; Good 1969 lamb prices likely.

Dairy: Prices to average higher in 1969 than 1968.

Eggs, Broilers and Turkeys: Relative to 1968, all expected to be higher first half of 1969; lower second half.

Feed Grains: Expanding carry-over stocks mean weaker prices.

Wheat: Prices near support level.

Cotton: Prices lower than last year, gross income to Tennessee farmers from 1968 crop sales about \$50 million.

Tobacco: 1968 prices slightly above 1967-'69 prices close—Production costs up.

Soybeans: Average prices for 1968-69, near or below support level.

Fruits and Vegetables: Supplies up sustained strong domestic demand; good export prospects; overall outlook favorable.

GENERAL ECONOMIC OUTLOOK

General economic growth in the year ahead is expected to proceed at a somewhat slower rate than in 1968. It appears that the total value of goods and services should rise by 5 to 7% to around \$900 billion annually by mid-1969. Inflation will probably ac-

count for 3 to 4% of the expansion, and real economic growth for some 2 to 3%. During the past year the total economic output rose about 9% with inflation accounting for 4% and real growth for about 5%.

The 1969 outlook is based on the assumption that military spending will not change drastically even if there is a political settlement in Viet-Nam. A substantial decline in war-related expenditures is not likely in 1969 even if peace is reached. Defense expenditures for the year ending June 30, 1968 were about \$77.2 billion and are estimated to reach about \$82 billion in the current fiscal year ending June 30, 1969.

The impact of the 10% surtax is expected to be the greatest during the first half of 1969. The tax became effective in April, 1968, but withholding of the surtax did not begin until July 1968. Thus, added taxes which were not withheld will be due by April, 1969. In addition, Social Security taxes will rise in January, 1969. These tax increases, plus restraints on Federal government spending, should aid in reducing the rate of inflation.

It is anticipated that income from the sale of farm products in Tennessee will be from the same to as much as 5% higher in 1969 than in 1968. This will be the result of a larger volume of products sold at the same or lower prices over all. However, farm costs are expected to rise 2% to 4%, thus it is anticipated that at best the increase in gross farm income will be barely adequate to offset increased farm costs. Net farm income in 1969, therefore, is expected to be near the same as in 1968.

The change in costs of different farm production items will vary considerably. Machinery costs, wage rates, and property taxes are expected to rise in the 5 to 10% range. The prices paid for gas, oil, agricultural chemicals, building and fence materials, seeds and other farm supplies are expected to be up less than 5%. It is further anticipated that the cost of fertilizer, feed, feeder pigs, feeder cattle, and interest rates should be about the same or down slightly. These changes in costs will affect individual farmers differently depending upon the amounts used of the different purchased items.

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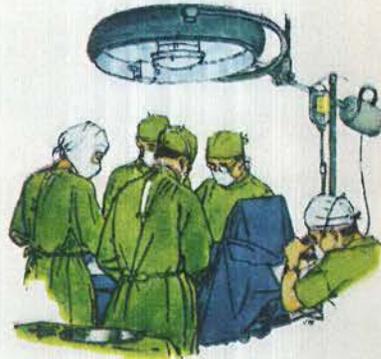
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ELECTRICITY : THE HORSE TRAINER'S "SILENT PARTNER"

By James A. Gibson
Electrification Advisor
Duck River Electric Memb. Corp.

C. A. Bobo and Son, trainers and breeders of Tennessee Walking Horses for over twenty years, utilize electricity in a variety of useful and helpful ways. From the flip of a switch which starts a 3/4 horsepower feed auger in the morning, until four 175-watt Mercury Vapor security lights automatically light-up in the evening, electricity constantly aids the Bobos and acts as their "silent partner" throughout the daily routine of training walking horses.

The C. A. Bobo and Son horse barn, located on 41A North of Shelbyville, in the Unionville Community of Bedford County, was built approximately one year ago. Up until that time, Mr. Bobo had his horse training operation at Collierville in West Tennessee. Mr. Bobo stated that he moved to Bedford County because it was centrally located in walking horse country, and because of the Tennessee Walking Horse National Celebration, held each year in Shelbyville.

Mr. Bobo, who has been in the walking horse business for 23 years, spends a great deal of his time away from home. Starting in early April and ending in November, he averages riding in one to two walking horse shows per week. While he is attending and competing in the various walking horse shows across the country, his son Bill is left in charge of the very important training operation. Bill commented, when asked the question of how long he had been working with walking horses, "I am twenty-three years old and have been connected with the walking horse business, in one way or other, all of my life."

The 252 ft. by 50 ft. barn presently stables thirty-five walking horses. The owners of these horses are residents of states such as North Carolina, Alabama, West Virginia, Texas, Missouri,



C. A. Bobo is shown here adjusting the thermostat on one of the 3,000-watt wall heaters located in his office area.

Pennsylvania, California, and of course, Tennessee. The barn is conveniently divided into three component areas—office area, training-stable area, and the grooming area. In all these areas, electricity greatly aids the Bobo's horse operation.

Mr. Bobo enjoys all the comforts of home in his office area. The attractively panelled office is equipped with two 3,000-watt wall heaters and an 18,000 BTU window air conditioner. From the large picture window located in his office, Mr. Bobo can look out into the training and stable area. Convenient and economical electricity is once again utilized in this area.

The 252 ft. long hallway is constantly used for riding and training, especially during cold and rainy weather. The riding area is well lighted with approximately 4,000 watts of incandescent lighting. Eight electrical outlets have been conveniently positioned on each side of the hallway for grooming needs.

At the lower end of the stables is the feed room. Here a 3/4

horsepower feed auger is used to convey feed from an eight ton feed bin, located on the outside at one end of the barn. The feed is then distributed to each stable, saving considerably on both manpower and time. Watering is never a chore because the horses always have a convenient and abundant supply of fresh water with a float-type watering trough installed in each stable.

Another area of the barn that is constantly an activity center is the grooming area. Here the daily chores of currying, combing, brushing, washing, exercising, shoeing, etc., are performed. This area is kept warm and comfortable during the winter season by four 3,000-watt quartz heaters. These heaters are conveniently positioned from the ceiling saving much space in the working area. The grooming room is divided into four sections with a quartz heater in each. Several convenience outlets are utilized in this area for electrical grooming apparatus such as clippers and the never-ending shoeing operation.

