

-:- A Page For Haywood Farmers -:-

Get Farm Power From Small Streams

Harnessing the small streams on the farm to produce electrical power for the farm is becoming more common in North Carolina and furnishes the means of lightening many farm jobs.

"The slopes of western North Carolina furnish excellent conditions for the establishing of small power plants for home use," says David S. Weaver, agricultural engineer at State College. "North Carolina has a large area where streams flow rapidly and where the water may be harnessed by water wheels. Some farmers are using overshot wheels, undershot wheels, turbines and impulse wheels, but for average conditions the overshot wheel is the most desirable. In some instances the results have been unsatisfactory because of variation in the stream flow and a poor estimate of obtaining heads."

Before going to the expense of establishing a plant of this kind, Mr. Weaver suggests that the site be studied in careful detail and the possible horse power available be estimated. For large installations, an engineer should be secured but for smaller streams, the preliminary estimates may be made by the landowner himself.

Mr. Weaver has recently prepared a circular dealing with this subject and he offers to send it to any citizen of the state who may have the power and the funds for installing a home power plant. The circular describes a method of determining whether the stream will develop sufficient power for generating electrical current for either lights or power.

This is one of the most valuable additions to the conveniences of any farm home, Weaver says, in that it may permit of running water as well as power and lights.

Keep A Few Bees As Farm Sideline

From the experiences of 52 good farmers who kept a few bees between their places last year, C. L. Sams, beekeeper specialist at State College, concludes that a few colonies of the insects kept in modern hives will pay almost any farmer in the State. The reports from the 52 men living on farms in widely separated sections of the State show that they kept 812 colonies which produced 46,577 pounds of honey or an average of 57 1/2 pounds to the colony. The value of this honey was 18 cents a pound thus netting \$8,383.86 for the men reporting. The average income per farmer from the honey was \$161.28 or \$10.32 a colony. Since this supply of honey was picked up by the bees from nectar supplied by the flowers of farm crops and woodland blossoms, the income was clear profit except for a small investment in hives and labor.

Much of the honey was retailed at nearby stores or the curb market at a higher price than that reported while the larger part will be consumed in the farm home this winter. But Mr. Sams got reports from 18 men who kept 125 colonies in the old box hives. These 125 colonies produced only 1,525 pounds of honey with the average production per hive being only about twelve pounds each. The value of this honey was a little over 12 cents a pound or in other words, the 18 men reported an income of \$1.55 a colony as compared with the income of \$10.32 from the colonies in the modern hives.

BOYD HOG FARM WINS RECOGNITION

When the United States Army began to look for a good boar to head the breeding herd in the hog lots at Fort Bragg, near Fayetteville, Captain John W. Tilsey, an authority on hogs went over to Oakhurst Farm near Greenville, in Pitt County, and selected one of the big-boned Duroc grown by the owner J. H. Boyd, Jr. The State of North Carolina also gave credit to Mr. Boyd's herd when a boar was needed at the Colony Home near Kinston.

"Mr. Boyd began careful breeding work on his Pitt County farm over two years ago when he found he must diversify his farming program at Oakhurst," says E. F. Arnold, county farm agent. "He knew that hog growing is one of the most profitable branches of farming in eastern North Carolina, especially when good stock is used. He determined to grow some of this good stock. His first step was to buy two outstanding boars, 'The Aristocrat' and 'The Pilot,' and to secure several pure bred registered sows to start a breeding herd. The bloodlines purchased are well known wherever Duroc hogs are grown and with this start, Mr. Boyd began to expand his hog production."

Mr. Arnold says there are now 16 brood sows of excellent quality on the Boyd farm and from these have been secured a number of pigs sired by the two herd boars. The herd is considered one of the best east of the Rocky Mountains, which of course includes the famous breeding centers of the middle west.

Mr. Boyd is specializing as breeder and while he secures his own meat supply from the farm, so far he found a ready sale for all of his surplus animals of good quality. A number of prizes have been won also at nearby shows and fairs.

Save Farm Waste In Compost Pile

The limited income from farming this season makes it imperative to continue the program of sound economy followed during the past two years and one of the measures which may be followed this winter is to build again the compost heap and save all barnyard manure and waste about the lots for fertilizer next spring.

Prof. C. B. Williams, veteran agronomist at State College, believes that some of the fertilizer bill can be lopped off by making up a ton of compost with 1750 pounds of wood-mold, manure and rich dirt, 200 pounds of superphosphate or acid phosphate as it is still called in some sections, and 50 pounds of kainit. Such a ton would contain 1.7 per cent of phosphoric acid, 0.7 per cent of potash and 0.6 per cent of nitrogen when average barnyard manure is used.

