

Cathey Produces 116 Bushels Of Corn On One Acre Tract

By T. W. Cathey

I have been asked by some of the farmers and business men in Haywood County to publish the details of how I produced 116.3 bushels of corn per acre. This is the highest yield of corn I have ever produced and a great deal above the average for Haywood County; however, I plan to grow a larger yield next year, since some of our adjoining counties have produced even larger yields in the years gone by.

My farm is located in Pigeon Township, and the land where the corn was grown was on a black loam soil. The crop rotation as used on my farm is as follows: wheat and lespezoza; crimson clover and corn—this making a two year rotation. Lespezoza is seeded in wheat in the early spring. The wheat is harvested and then the lespezoza is harvested. I received approximately 1 1/2 to 2 tons of lespezoza hay. Just as soon as the lespezoza was cut, I took a split-tooth harrow and harrowed the land and seeded crimson clover at the rate of 20 pounds per acre, this giving me a winter cover crop.

Triple superphosphate was applied on the crimson clover at the rate of 100 pounds per acre. This triple superphosphate was furnished me under the Demonstration Farm program of Haywood County as a demonstration farmer. This land has been limed, and with the use of the phosphate I received a good growth of legumes. Before the crimson clover was turned in the

spring, I spread approximately four tons of manure on this acre. This land was plowed so late in the spring that after it was turned I took a roller and rolled the land so as to help to get it settled before being planted which was on May 13, 1939.

I planted Holcombe's Prolific seed corn at the rate of one peck to an acre. This seed was treated with semesan, which cost approximately 2 cents per acre, and I am convinced that this treatment was a great help to me in obtaining a good stand. The rows were measured to a three-foot distance and the corn averaged 13 inches in the row. When the corn was planted I drilled 400 pounds of 3-10-0 fertilizer in with the corn. Then when the corn was beginning to tassle, it was side-dressed with 100 pounds of nitrate of soda and 50 pounds of muriate of potash. The corn was plowed five times and was chopped enough to keep all weeds out.

The corn was cut and shocked the first day of October. The entire amount of corn was weighed and not estimated to determine the yield obtained. Three hundred fifty pounds, or five bushels, of ear corn was shelled to determine the shell weight of seventy pounds of ear corn. On an average there are fourteen pounds of cob to a bushel of ear corn; however, this corn had slightly less than ten pounds of cob to the bushel, making a bushel of ear corn shell out approximately sixty pounds of

Raise Most Corn Per Acre



JOHN H. ALLEN, of Beaverton, won second place for the second annual corn growing contest. Mr. Allen grew 113.1 bushels of corn per acre. Next week, Mr. Allen will have an article in this newspaper, explaining how he made the record.



T. WEAVER CATHEY, of Pigeon, won first place again this year in the Haywood Corn Club for having grown 116.3 bushels of corn per acre. In another article on this page, Mr. Cathey tells how he made this record.

FARM CHATS

By A. Haywood Farmer

"I done my duty buy 'um as I done it buy the land."—Tennyson's Northern Farmer.

How many of us have really done our duty by the land? Sometimes we think we are when we are not. Last year on the annual farm tour Brack James, of Crabtree, commenting on the use of fertilizers made the statement that land in the South had been killed by the use of fertilizer. Now as we have the greatest respect for an opinion of Brack's, but still have faith in fertilizer we decided to investigate and here is the answer of soil authorities.

The ideal productive soil for general farm crops is thought to be composed of 25 parts water, 25 parts air, 40 parts mineral matter and 10 parts organic matter. Now for all practical purposes we can forget water, air and mineral parts for all soils are supposedly made by the weathering down of minerals. The air depends more on cultural methods and the water is given us from the clouds, so the really important factor and controlling one is that 10 parts of organic matter. Now organic means something produced by living things or life so this is really the life of the soil. For us at

shelled corn. All corn was weighed by disinterested individuals, as this is one of the rules of the Haywood County Adult Corn Club.

I plan to grow more than 116.3 bushels of corn per acre next year.

Easter time one of the strongest arguments for immortality is the resurrecting powers of any old rotten vegetation thrown out on a dead patch of ground. Though this rotten matter had lived once and produced grain, been harvested for feed to sustain a second life; thrown out on a "scald" it sends up vegetation and gives the soil a rebirth.

Now most of our soil had plenty of organic matter to start with, but constant cropping to deplete the humus as this decayed matter is called.

The farmers Mr. James told of stimulated their crops with fertilizers to make a greater growth and soon used up all the humus in the land. They would have exhausted their soils anyway by their system of taking off a crop each year and giving nothing in return. The fertilizer only hastened the process and enabled them to get in a few years what they would have slaved after for many years and still lost their soil. If the fertilizer had been used to grow cover and turn under crops instead they would have built their soils all the time while getting a crop each year. We are blessed with a long enough season to grow a crop of grain and a cover crop each season, also the rain fall is more than sufficient for it has been found seven inches of rain is enough for a crop if it is available at the right time. Now having plenty of this humus in the soil is a great help in having the water when needed for it holds the water to the roots of the plant as nothing else will.