Positioned on each side of the grooming area are two horse walkers or exercisers. Each is electrically driven with a 1/4 horsepower motor. These walkers can exercise eight horses at one time, saving, once again, considerably time and labor, which is essential in any business. The wash rack is also located in the grooming area. A 52-gallon quick



A 200 amp. main service panel adequately serves the electrical load and convenience outlets at the C. A. Bobo walking horse barn.

recovery electric water heater supplies the much demanded hot water necessary in the cleaning and grooming chores. And would you believe that an electric vacuum cleaner is used to aid in keeping the area clean and free from dust. It is!!

It has been said by many that the world's greatest "tonic" is a ride on a Tennessee Walking Horse. C. A. Bobo and Son are strong believers in this statement. By utilization of modern, convenient, and economical electrical equipment, the Bobos continue to increase the dosage of this "tonic". Duck River Electric Membership Corporation is proud to be the power supplier of such a progressive and modern horse training operation.



Here is one of the 'horse walkers' located in the grooming room. The walker, which can accommodate four horses at one time, is electrically driven by a 1/4 horsepower motor.



Bill Bobo, son of C. A. Bobo, flips the switch to start a 3/4 horsepower auger motor. Feed is augered from an eight ton grain bin located outside the barn.



Water is supplied to each stable by a float-type water system.



Bill Bobo, right, and assistant trainer Roger Light, are shown preparing one of their top walking mares for her daily "work out". The 3,000-watt quartz heater extending from the ceiling provides warmth to both trainers and horses during grooming operations.



Four 175-watt mercury vapor security lights are evenly positioned around the Bobo walking horse barn. Each light is equipped with a photoelectric cell that automatically turns the light on at night and off in the morning.

A LOOK AT TODAY'S AND TOMORROW'S ELECTRICAL APPLIANCES

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

Each year we see electrical appliances with new features and new electrical appliances being introduced. This year is no exception. New appliances are swinging right into this fashion-conscious world of ours with lines that are sleek and colors that are bold and splashy. They run better, last longer, and produce superior results. Thus, with the push of a button or the turn of a control these beautiful and efficient appliances do a far better job than the techniques formally used.

Here's a run down of what has happened and rumors of some exciting things to come as far as appliances are concerned. As we peer toward that bright world of tomorrow, it may make today's world appear ragged, tattered, and old-fashioned. Emphasis seems to be on reliability, convenience, and cleanability. Size, too, has become important. The very big and very small are news—the large for big-growing families while the small are personal, portable, or apartment sizes. Automation is a byword. New appliances almost look after themselves, yet offer greater individual control. They have many easy-use, easy-care features. We find less and less servicing needed with increased

quality and performance as more solid state components are being used.

This year refrigerators and refrigerator-freezers have many features enthusiastically endorsed by homemakers, such as: frostless freezing systems, automatic ice makers, more temperature controls, more shelf variations, and more new colors to choose from. Some models have french doors which open from either side with equal ease. Others have left or right-hand doors while one manufacturer features a door on his refrigerator that can be easily rehinged so that the door may be opened from either the left or right. Available also are refrigerators mounted on wheels or rollers as well as those which have an air-lifting pad installed in the base making them easy for the homemaker to move.

It is predicted that the trend to larger refrigerators will continue for the next few years. Because of this, the next step may be to divide them into smaller parts. There are indications of mass marketing of modular refrigerators in the 1970's; that is, individual units will be used for specific foods. Modular refrigeration will make possible the storing of food at the place of use. Meats and pre-packaged dinners may be stored near the range, fresh foods and ice trays stored near the sink while evening snacks may be stored in a refrigerated bedroom night table.

Electric ranges with these new designs and features are indeed keeping pace with this exciting, wonderful, fast-moving world

Today's teens—Tomorrow's homemakers learn the world's shortest clothes line—an automatic electric dryer—helps eliminate the unloved chore of ironing.



Electricity can be the homemaker's best friend—especially when it's used to operate a dishwasher—taking the drudgery out of dishwashing.



Miss "TECA" Donna Reece finds cooking with the electronic oven very fascinating. So easy and foods are prepared in minutes rather than hours.

we're living in today. Self-cleaning ovens are big news and certainly good news for the homemakers. Under development now is a new idea for the self-clean oven. This employs a so-called "catalytic" method whereby the cooking residue is burned off automatically while the oven is in operation at normal cooking temperatures. Other big news is that one manufacturer has entered the major appliance market with the "Counter that Cooks". This unique range top has a smooth, glass-ceramic cooking surface that fits flush with the

counter top. With its beauty as well as convenience is added. Beauty as there are no exposed coils; convenience in the ease with which it is cleaned. Microwave or electronic cooking is truly big news and is the most amazing cooking advance of the century. The outstanding feature of this new method of cookery is its dramatic timesaver—cook in minutes rather than hours. Cooking is done by microwaves, not conventional heat; therefore the air in the oven cavity, the walls of the oven, and the cooking utensils remain cool except for the small amount of heat transferred from the foods. With electronic cooking, the food is cooked on dishes made of glass, plastic and even paper. Thus we say good-bye to old-fashioned metal pots and pans for manufacturers' advice is to use no metal cookware. Yes, imagine, no after meal cleanup of pots and pans!

Growing in popularity today is the disposer for the increased convenience and sanitation it provides. Many models feature ½ h.p. motors and redesigned shredders give more efficient grinding. This appliance, coupled with the appliance that American women love, —the dishwasher—helps keep kitchen clutter and mess to a minimum besides saving time.

Stepping into the laundry we find both automatic washers and dryers have a variety of refinements. Two reasons for some of the new design in laundry equipment are permanent press fabrics and solid state controls.

Garments made from permanent press fabrics are helping eliminate the unloved chore of ironing; that is, when they are laundered as the manufacturer recommends—"Wash in an automatic washer and machine dry".

Solid state controls in some of the new washers perform marvelous new and important functions permitting the selection of an infinite number of agitate and spin speeds. The slow, gentle action of hand washing can now be done by machine while more heavily soiled family size loads can be washed efficiently simply by changing to the proper wash and spin speeds.

Electric dryers provide us with the world's shortest clothes line and at the same time give us the quickest, most efficient

method of drying clothes. Electronically controlled moisture sensing is probably the newest improvement in dryers. The drying cycle automatically terminates when the clothes attain the exact dryness selected.



A touch of the control provides abundant heat with electric fireplaces that fit naturally in the decor of any room.

Other features to be found on modern laundry equipment include: automatic dispensers for detergent and rinse additives, porcelain finishes that won't rust, snag, or stain, controls which permit a choice of wash and rinse water temperatures and water level adjustments for different size loads.

The electric fireplace, a complete heating unit, is a new item that simulates a glowing fire. The handsome design of these units fit naturally in the decor of any room. Installation is easy as the fireplace surface mounts on the wall and provides clean, thermostatically controlled heat that is just right to sit comfortably before reading a favorite book while munching on roasted nuts or freshly popped corn. Sounds incredible—maybe so—nevertheless the electric fireplace is here and here to stay.

