

Brownsville, Tennessee

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PERMIT NO. 16

Chick Brooders Cost Too Much ?

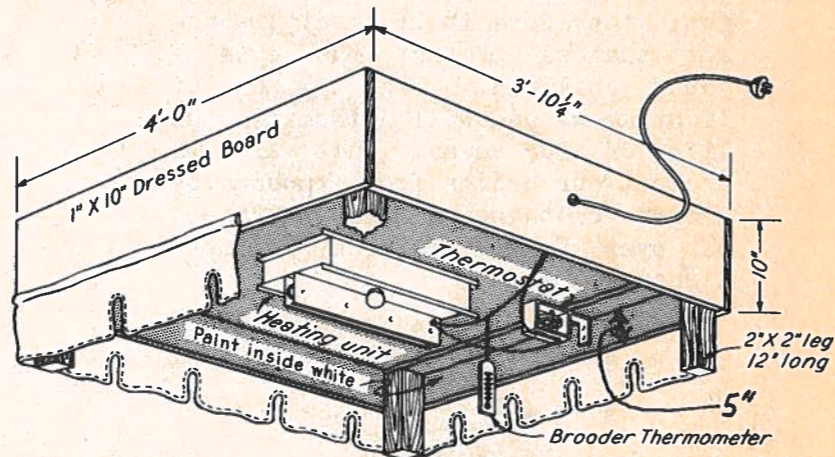
Many farmers wonder about the use of electric brooders and would like to use them if the initial cost wasn't too great.

One way for the farmer to get around this high initial cost is to build the brooder himself. Most farmers have enough lumber on hand to build the hover for the brooder. The Heating Unit can be had for as little as six or seven dollars. The construction is very simple and can be completed in a few hours. Enough electricity to run the brooder six weeks costs less than one cent per chick.

Below you will find plans for a brooder hover that will care for 200 chicks. We have plans for larger or smaller hovers in our office. We also have a limited supply of Heating Units for sale to our customers. For further information contact your local co-operative office.

BILL OF MATERIAL

Quantity	Description
200 Chick Capacity--Size 48"x48"	
16 lin. ft.	1"x10" Board
6 Pieces	1"x4"x8ft. Board
1 piece	1"x2"x8ft. Board
1 piece	2"x2"x4ft. Board
4 bushels	Dry sawdust for insulating top.
3 lbs.	Assorted nails
1	Heating assembly (Minimum of 450W-115V)
1	Brooder Thermometer
16½ lin. ft.	6" Brooder Curtain



—150-200 Chick Home-Made Electric Brooder. Note location of heating assembly in center of hover. Hover is adapted to other types of heating assemblies. Important that inside surface of brooder be painted a light color.

SOME ADVANTAGES OF ELECTRIC CHICKEN BROODERS

1. Automatic heat regulation.
2. Heat is under hover only; chicks have access to cool air in brooder house which is desirable.
3. Practically eliminates fire hazard.
4. Saves time and labor.
5. Economical in operation.
6. Easy to remove from floor.
7. All floor space is available for chicks and poults.
8. Even heat regulation lessens possibility of overheating or chilling chicks or poults.

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Electricity is the farmer's
hired hand.