Mr. Williams says the heap may be built under shelter of out-of-doors and is constructed by placing the material in alternate layers. First, make a layer of manure or mould 3 to 6 inches thick depending on the size of the pile, then sprinkle on this layer of the kainit and superphosphate. Build up the pile in this way, fashion it off in a conical shape and cover it well with rich dirt.

If the material is dry, it should be sprinkled with water. Under any circumstances, the compost must be watched to see that it does not heat. The pile usually gets too hot under shelter and if outside, just after making or a rain. If the compost gets too hot, Mr. Williams suggests making a hole in the side and towards the top and pouring water in this hole until the compost is cooled.

This heap may remain piled for 40 to 60 days or may stay longer. Before using cut it up thoroughly with the hoed or shovel.

Timely Questions And Answers On Farm Problems

Question: How can I cure or preserve beef for winter use?

Answer: Corn the brisket, naval and rump and dry the rounds. Cut the meat to be corned into five or six pound chunks and rub with salt. Pack in a clean vessel of hardwood or stone and cover with a brine made of 1 1/2 lbs. of salt, 1 oz. of saltpeter, 1/2 lb. of sugar or syrup and 1 gal. of water. The meat will cure in about two weeks and can be used directly from the brine. Use the same pickle for rounds as for corned beef but allow the pieces to stay in the brine about three days to each pound of weight. After taking from the brine the meat should be allowed to drip for 24 hours, given a light smoke and hung to dry in a warm place.

Question: Will it pay to put a mulch around my roses during the winter?

Answer: This is a good practice where the tender varieties are grown. A winter mulch of stable manure containing a large amount of litter not only protects the crown of the plant and roots from winter injury but it also supplies a quantity of plant food that is gradually dissolved and absorbed by the soil. This plant food is readily available and stimulates vigorous growth in the spring.

Question: Is it safe to sort potatoes in storage and remove those that are diseased or rotting?

Answer: No—after potatoes are put in storage they should not be handled until taken out for sale or consumption. Potatoes are easily bruised and these bruised areas are very susceptible to rot and disease. When the potatoes are rotting, keep the temperature of the house around 85 degrees and the house well ventilated until the rotting potatoes dry up and then lower the temperature to 50 degrees.

Using a home-mixed fertilizer according to a formula developed by E. Y. Floyd, tobacco specialist at State College, J. E. Rice of Madison County produced 1,650 pounds an acre of good burley tobacco.

Planting of small grain has proceeded slowly over most sections of the State due to wet weather. From many counties, growers report little grain sowed to date.

Haywood County has recently purchased three pure bred beef bulls for upgrading the herds of the county.

Over \$1,800 have been received by Chatham County farmers from sales of turkeys to date.

There are 219 farmers in Person County who grew over 1,000 acres in lespedeza for soil building purposes this season.

Electric lights on the farm of S. G. Allen of Yadkin County has increased the egg output of his 1500 pullets this fall. The power plant is operated by a small stream on the Allen farm.

Thirty seed pans were used by Moore County farmers in harvesting lespedeza seed this fall.

Zeb Cochran of the Roberta section of Cabarrus County produced 24 bales of cotton on 28 acres this year.

Many Are Buying Hunting License In This State

Birds And Other Game More Than In 15 Years, Is Said.

Raleigh.—With hunting seasons in full swing and game, particularly upland species, reported to be present in greater abundance than for several years, officials of the department of conservation and development reported today a rush for licenses after rather sluggish sales at the opening of the hunting periods.

Although remittances from selling agencies have come in rather slowly at the first of the season, the recent rush is taken as a promising indication that this season's sales may go beyond those of last year, when a slump was experienced.

Total hunting license sales for the season of 1931-32 amounted to \$128,913, with fur dealers licenses bringing in \$2,695, a grand total of \$131,608. The following number of hunting licenses of the various classes were issued last year: county, 59,511; state, 18,700; and 672 non-resident.

Observations by conservation officials and reports from wardens and sportsmen from throughout the state are to the effect that upland game birds and other upland game are more numerous generally than for approximately fifteen years.

The increase in game is ascribed largely to a poor shooting season last year, which left a larger brood stock in the coverts, a good breeding season last spring, and the protection furnished under the law.

Game season, which was opened for the first time since the state law went into effect this year for a short period, is the first to close, November 30 being the last day for this type of shooting in the ten-day season.

Hazelwood News

Mr. and Mrs. W. R. Hundley and son Homer, of Draper, N. C., are visiting their son, Mr. B. R. Hundley, Chas. Calloway and sons, Arthur and Carl, of Concord spent last Sunday in town.

Earl McElrath of Asheville spent Sunday with his parents, Mr. and Mrs. A. L. McElrath.

Messrs. Carl Whitener and Bill Chambers motored to Asheville, Thursday.