Practical and pretty are words that describe portable appliances. They have become more automatic and have been designed to meet the needs of the individual user through more precise and flexible controls. Some startling and exciting improvements that will be seen on portable appliances are features such as: blenders with built-in thermostatic heat control for cooking as well as blending, auto-slicing knives with blades that can be switched for either horizontal or vertical carving, electric

bread and bun warmers for keeping bread warm throughout the meal, irons that have permanent press touch up settings with non-stick surfaces on the sole plate, hair dryers with spray mist to moisten hair and finally dry it, curling irons of the 1920's modernized with large roll curlers and electric curlers for hastily changing a sagging hair-do into the popular soft, large, natural waves of today, manicure sets used not only for manicures but pedicures as well, blankets and sheets that make cover so lightweight and keep an even temperature regardless of changes during the night.

Looking into the future, life sounds downright unbelievable.



Automatic ice makers keep a supply of ice ready for use at all times and replaces ice which has been taken, automatically.

Products which may be available within the next few years will allow us to tune and adjust our color television set with a wave of the hand; thermoelectric irons that will provide instant heat, remove spots, and never scorch; electronic clothing conditioners which will clean and deodorize clothes stored in a cleaning closet; and battery operated vacuum cleaners that will be programmed for cleaning carpets without manual operation. There will be home computers to keep bank account and household budget up to date, just as we now have computers which are programmed for inventory control, shopping list, and menu planning.

We have already seen many of these marvelous things which have advanced our standard of living. Much more could be said of the new and exciting things of the future that will help make dreams of the home come true. Yes, we are living in a changing world—a world of progress—a world where major and portable electrical appliances of the future will greatly influence our mode of living.



A
NEW-FASHION
IDEA

FOR BETTER
LIVING WITH
RURAL
ELECTRIC
POWER

FULL HOUSEPOWER IS JUST A PLUG AWAY FOR MODERN, TOTAL-ELECTRIC LIVING

Back in the "good old days", the lucky housewife had three or four electrical appliances to help in her daily chores. Today's modern homemaker can have as many as 188 electrical servants for almost every job from cooking to drying her hair.

This explains why today's busy homemaker gets more things done and does them better than ever before.

The ever increasing number of appliances also explains why so many homes have outgrown their present electrical wiring system. Because you use more appliances, circuits become overloaded which cause lights to dim, TV to flicker and fuses to blow.

If your home has been wired for more than 10 years, play it safe and have the wiring system checked by an expert. If it is inadequate for your present use of electricity, the problem can probably be solved by installing larger electrical entrance equipment (fuse box). The small cost will be quickly re-paid in greater safety.



TENNESSEE'S RURAL ELECTRIC COOPERATIVES

The Name of the Game Is "Superb"

Making that "great shot" and bagging the game is a real thrill for the hunter . . . and the homemaker who can do a superb job of preparing the game for family and friends can share an equal pride of accomplishment.

Many homemakers shy away from the task of preparing game, often just because it appears to be such a change from the regular routine. In most cases, though, these fears are unfounded. Most game can be prepared just as easily as the customary meats on the everyday menu.

Because serving wild game is something special and different, however, why not take some extra time and go at it from a gourmet's view? This month, we've hunted down some creative recipes to use in preparing the game the fearless hunter of your house brings home. They're a bit different without being overly complicated. We hope your family considers them extra-special.



Roast Wild Duck

- 2 wild ducks, 2 1/2 lbs. each for 6 servings
- Salt
- Raisins
- Chopped apples
- Thick slices salt pork or bacon
- Butter

Have the ducks at room temperature. Dry them thoroughly inside and out. Rub the insides with salt. Fill the cavities loosely with chopped apples and raisins. Place the ducks in an uncovered roasting pan. Cover the breasts with salt pork or bacon. Brush them with butter. Roast the ducks in a moderate oven 325° 10 to 12 minutes to the pound for rare duck, 15 to 20 minutes to the pound for well done. Baste frequently with the fat in the pan.

Pheasant in Sour Cream

- Pheasants
- Flour
- Butter
- 1 slice onion
- Sour cream
- Salt and Pepper

Prepare pheasants for cooking. If you like, cut them in pieces as you do chicken for frying. Dredge pieces with flour. Melt butter in skillet. Saute the onion lightly. Brown the pheasant lightly in the fat. Pour over each pheasant or each piece of pheasant 1 tablespoon sour cream. Cover the pheasant and cook them in a moderate oven 375° for 1 hour. Baste them every 10 minutes with sour cream. Season them with salt and pepper. Use the drippings for gravy, adding more sour cream if needed. Serve the birds with wild rice or plain rice.

Quail Casserole

- 6 quail
- 1 1/2 cups chicken stock
- 12 very small white onions
- 12 potato balls
- 1/4 teaspoon rosemary
- 2 pinches thyme
- 1 pinch tarragon
- 1 carrot
- 1 cup heavy cream
- 1/4 pound butter
- 1 cup button mushrooms
- Salt
- Pepper

In a saucepan place 3 cups of salted water and onions, bring to boil, put lid on pan and simmer for 15 minutes. Drain off the water and add to the onions in the saucepan grated carrot, potato balls (shaped from a large potato with a curved cutter) and chicken stock. Bring to a boil and simmer for 10 minutes. Melt butter in a skillet. Split quail lengthwise, rub with salt and pepper and dust lightly with flour. Saute the quail until lightly browned in the butter, remove and arrange in the bottom of casserole. Sprinkle the quail with rosemary, thyme and tarragon and pour over them the onions, potatoes and stock from the saucepan. Place the cover on the casserole and put in 350° oven for 15 minutes. Remove the cover, add mushrooms and cream. Replace the cover and cook for another 15 minutes.

Rabbit Hasenpfeffer

- 2 rabbits
- 4 large onions
- 4 cloves
- 1/6 pound of butter
- 6 peppercorns
- 1 bay leaf
- 1 carrot
- 1 pint wine vinegar
- 1/2 teaspoon tarragon
- 1/4 teaspoon basil
- 1 cup fine, browned breadcrumbs
- 1 cup sour cream
- Salt
- Pepper
- 1 clove garlic

At least 24 hours before cooking, prepare marinade in an earthenware casserole of wine vinegar, 2 onions sliced fine, one minced clove of garlic, cloves, bay leaf, shredded carrot, tarragon, basil and 1 teaspoon of salt. Stir thoroughly and add two rabbits cut in sections. Marinate for 24 hours, turning several times. Marinate in a cool place rather than the refrigerator. Place the butter in a large skillet and after rubbing dried rabbit sections with salt and pepper, saute them until browned, then add two onions minced fine and brown them lightly. Add one cup of the strained marinade, place a lid on the skillet, and when it has cooked out, over medium heat, add another half-cup of marinade. After 10 minutes remove rabbit sections to a warming oven and stir in browned breadcrumbs and sour cream, stirring until gravy thickens. Replace rabbit sections, stir and serve.