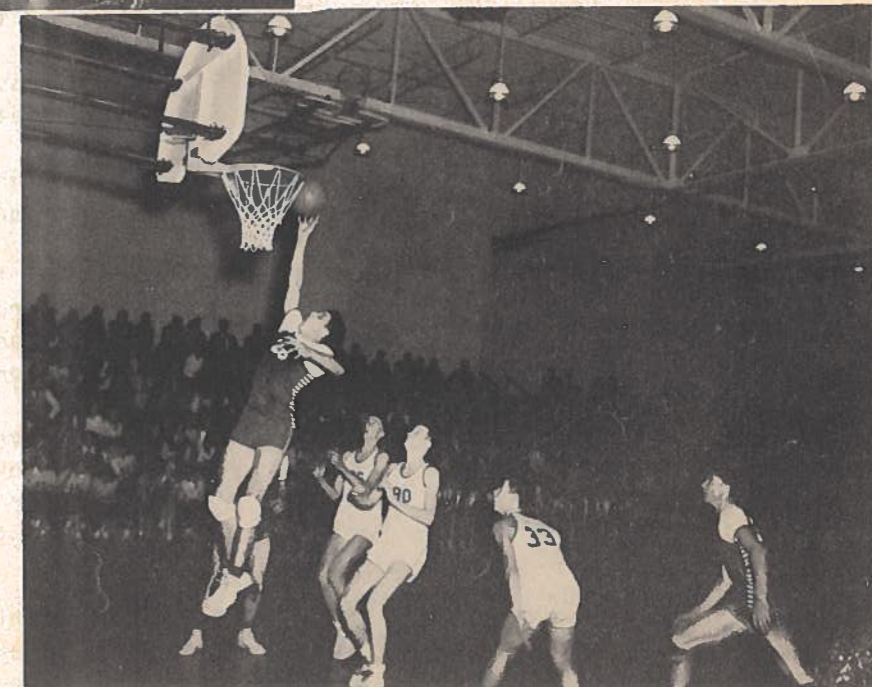
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Records show that hens lay from 10 to 20 percent more eggs during fall and winter months if poultry houses are lighted.

SOUTHWEST NEWS

Southwest Tennessee Electric Membership Corporation
BROWNSVILLE, TENNESSEE

Vol. 4 No. 1

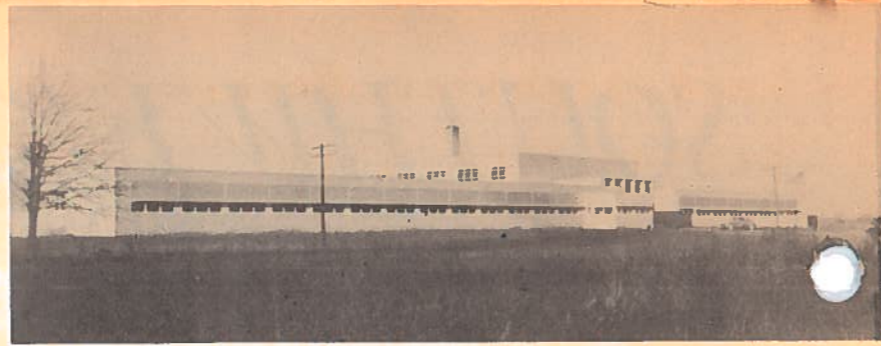
March 1951



TWO POINTS FOR HENDERSON AS ODELL HATCH DROPS THE BALL IN THE BASKET AT THE NEW GYMNASIUM OF CHESTER COUNTY HIGH SCHOOL.

"Electrify Your Farm and Produce Better Products"

OVER THE MANAGER'S DESK



Dear Fellow Members:

The Cooperative's use of aluminum conductor has been cut to 65% and the copper conductor to 80% of the amount used during the first six months of 1950. Along with this materials have become critically short and hard to purchase, therefore we are cut down to better than 75% of the amount of work we did in 1950. This will mean a good many farms will have to wait longer in order to get service, however we employees will do our utmost to provide good service and to expand our facilities to those who are still waiting for electric service as quickly and rapidly as possible.

Your Cooperative was fortunate in escaping most of the damages caused by the ice storm in early February, but it certainly called to mind the trials we had during January, 1950. Although we are thankful that we did not have to experience the damages caused by the ice storm this year, we are warned to take the necessary precautions that we have our system in the best shape in the event that another ice storm occurs next winter.

Both in the case of the storm we experienced and the one our neighbors experienced in February of 1951, the majority and most of the damage was caused by trees too close to the lines, or allowed to overhang the lines. We hope that the members will appreciate the necessity of our men continually clearing the right-of-ways and that they will cooperate with us when we ask permission for the re-trimming of the trees on their property that are too close to their electric lines.