Mr. Ashe of Whittier spent the week-end with his sister, Mrs. George Bischoff.

Mr. and Mrs. W. E. Powell and daughter, Anne, of Asheville spent last Tuesday in town.

Carl Casey of Siler City, N. C., spent Thanksgiving with Carol Whitener.

Mrs. A. T. Black and mother, Mrs. Holsonback, and Douglas Holsonback, spent Thanksgiving holidays in Charlotte. They were accompanied as far as Gastonia by Miss Kate Walls and Geo. Walls who returned with them Sunday.

PREACHES AT PRESBYTERIAN CHURCH

Prof. J. P. Beam will preach at the evening service at the Hazelwood Presbyterian church Sunday, Dec. 10.

SPENDS WINTER WITH SON

Mrs. Bischoff of Mount Holly, N. J., arrived this week to spend the winter with her son and daughter, Mr. and Mrs. Geo. Bischoff. Her younger son, Carl, having arrived several days ago.

ON SICK LIST

Mr. Lee Fisher has been confined to his home several days due to illness.

B. Y. P. U. SOCIAL

Saturday night, Dec. 2, the Senior B. Y. P. U. of the Hazelwood Baptist church enjoyed their quarterly social at the home of Mr. and Mrs. Sam Knight on Church street. Several earlier games were enjoyed by the young folks. Winners of the two contest games were Mellie Rogers and Lee Grant Clark and Wilma Hoyle and Edwin Poteat. They were presented with Santa's striped candy. Fruits were served during the evening. Those present were: Misses Carrie Seruggs, Mattie K. Clark, Wilma Hoyle, Nell Mehaffey, Mellie Rogers, Theo and Dorothy Dewees, Mrs. Clinton Mehaffey, and Messrs. Glenn and Gordon Wyatt, Edwin Poteat, Eugene Powers, Lee Grant Clark, Larry Robinson, Carl Swanger, and Kenneth Davis.

P. T. A. MEETS

The Hazelwood P. T. A. held its regular meeting Tuesday, Nov. 29. The president, Mrs. J. L. Robinson was in charge. Mr. Francis Pratt, a faculty member of high school, gave two numbers on the saxophone accompanied by Miss Charlotte Hatcher. The speaker of the evening was Supt. Homer Henry, who spoke on the Relief Plan for the Unemployed.

HONOR ROLL FOR NOVEMBER FOR HAZELWOOD SCHOOL

Seventh Grade—Eunice Robinson, Mary Poteat, Mildred Brandie, Virginia Whitner, Clara Wyatt, Mabel Wyatt.

Sixth Grade—Helen Rogers. Fifth Grade—Mrs. Knight; Billy Milner, Johnnie Frazier, Billy Hyatt, Jack Robinson, Jim Lowry Robinson.

Miss Stringfield; Nella Early, Edith Creaman, Dorothy Hamilton, Pauline Ray.

Fourth Grade—Miss Burgin; Flora Mae Smith, J. D. Truett.

Miss Crawford; Jack Dangenhart, Albert Jenkins.

Third Grade—Miss Tucker; Betty Alley, Betty Arrington, Kathryn Blalock, Catherine Davis, Meta Dicus, Lavona Moore, Edith Queen, Hilda

WHITE OAK

WHITE OAK.—(Special to The Mountaineer.)—The farmers here are very busy packing and working their tobacco for market and are very anxious to hear from the market.

Born to Mr. and Mrs. Lloyd Conrad, a son, Dec. 3.

Mr. Bob Walker from Spring Creek has moved here on Mr. G. C. Clark's farm.

Among the visitors at Lloyd Conrad's Sunday, Mrs. Lorena Duckett, Jack Conrad, Mrs. Lorena Duckett, and Mrs. Annie Mae Messer.

Lloyd Fisher from Fines Creek spent the past week-end here with his friends and relatives.

Rev. J. Y. Davis' regular appointment here will be next Saturday and Sunday at the Pigeon Baptist church. This is the end of his 11th year here as pastor and he is expecting to be re-elected again.

Vaughn Fisher from here spent a day or two on Fines Creek with his relatives.

Misses Dora and Alice Hunter and Miss Beulah Ledford spent Saturday night at Mr. Amos Hunter's here.

RATTLESNAKE CHOPS

Sumter, S. C.—The chops they served the boys at the firehouse tasted very good indeed and several remarked on how good they tasted. Then someone informed them that they had been eating rattlesnake chops and several of the boys became very sick. They all survived. No treason was given for serving the delicacies.

Miss Thurman Smith, John Sumner, Furman Wyatt.

Miss Leatherwood; Selma Hendricks; Roy Clement, Illa Arrington.