Uncle John's Page

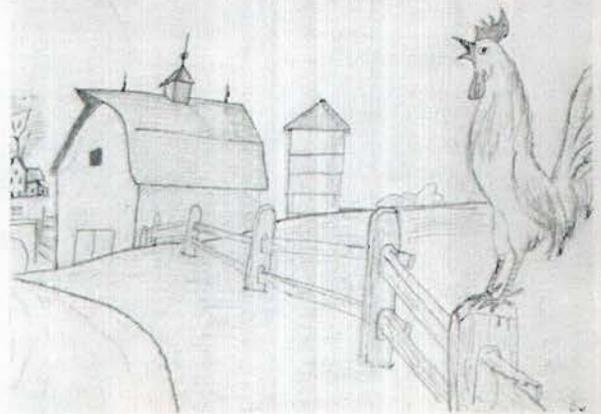
This page is reserved for the young folks. We will pay one dollar for each poem or drawing published. ALL WORK MUST BE ORIGINAL. Drawings should be in black, and drawn on white, unlined paper. Tell us your age, address, and Electric Co-op, and

Send all items to:

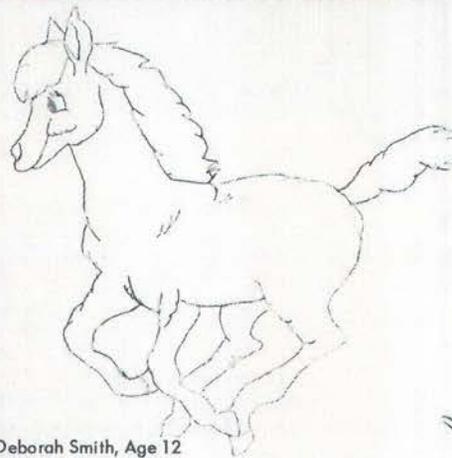
UNCLE JOHN, The Tennessee Magazine
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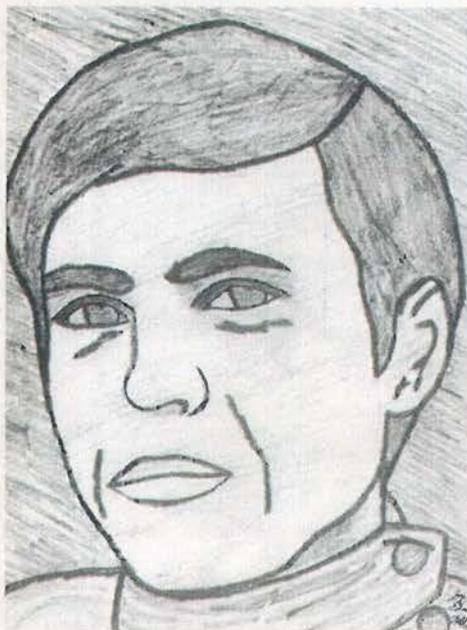
Judy Little, Age 14
Route 2
Dyer, Tenn. 38330
Gibson County EMC



Deborah Smith, Age 12
Route 3, Cookeville, Tenn.
Upper Cumberland EMC



Kathryn Lowe, Age 15
Route 3, Manchester, Tenn.
Duck River Electric Memb. Corp.



Edna Mae Totherow, Age 14
Route 4, Box 136
Murphy, N.C. 28906
Tri-State E. C.



Robert Jamerson, Age 13
Rt. 1, Box 288
Collierville, Tenn. 28017
Chickasaw Electric Cooperative

Timely Topics

GET EWES READY FOR LAMBING

The best way to be sure that you will have a good crop of healthy lambs is to get the ewe flock in good condition for lambing, says Fred C. Powell, assistant animal husbandman with the University of Tennessee Agricultural Extension Service.

Healthy ewes in late pregnancy remain alert and active in spite of their bulky appearance. They require exercise every day and they should be gaining in weight during the last month before they lamb.

"In addition to winter pasture or a grass-legume hay, pregnant ewes should receive one-half pound of grain daily prior to lambing time," he continues. "After lambing this ration can be increased to one pound in addition to a straight legume hay. This type of ration will provide energy and protein necessary for strong, healthy lambs and adequate milk production."

Internal parasites may be numerous enough to make pregnant ewes anemic, Powell notes. They show this by listlessness and pale membranes of the eyes and mouth. Thiabendazole, a working medicine, is perfectly safe to give to ewes suffering from worms right up to the day before they lamb. So, it might be advisable to worm the ewe flock if there is any reason to believe they have worms.

WANT A NEW DAIRY HERD?

Most of us will agree that a dairy herd must be well fed in order to produce a large amount of milk, but when the herd is receiving an adequate amount of high quality feed, it is important to improve the inherited producing capacity of the herd.

"Regardless of how well a herd is fed and cared for, it cannot produce more than its inheritance enables it to produce," points out Ray Spann, University of Tennessee assistant dairy husbandman. "If, for example, the inherited producing capacity of your herd is limited to an average of 12,000 pounds of milk per cow annually, no amount of extra feeding or better management will increase production."

The quickest and surest way to improve this capacity is through the use of a series of good sires. Because the daughters of a bull receive half their inheritance from him, it is often said, "The bull is half the herd."

In one generation, the sire contributes 50 percent to the genetic makeup of the new heifers in the herd, Spann continues. Seventy-five percent of the genetic makeup of the second generation is contributed by the sires used in succession. In only a few years of using a succession of good sires, the inheritance of your herd can be almost completely reconstructed.

Usually 20 percent of the cows in a herd are removed each year and are replaced by first-calf heifers. In this way, every four to five years the herd is an entirely new group of animals. If you select herd sires carefully, you will not only have a new herd, but, in a relatively few years, a greatly improved one.

NOW AVAILABLE: FARMER'S TAX GUIDE

How about spending some of your "spare time" getting your farm business records completed in good order so that you can file your income tax returns on time?

This question is asked by Frank M. DeFriese, associate agricultural economist with the University of Tennessee Agricultural Extension Service.