In this issue we are pleased to introduce to the membership Mr. Hubert H. Williams, our new Agriculture Engineer who is taking the place of Mr. Frank Coppedge who was called to the Armed Service. Hubert, a graduate of the University of Tennessee, comes to us from Chickasaw Cooperative at Somerville, Tenn. He is available anytime during the

PROGRESS IN CHESTER COUNTY

The main topic of discussion in Chester County is the new Chester County High School. Anyone who has visited this school will agree that it is one of the most modern high schools in the South.

Mr. Tom Armour, Chester County School Superintendent, states that the school is able to have the best in equipment in all departments by being the only high school in the County. He is especially proud of the equipment in the Home Economics and Science departments. The up-to-date cafeteria has all the conveniences of a modern restaurant. There is a large Agriculture and Shop building located just in back of the main building.

The people are especially proud of the gymnasium. It has a seating capacity of 2250 teen agers or 1750 adults. The heating, lighting, and ventilation in the gymnasium is excellent.

Mr. James Williams, principal of the high school, states that the enrollment is 425 and that each classroom has the best in modern lighting as an aid to the students.

The people in Chester County have an eye for the future in providing such a modern institution for their children. We are happy to take part in this undertaking.

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week to help the members with their electrical problems on the farm. You can secure his services by dropping him a card at the Brownsville office or at your local paying office.

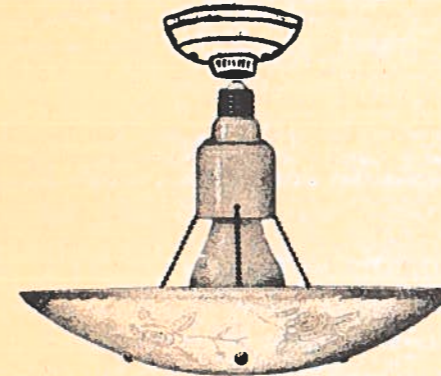
E. H. Wright, Manager

Good Lighting Means Longer Eye Sight.

Today no one disagrees upon the importance of proper care of the eyes. But when it comes to doing something about sight conservation, like the weather, it may be a subject for much talk and little action. We take our eyes for granted until they begin to fail.

Unfortunately, nature does not supply man with spare parts, one pair of eyes is all any of us will get; therefore it is most important that we protect the eyes of young children. The kind of lighting we use will determine the life of our eyes. Just as we protect our bodies from exposure by proper clothing so must we protect our eyes from strain by proper lighting.

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Just as simple as putting in a new light bulb.

NEW FIXTURES

To help promote better lighting in our Area, Southwest Tenn. E. M. C. has ordered an adaptor light fixture direct from the manufacturer for our customers. These fixtures are available to our customers at a saving because the manufacturer only sells this type fixture to power utilities. The light fixtures are going on display in your local offices immediately. They can be used either for ceiling lights or on drop cords. A 150 watt bulb will be given free with each light fixture. It is amazing how one of these fixtures will change the appearance of your room. For further information contact your local office.



Parents will be wise to check on bulb size and location of light for the home study center to determine if there is a glare. Our eyes were designed for outdoor use under abundant light. The older you grow the more light your eyes need for seeing because the pupils of the eye grow smaller with age. Reading by poor light requires much more energy than reading by good light. It is definitely tiring.

Good lighting will contribute to sight conservation, health, safety, comfort, convenience, cheerfulness, beauty and enjoyment in the home and on the farm. In some farming operation it also has an income-producing or money saving value.

In our office we have a light meter that will measure the amount of light that a lamp or bulb is putting out. We can readily determine the amount of light needed for reading, writing, sewing and any other job around the home or farm. We will be more than glad to come out and measure the light you have now and recommend any changes you should make. Feel free to call on us at any time for this service.

Lighting experts say that glare is almost as dangerous to young eyes as insufficient light.

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A model electric light bulb gives ten times as much light as the first incandescent lamps at about one-tenth the cost.

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You may lose one-third of your light if you let your bulbs or globes get dusty.

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One 100-watt lamp bulb gives 50 percent more light than four 25-watt bulbs.

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The key to successful use of electricity is ADEQUATE and PROPER WIRING in your home and on your farm.