Now the question is how to get plenty of humus in our soils. The answer is to grow and save anything that will rot. On the better soils we can grow clover and similar legumes. On the soils that are sour or not so fertile, we can grow rye or any crop that will grow and add manure, lime and phosphate to stimulate growth. We know a man who put phosphate on a poor soil and got a good growth of weeds and broomsage though it was supposed to be pasture. By getting the broomsage down on the ground where it will

Haywood Calf Wins Grand Champion Honors

The calf entered last fall at the State Fair in Raleigh by Jack Rogers, 4-H club boy, of Crabtree, won the grand championship honors at the third annual Eastern Carolina Fat Stock show which was held in Rocky Mount on March 14 and 15th.

The grand champion steer was entered by Q. S. Leonard, of Franklin County, who bought the animal from the Haywood County owner last fall at the calf sale held at the State Fair.

The animal, which was bred and calved in Haywood County, was one year old on February the 22nd. At the time of the recent sale in Rocky Mount, it weighed 1,035 pounds and was sold for 28 cents a pound to the A. and P. Stores.

Miss Smith Urges Storage Space In Farm Homes

"Storage space often presents a major problem in many farm homes," states Miss Mary Margaret Smith, county chairman of the Better Homes campaign.

The closet should have sufficient natural or artificial light for its contents to be easily seen. If the light from the room is not sufficient, no electricity available, this can be accomplished by the use of a flashlight hung on a cord and tacked just inside the door.

Sliding doors may be used to save space in the room or to make the contents of the closet more accessible. Doors to walk-in closets should fit tightly at the bottom to keep out dust.

A cabinet with horizontal shelves is very satisfactory for shoes since it can be converted into many other uses, particularly when the closet is rearranged to meet children's needs. Tilted shelves or racks require less floor space than horizontal ones, but lack advantages of convertibility. Drawers or trays are more convenient than shelves for the storage of folded clothing. The rod on which to hang clothes should be placed high enough to allow six inches below garments hanging from it, and to permit cleaning the floor without disturbing the garments.

rot and applying lime he is establishing a sod of grass.

Another man had a lot of gullies and in desperation he filled them full of sawdust which kept them from washing away and when the sawdust rotted he got a growth of vegetation which is holding the land together.

Now this required several years and is not to be recommended when better means can be used, but it did the work and is proof that anything which will rot on the land will improve it.

We have wandered far from Brack James' statement, but the opinion of experts is that fertilizers in a continuous one crop system will help exhaust or kill the soil, but rightly used to grow the cover crops will greatly aid us to build our soils. They claim humus not the fertilizer builds the soil. . . . Sounds reasonable, does it not?

Haywood Making Progress In Raising Better Horses

Some local horsemen have tried to ascertain the horse population of Haywood county and they find some 718 mules and 1,127 horses and mares on 1,452 of the farms reporting out of a total of 3,197 farms in the county. The 1,745 farms not reporting would about double this number and it has been fairly accurately determined that there are some 1,200 mares in the county. This is quite a good figure for those to consider who wish to make this section a colt producing section.

Also the following list of jacks and stallions has been made:

Jack, Herman Gillis, Canton, route 1.
Jack, Lee Williamson, Waynesville, route 2, Jonathan Creek.
Jack, Glenn Palmer, Clyde route 1, Rushfork.

Stallion, high grade Percheron, France Rogers, Fines Creek.
Stallion, registered Percheron, Welch Messer, Crabtree.

Stallion, high grade Percheron, John Rogers, Crabtree.
Stallion, high grade Percheron, Horace King, Clyde, route 1.

Stallion, registered Percheron, James Ratcliffe, Ratcliffe Cove.
Stallion, registered Percheron, Collier Howell, Waynesville.

Stallion, Percheron-German Coach, Horace Moody, Dellwood.
Stallion, registered Percheron, Fines Creek (location to be determined.)

If there are any additions to the foregoing list, overlooked in

April Schedule Of 4-H Club Is Changed

Since the school is on an early date, Miss agent, has announced the schedule of the meetings, which will be in April instead of in the usual one.

The schedule will be as follows: meet at 9 o'clock on 1st; Beaverton Club at 11 o'clock on Monday; Crabtree Club will meet at 9 o'clock on Tuesday.

The Fines Creek Club at 10:30 o'clock on 2nd; Cruso Club will meet on Wednesday, the 8th at 9 o'clock on Wednesday; the Bethel Club on Thursday, the 12th; Club at 10:45 on the 10th.

The 4-H County meet in the home at the courthouse at 2 Saturday, April the

survey, the owners touch with Bill McMan of Haywood County Breeders' Association be listed.

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Delivered at our mill at Caldwell Service Station
Dellwood Road, Waynesville.

SPECIFICATIONS: Cut your wood in 20, 40 and 60 lengths, not less than 4 1/2 inches at the small end, with a red heart must have not less than 2 1/2 inches of between the red and bark, with not more than one defect 20-inch length. We cannot use timber with sap knots. Price per rick of 160 cubic feet delivered, if cut to above instructions, \$20.00.

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