"If two-thirds of your gross, or total, income is from farming, you may either pay the tax due for February 15, or you may make an estimate," says DeFriese. "If you choose to make an estimate, it must be paid by January 15, and the final return must be filed by April 15."

The new Farmer's Tax Guide, 1969 edition, can be of much help to you in completing your tax return, he continues. If you have a tax consultant to complete your income tax return for you, the guide will still be helpful. A copy of this new publication is available at your county Extension office.

"The publication gives guide lines regarding what is income for tax purposes," he explains. "It discusses expenses which may be deducted. There is also a section on how to handle the sale of a farm or a portion of the farm which was taken for interstate highway."

Another section important for most farmers is the proper handling of the sales of livestock, he says. Some livestock sales are subject to tax for the entire gain while only one-half the gain is subject to tax for other sales.

CHECK WIRING FOR OVERLOAD

Don't let an overloaded electrical system create a safety hazard or inconvenience you this winter. With mid-winter weather, demands are made on electrical systems to supply power for space heaters, additional lights, brooding equipment, electrically heated livestock waterers and many other uses, reminds Kenneth E. DeBusk, University of Tennessee assistant agricultural engineer.

Having to replace fuses, or reset circuit breakers often, or if the television distorts, and lights flicker when the pump, refrigerator or other motor starts, means the wiring system needs checking.

The signs just mentioned are warnings that the wires supplying power are overloaded. It could be that the loads are not properly distributed over several circuits or that the main service has been outgrown.

Do not replace a blown fuse with one of a larger size, cautions DeBusk. This will allow a conductor to carry an overload which may create a fire because the wire became too hot.

If your electrical system shows signs of being overloaded, consult with the power supplier representative or a competent electrician in your area. Either of these can make an inspection to determine the cause of electrical troubles. They can also make recommendations for new circuits to allow the maximum in performance and convenience from the electricity which you purchase.

As A Candidate, President-Elect Nixon Spoke Favorably for REA, Rural America



If political campaign platforms are as good for standing on as they are for running on, the REA-financed electric co-op and other rural programs should prosper during the administration of President-elect Richard M. Nixon. Mr. Nixon, by his own words, is the authority for this encouraging outlook.

During his campaign for the Presidency in 1960, Mr. Nixon expressed these sentiments regarding REA and its borrowers, almost entirely rural electric co-ops:

"Ahead of us lie the years of greatest growth for systems financed by the Rural Electrification Administration. Farmers are using more electric power for production. More people and more businesses are moving to our rural areas. All will require abundant electric power and modern dial telephones. In view of this demand, these are my objectives for the REA program:

"(1) Assure that enough funds are made available to meet all loan needs of REA borrowers.

"(2) Maintain the present interest rates for activities clearly related to the needs of rural areas.

"(3) Help provide abundant electric power for REA borrowers, including the use of REA generation and transmissions loans where needed and feasible.

"(4) Support the long-standing objectives of REA to help its borrowers become even stronger local enterprises, recognizing their local nature and their desire not to have their board decisions dictated by Wash-

ington.

"(5) Oppose any action which might weaken the rural service organizations which have been built by REA operations in farm and rural areas.

"These policies are in keeping with my consistent support of the objectives of the REA, and these are the principles which I would apply vigorously to the REA program."

During the course of the 1968 campaign which led to his election in November, and on the invitation of the National Rural Electric Cooperative Association, Mr. Nixon made a television tape, as did his Democratic opponent, Mr. Humphrey, which was seen and heard by delegates attending NRECA's Regional Meetings. In this Mr. Nixon restated some of his views on REA, then broadened his range to include other rural problems and responsibilities:

"I've had an interest in the REA going back to the time I came to the House of Representatives 21 years ago. As a Congressman, as a Senator, as Vice President of the United States during the Eisenhower years, I supported your programs then; I support them now. And through my mutual friends, Milt Young, Karl Mundt, and others in the Senate and the House, I have learned of some of the current problems that you have, and I want you to know my position on those problems.

"The first one is, of course, the problem of financing. And we begin there with interest rates, the favorable interest rates that are absolutely essential if REA is to continue to grow and prosper. I favor the continuation of a favorable interest rate situation.

"And second, of course, is the necessity for supplemental financing for REA projects. Here we've had a number of schemes that have been suggested. I only want you to know that I'm going to look again to my friends in the Senate and the House, like Karl Mundt and Milt Young, so that we can get the program that would be adequate to see to it that REA will have the supple-

mental financing essential for this program to continue to prosper and to continue to grow.

"The second point that I think should be mentioned with regard to the REA specifically is with regard to sharing in the Federal government's power programs. I've never had any doubt that this particular activity should continue on a sound basis, and I want you to know that as President of the United States, if I have the opportunity to serve in that position, that you will have my support of that type of activity and that kind of program.

"Certainly where Federal power projects are created, REA should have the opportunity to share in those power rates, those favorable rates, on an equitable basis.

"And finally a point that I wish to make goes beyond the REA, but it's something that has to do with the future of this country — the kind of an America we're going to live in eight years from now, or at the end of this century, 32 years from now, when we're going to celebrate — some of us who live that long — a new year that comes only once in a thousand years — the year 2000.

"I'm concerned about the kind of America we're going to have then. I don't want it to be an America with our cities growing bigger, and bigger, and bigger, choked with traffic and crime, and all of the problems that confront them today. And one of the ways that we can build a better America is to look to rural America.

"There's been emphasis on what's happening in urban America, in the cities. But there hasn't been enough attention to what has happened to rural America. Fifty million people live in rural America. And yet as we look at rural America, we see poverty here, in many instances, even greater than some of the slums of our cities.

"I believe that we need an approach that will look to rural America, look at its problems,

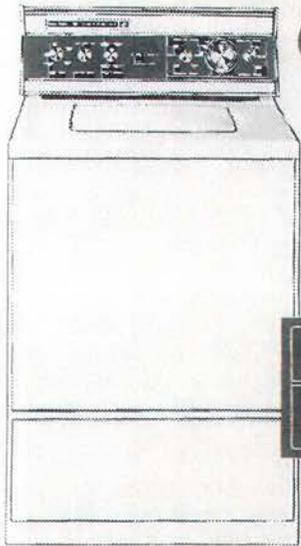
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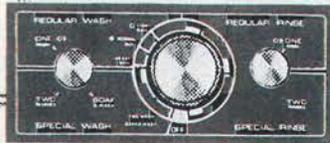
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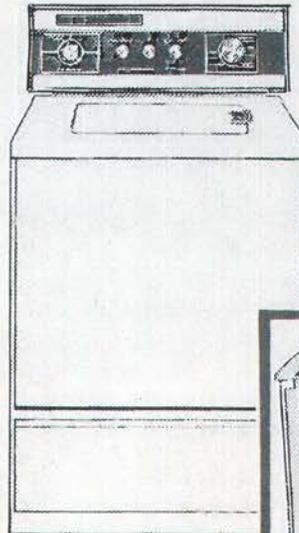
Choose your own way: Wash once and rinse once, wash twice and rinse twice, wash twice and rinse once, soak

and rinse once, wash and rinse twice.