Second Grade—Miss Leatherwood; Carl McCracken, Frederick Vaughn, Welch Early, Carl Griffin, Charles Ferris, Margaret Blalock, Blaine Queen, Mildred Gaddy, Ada Coffey.

Miss Martin; Hazel Davis, Aralene Eller, Georgia Hyatt, Arbutus McClure, Dorothy Milner, Dorothy Mull, Mildred Mull, Mildred Rogers, Doris Buff, Bessie Shuler, Mary Belle Smith.

First Grade—Miss Medford; Allie Fair, Webb, Effie Robinson, Jack Edwards, Ernest Snyder.

Miss Creaman; Charles Anderson, Kenneth Compton, T. V. Davis, Jr., Emmett Eller, Elmer Harris, J. Robert Mintz, Frank Trull, Betty Jane Bradley, Vivian Clark, Helen Davis, Edith Summerow, Laura Winchester, Estells Seates.

SUNDAY'S Sunday School Lesson Living With People of Other Races

Golden Text—Of a truth I perceive that God is no respecter of persons. Act 10:24.

Lesson Text—John 4:5-10; Act 10:30-35.

Scripture: KING JAMES VERSION

John 4:

1. Then cometh he to a city of Samaria, which is called Sychar, near to the parcel of ground that Jacob gave to his son Joseph.

2. Now Jacob's well was there. Jesus therefore, being wearied with his journey, sat thus on the well; and it was about the sixth hour.

3. There cometh a woman of Samaria to draw water: Jesus saith unto her, give me to drink.

4. (For his disciples were gone away unto the city to buy meat.)

5. Then saith the woman of Samaria unto him, How is it that thou being a Jew, askest drink of me, which am a woman of Samaria? for the Jews have no dealings with the Samaritans.

6. Jesus answered and said unto her, If thou knewest the gift of God, and who it is that saith to thee, Give me a drink; thou wouldest have asked him, and he would have given thee living water.

7. And Cornelius said, Four days ago I was fasting until this hour; and at the ninth hour I prayed in my house, and behold, a man stood before me in bright clothing.

8. And said, Cornelius, thy prayer is heard, and thine aims are had in remembrance in the sight of God.

9. Send therefore to Joppa, and call hither Simon, whose surname is Peter; he is lodged in the house of Simon a tanner by the sea side; who, when he cometh, shall speak unto thee.

10. Immediately therefore I sent to thee, and thou hast well done: but tarry here, until I come. Now therefore we are all here present before God, to hear all things that are commanded thee of God.

11. Then Peter opened his mouth, and said, Of a truth I perceive that God is no respecter of persons:

12. But in every nation he that feareth him, and worketh righteousness, is accepted with him.

OUTLINE OF THE LESSON

John 4:5-10; Acts 10:30-35.

I. Jesus Journeied Through Samaria (John 4:5, 6)

1. Stops at a place known to history (5)

2. Wearied he waits at the well (6)

II. Jesus Finds Opportunity to Serve (John 4:7-10)

1. To serve a despised Samaritan (7, 8)

2. Tactfully asks for a favor (7)

3. Leads her to ask a greater favor (10)

III. Jesus Responds to Foreigner's Prayer (Acts 10:30-31)

1. Prayer (Acts 10:30, 31)

2. Prayer made in his own home (30)

3. Prayer worthy in sight of God (31)

IV. Jesus Sends His Own Chosen Messenger (Acts 10: 32, 33)

1. One to whom he had appeared (32)

2. One ready to obey God's command (33)

V. Jesus Respects Hearts, Not Faces (Acts 10: 34, 35)

1. He is no respecter of persons (34)

2. He accepts people of any nation (35)

The message of the lesson:

1. We should never be too weary to win a soul (John 4:5)

2. Sincere and tactful and gracious approach finds response from foreigners (John 4:9)

3. Our excuses must be given to Jesus (John 4:10)

4. God sends messengers to call for messengers (Acts 10:32)

5. Foreigners need the message of salvation which we know and love (Acts 10:32)

6. Our ability to live with the people of other races is a real test (10:34)

Asheville Tobacco Market

Opened Wednesday

FIRST SALE AT CAROLINA WAREHOUSE

Sales were equally as heavy last year, and as well as could be expected under dry weather conditions.

PRICE RANGE WAS FROM \$3.00 TO \$50.00 PER HUNDRED POUNDS

FARMERS ARE WELL PLEASED—100 PERCENT SATISFIED

The above is an official report of the sales supervisor

OUR MOTTO: "Service With A Smile, at Market Prices On Every Pile"

Watch Asheville's Tobacco Market Grow

Carolina Warehouse

Chamber, Reeves and Comyany, Inc., Prop.

Asheville, N. C.