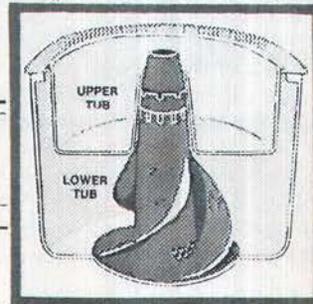
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DON MURRAY NAMED TO MAGAZINE STAFF



Don Murray

A new appointment to the staff of the Tennessee Magazine was announced this month by J. C. Hundley, Executive Manager of the Tennessee Electric Coopera-

tive Association. Filling the advertising position of the late Harry Stone will be Don Murray a resident of Nashville and formerly Sales Manager for National Acceptance Company, a firm involved in industrial finance with headquarters in Chicago, Illinois.

Murray graduated from the University of Georgia in 1960 with a degree in Journalism and has had six years of sales experience in the fields of office equipment and commercial leasing. Since he has traveled over the state, Don is aware of the broad coverage of services offered

members of the Tennessee Electric Co-op and has had extensive contacts with industrial firms in Tennessee.

The Murrays include Mrs. Julie Murray, from Atlanta, Ga. and two children, a six year old daughter, Kathy, and five months old son, John. They reside in Donelson at 96 Fairway Drive and attend St. Phillip's Episcopal Church, where Don is the Sunday School Superintendent.

As Advertising Manager, Don will be calling on potential buyers of space in the Tennessee Magazine and assisting in the operations of the publication.

It Was "Like Brother, Like Brother" In
1968 Tenn. Finished Cattle Show As . . .

Grand Championship 'Lightning' Strikes Nickell Family Twice

By John Stanford



Jim Nickell (right), Randy's father, discusses with Elmo Lunn (center) Electrification Advisor of Meriwether Lewis Electric Co-op, the service equipment for his grain dryer. Randy listens to conversation at left. Family is long time member and heavy user of services of Meriwether Lewis.

If the writer were a betting man, he'd risk a penny or two that a bright young Nickell in Hickman County will some day be worth quite a few dollars.

As a matter of fact Randy Nickell of Route 1, Centerville isn't exactly empty-pocketed at the tender age of 13 since, as winner of the recent 46th Annual Tennessee Finished Cattle Show, he received \$2.30 per pound for his 955-pound Grand Champion Hereford steer. That \$2,196.50 paid by the H. G. Hill grocery chain for Randy's 15-month-old beauty should be enough to keep the Hickman County 8th-grader in spending money for awhile.

While showing the State Grand Champion was a new experience for Randy, taking home prize money was not—neither for Randy nor the Nickell family. In five years of showing, Randy has won several prizes at the county level and twice has shown Reserve Champions in the state competitions. And his 1968 Grand Championship, while a great and rewarding thrill for Randy, was not a first for the family parented by Mr. and Mrs. Jim Nickell. In 1959 their other son, Larry, now 20 and an Electrical Engineering student at Tennessee Tech.

University, showed the Grand Champion in the 37th Annual Tennessee Finished Cattle Show which, then and now, is open to all 4-H and FFA members in the Volunteer State. Nine years ago Larry received \$1.35 per pound for his 1,105 pound steer.

The senior Nickells, who operate a 425-acre farm about

12 miles from Centerville, are also the parents of three grown daughters. Randy, the youngest of five children, is the only child still at home.

The fact that Randy Nickell is interested in show cattle is about as surprising as Henry Ford being interested in automobiles. While show cattle are not necessarily the hard core of the Nickell farming operation, they are an important part of it. Actually, the two Nickell sons, Randy and Larry, own all of the Registered Hereford brood cows from which come the show stock. Randy now owns three such cows and Larry four. They have the services of the senior Nickell's Registered bull.

Whatever love for cattle shows Jim Nickell may have, he takes out through encouragement and cooperation with his son Randy, just as he did with Larry before he got too old to compete in the 4-H and FFA shows and too busy in college to compete in other type shows.

Father Jim is primarily a cattle



A look-ahead type of youngster, Randy looks in on a 100-day-old calf which he already has selected as his entry in the 1969 Finished Cattle Show.

farmer. He owns 50 brood cows, most of which are predominantly Hereford although he describes their pedigrees as "dirty" as contrasted to the clean registrations of the seven brood cows owned by sons Randy and Larry. Jim Nickell, who has farmed all of his life, owns 800 acres of timberland in addition to the 425 acres of cleared and improved land used in his farming operation. Row and field crops such as corn, soybeans, Lespedeza hay, barley and wheat are fed through some 300 feeder pigs which he buys and fattens for market each year plus fat cattle which he raises from his 50 brood cows and fattens out to an age of about 18 months and a weight of 800-to-1,000 pounds.

Jim and Mrs. Nickell are long-time members of Meriwether Lewis Electric Co-op, a fact which has enabled them to carry on an extensive farming program with virtually no hired help. Says Jim, "I guess we use about as much electricity for as many different things in farming as anyone in our area. It's an absolute must if a farmer is to survive today and we're mighty happy with the service we get from our Meriwether Lewis Electric Co-op."

Back to the youngest Nickell, some idea of the quality of Randy's show cattle might be gained from the fact that the steer with which he won the State Grand Championship won third place in local county competition while another steer, with which he won first place in the county, finished third (although in a different class) in the State show.

Randy, a member of the Hickman County Junior High Eighth Grade 4-H Club, competed against some 15 fellow club members in the county show. His Grand Champion steer won over a field of about 400 in the State competitions where preliminaries are held by breeds (Shorthorn, Hereford and Angus) and by weight (light, medium and heavy). These various preliminary winners compete for the Grand Championship won by Randy's un-named medium weight Hereford.

And what about the future for 13-year-old Randy?

Part of the immediate future might be found in a barn near the Nickell home where Randy has a 4-months-old Hereford beauty on dry feed and in pre-

paration for the 1969 Tennessee Finished Cattle Show.

"I hope to continue showing until I'm a senior in high school," says Randy, a basically quiet youngster who at the same time is never at a loss for an informative answer to questions. "At that time I will reach the age limit for competing in this event which my brother Larry and I have been in for quite awhile."

And would young Randy like, someday, to farm for a living?

"Right now I'd like to study engineering at either Tennessee

Tech or Middle Tennessee State," replied Randy. "Right now I don't plan to farm."

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Rural Electrics' Gain Was Slight In Second Session of 90th Congress

by Phil Sawicki
NRECA Statewide Correspondent

Laid beside a list of the hopes and interests of the nation's rural electric cooperatives, the legislative record of the second session of the 90th Congress is fairly disappointing.

The session, however, was never dull, and future history books are likely to take note of it for two reasons:

- A presidential nominee for Chief Justice of the United States was, in effect, rejected by the Senate for the first time since George Washington was President.
- A member of the House of Representatives made a speech that lasted only four and one-half seconds.

The presidential nominee, of course, was Abe Fortas, already an associate justice of the Supreme Court whom President Lyndon Johnson sought to elevate to the nation's highest judicial post. When Fortas' backers in the Senate were unable to cut off debate on his nomination by obtaining a two-thirds majority, he became the first man to be denied the job by the Senate since that body rejected John Rutledge in 1795.

The member of the House was Rep. Ken Hechler, a West Virginia Democrat, who took the floor to say only "By your Vice Presidential candidates shall ye know them." It seems unlikely that Hechler's record for brevity will be surpassed or even equalled any time soon.

In regard to appropriations for REA electric loans, Congress finally agreed on a figure of \$370-million. Compared with the previous year's \$390-million, the new figure could be considered typical of the kind of congressional action taken on most parts of the Federal budget.

Even though the Federal Government gets REA loans back and with interest, Congress origi-

nally intended to appropriate only \$304-million in new funds for electric loans. Congress indicated that REA also could use \$42-million appropriated for electric loans the previous year but never released by the Budget Bureau.

This would have given REA a total of \$345-million for electric loans, far less than needed. Thanks, however, to an effort in conference committee led by Sens. Milton Young, Karl Mundt, and Ralph Yarborough, Congress added another \$25-million for the electrics. Whether that additional money will ever be loaned is problematical, however, since the Budget Bureau so far indicates it won't allow REA to use it.

Progress on another matter of intense concern to rural electric cooperatives was clearly visible during the second part of the 90th. At the urging of Sen. George Aiken, Vermont Republican, the Joint Committee on Atomic Energy held full-scale hearings on a bill sponsored by Aiken and the late Robert F. Kennedy to give rural electrics a share of the ownership in nuclear power plants.

These hearings provided a foundation that will be built upon in the next Congress, despite the intense opposition of investor-owned utilities.

Although it was a hot summer in Washington, literally and figuratively, there was no major blackout in the country. The result, despite the prodding of Lee C. White, chairman of the Federal Power Commission, was that Congress quickly lost interest in an electric power reliability act.

As in 1967, the House in 1968 refused to grant a single nickel to continue work on the Dickey-



Lincoln hydroelectric power project in Maine. Even though Maine's congressional delegation solidly supported the project, even though more than a million dollars already has been spent planning it, the House offered up Dickey-Lincoln on the altar of "economy." The irony of it all is that New England is the only area without hydroelectric power projects paid for by the Federal Government.

After beating back efforts to limit agriculture crop subsidy payments to \$20,000 for any single recipient, the Congress passed a one-year extension of the 1965 Food and Agricultural Act. This law provides price supports for corn, wheat, feed grain, milk, wool and mohair. Otherwise the session was a mediocre one so far as farmers are concerned, at least in the opinion of the National Farmers Union. The NFU commented that "The 90th Congress will, on balance, be judged to have been a Congress that, at best, left the farmer no better off than it found him and, at worst, may have by its failures put him on the skids to ruin. NFU President Tony Dechant expressed disappointment that it adjourned without passing essential legislation for farm bargaining and strategic grain reserves, and failing to extend the 1965 Food and Agriculture Act by more than one year." On the other side of the fence, the American Farm Bureau Federation expressed its hopes that the next Congress will take a new, and different, view on the relationship between the farmer and the government.

Whether it was a good year or not in regard to farm legislation was debatable. But most everyone seemed to agree that the

second session of the 90th did a lot for the American consumer.

The biggest boon was passage of a truth-in-lending law after a struggle that lasted eight years. The law will go into effect in July, 1969. It will require bankers, loan-sharks, credit unions, etc., to tell borrowers the actual annual money cost of interest on loans, charge accounts, and purchases on time payments.

Congress also passed for the benefit of consumers legislation to improve the inspection of poultry and the safety of natural gas pipelines.

Again on the minus side of the ledger, the 90th's second session saw a bill to establish supplemental financing legislation for rural telephone cooperatives disappear into legislative limbo. After overwhelmingly favorable action in the House Agriculture Committee, the bill moved on to

the House Rules Committee. It was never again seen alive. The only public opponents of the bill were the investor-owned electric utilities, who said they feared the bill would establish a precedent for a supplemental financing plan for the electric cooperatives. The National Telephone Cooperative Association intends to have the bill re-introduced during the 91st Congress, which convened on Jan. 3.

Despite disappointments for rural electric and telephone cooperatives, the second session of the 90th did write numerous significant laws. Everyone by now is probably aware that it raised taxes. Although billed as a temporary increase, few in Washington are optimistic that it will be allowed to expire during 1969.

Any list of other important legislation that became law in 1968 would also include these measures:

The Omnibus Crime Control and Safe Streets Act. The act authorizes \$100.1-million for fiscal 1969 and \$300-million for fiscal 1970 to improve state and local law enforcement, permits wiretapping by Federal, state and local police officers acting under court authority, outlaws unauthorized wiretapping.

The Gun Control Act. The act bars interstate mail order sales

of handguns and long guns, bars interstate mail order sales of ammunition, bars sales of any gun to persons under 18, bars sales of all guns except rifles and shotguns to persons under 21.

The Dangerous Drugs Act. The act makes possession of LSD and other hallucinogens illegal unless obtained by a valid prescription.

The Civil Rights Act of 1968. The act eliminates discrimination in the sale and rental of most housing, provides penalties for persons preventing others from exercising specific civil rights, provides penalties against persons travelling from one state to another to organize, incite, or take part in a riot.

The Housing and Urban Development Act of 1968. The act authorizes a \$5.3-billion, 3-year program for housing and urban development, rent supplements, model cities, mass transportation and other improvements in urban areas.

Among other measures, Congress approved hostile-fire pay for the crew of the USS Pueblo, established a 58,000-acre redwoods national park in California, authorized \$5-million for Eisenhower College in Seneca Falls, N.Y., to honor the 34th President, and renamed the National Center for Biomedical Communications to honor Lister Hill, retiring Senator from Alabama.

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NIXON (Continued from Page 16)

and make life there more attractive, make it more attractive so that people rather than moving from the country to the city may be attracted to move back from the cities to the country. Because as rural America becomes a more pleasant place in which to live, as the farmers of America become more prosperous, this means this nation, the nation we're building for our children for that wonderful New Year, the year 2000, will be a greater nation that we would want to live in if we were living then.

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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. .198 ea. Butternut, 1 to 2 ft. .79 ea. Butternut, 3 to 4 ft. .98 ea. Chinese Chestnut, 1 to 2 ft. .69 ea. Chinese Chestnut, 3 to 5 ft. .149 ea. Hardy Pecan Seedlings, 1 to 2 ft. .69 ea. Stuart Pecan—Papershell, 2 ft. .198 ea. Stuart Pecan—Papershell, 3 1/2-5 3.98 ea. Mahan Pecan—Papershell, 2 ft. .198 ea. Mahan Pecan—Papershell, 3 1/2-5 3.98 ea. Black Walnut, 1 to 2 ft. .29 ea. Black Walnut, 3 to 5 ft. .79 ea. English Walnut, 2 to 3 ft. .398 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. .59 ea. American Holly, 1/2 to 1 ft. .29 ea. Rhododendron, 1/2 to 1 ft. .49 ea. Dwarf 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. Burfordi Holly, 1/2 to 1 ft. .49 ea. Dwarf Burfordi 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. Slant Pine, 1/2 to 1 ft. .19 ea. Red Cedar, 1/2 to 1 ft. .19 ea. Hetzi Holly, 1/2 to 1 ft. .59 ea. Japanese Holly, 1/2 to 1 ft. .59 ea. Foster Holly, 1/2 to 1 ft. .49 ea. Helleri 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. Green 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 Radicans, 1/2 to 1 ft. .19 ea. Euonymus Manhattan, 1/2 to 1 ft. .19 ea. Euonymus Pulchellus, 1/2 to 1 ft. .39 ea. Euonymus Dupont, 1/2 to 1 ft. .39 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. Eleagnus Fruitlandi, 1/2 to 1 ft. .49 ea. Thorny Eleagnus, 1/2 to 1 ft. .49 ea. Hetzi 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.	DWARF FRUIT TREES—1 or 2 Years Old Dwarf Elberta Peach, 2 to 3 ft. .529 ea. Dwarf Elberta Peach, 3 1/2 to 5 ft. 3.98 ea. Dwarf Red Haven Peach, 2 to 3 ft. 2.49 ea. Dwarf Red Haven Peach, 3 1/2-5 .5398 ea. Dwarf Belle of Georgia Peach, 2-3 2.49 ea. Dwarf Belle of Ga. Peach, 3 1/2-5 3.98 ea. Dwarf Golden Jubilee Peach, 2-3 2.49 ea. Dwarf Golden Jubilee Peach, 3 1/2-5 3.98 ea. Dwarf Red Delicious Apple, 2-3 2.49 ea. Dwarf Red Delicious Apple, 3 1/2-5 3.98 ea. Dwarf Yellow Delicious Apple, 2-3 2.49 ea. Dwarf Yellow Delicious Apple, 3 1/2-5 3.98 ea. Dwarf Winsap Apple, 2 to 3 ft. .249 ea. Dwarf Winsap Apple, 3 1/2 to 5 ft. 3.98 ea. Dwarf Early McIntosh Apple, 2-3 2.49 ea. Dwarf Early McIntosh Apple, 3 1/2-5 3.98 ea. Dwarf Jonathan Apple, 2 to 3 ft. .249 ea. Dwarf Jonathan Apple, 3 1/2-5 3.98 ea. Dwarf Lodi Apple, 2 to 3 ft. .249 ea. Dwarf Lodi Apple, 3 1/2 to 5 ft. .398 ea. Dwarf Cortland Apple, 2 to 3 ft. .249 ea. Dwarf Cortland Apple, 3 1/2 to 5 ft. 3.98 ea. Dwarf Northern Spy Apple, 2-3 ft. 2.49 ea. Dwarf Northern Spy Apple, 3 1/2-5 3.98 ea. Dwarf Yellow Transparent Apple, 2 to 3 ft. .249 ea. Dwarf Yellow Transparent Apple, 3 1/2 to 5 ft. .398 ea. Dwarf Montromery Cherry, 2-3 ft. 2.49 ea. Dwarf North Star Cherry, 2-3 ft. 2.49 ea. Dwarf Bartlett Pear, 2 to 3 ft. .249 ea. Dwarf Kieffer Pear, 2 to 3 ft. .249 ea. Dwarf Burbank Plum, 2 to 3 ft. .249 ea.	BERRY PLANTS, ETC.—1 or 2 Years Old Black Raspberry, 1/2 to 1 ft. .39 ea. Red Everbearing Raspberry, 1/2-1 ft. .39 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.	FLORIBUNDA ROSES—2 Year Field Grown Floradora, Orange .59 ea. Red Pinocchio, Red .59 ea. Goldlocks, Yellow .59 ea. Summer Snow, White .59 ea. Pinocchio, Pink .59 ea.	PATENTED ROSES—2 Year Field Grown Number 1 REDES Americana, Pat. No. 2058 .35.50 ea. Big Red, Pat. No. 2693 .35.00 ea. Grand Slam, Pat. No. 2187 .35.00 ea. Hawaii, Pat. No. 1833 .35.00 ea. War Dance, Pat. No. 2017 .35.00 ea. PINKS Dr. Debat, Pat. No. 961 .30.00 ea. First Love, Pat. No. 921 .30.00 ea. Invitation, Pat. No. 2018 .30.00 ea. Pink Masterpiece, Pat. No. 2294 .35.00 ea. WHITE Sincera, Pat. No. 2055 .30.00 ea. White Beauty, Pat. No. 1825 .30.00 ea. YELLOW Golden Masterpiece, Pat. No. 1284 .30.00 ea. Golden Scepter, Pat. No. 910 .30.00 ea. Lady Eglon, Pat. No. 1469 .30.00 ea. Summer Sunshine, Pat. No. 2078 .35.00 ea. LAVENDER Song of Paris, Pat. No. 2669 .35.00 ea. Sterling Silver, Pat. No. 1433 .35.00 ea. CLIMBERS Don Juan—Red, Pat. No. 1864 .30.00 ea. Golden Showers—Yellow, Pat. No. 1557 .35.00 ea. Queen Elizabeth—Pink, Pat. No. 1615 .30.00 ea.

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