

Every Corn Stalk, A Working Stalk

Did every one of your corn stalks work for you this year, and work hard, or were there some loafers in the crowd? If there are barren stalks along the row and if some of these stalks lie down on the job by producing nubbins, maximum yields of corn cannot be produced.

A group of farmers helped Dr. R. P. Moore of State College harvest some test plots of the Agricultural Experiment Station, where hybrid corns were grown under exactly the same conditions. First, they found a tremendous difference in the hybrids.

Yields ran from 87 to 119 bushels per acre under the same conditions of fertilization, land, cultivation, and time of planting. Some of the hybrids had an open shuck at the tips while others had closely fitting shucks, valuable for weevil control. The quality of the strains varied widely. Farmers noted a difference in the moisture content between the different corns.

There had been exceptionally heavy rains and considerable wind that gave the farmers the opportunity of measuring just exactly what the hybrids would do under storm conditions. Some of the strains showed broken stalks while others did not.

Dr. Moore asked the farmers why well-adapted hybrids were making more corn per acre than local varieties. Then, on these outstanding hybrids every single stalk is a working stalk. At first we tried only small plots with the hybrid corn but now we are convinced that the better hybrids can help us greatly increase our yields at a small ad-

Estimate Corn Yield By Simple Method

Per acre yields of marketable corn may be very easily estimated and with remarkable accuracy by simply shucking and weighing the corn from 50 feet of running row and then multiplying by a certain factor, depending on the width of the row.

This plan was recently worked out at a field meeting in Guilford County, where a group of farmers were assisting Dr. R. P. Moore of State College in harvesting hybrid corns on some test plots of the Agricultural Experiment station.

The factors take for granted that the field corn is running 30 per cent moisture, while only about 15 per cent moisture is found in marketable corn. Dr. Moore always runs moisture tests on each plot of corn before determining final yields but this is, of course, not practical for field estimates. The moisture content of the various hybrids on the R. M. Fryar farm in Guilford actually ran from 22 to 28 1-2 per cent.

Here's the easy way for estimating corn yields. Weigh the shucked corn from 50 feet of running row. If the rows are 3 feet wide, multiply the number of pounds from the 50 feet of row by 3.5, and this gives the bushels of marketable corn per acre, where the corn has 30 per cent moisture.

If the rows are 3 1-2 feet wide, multiply the pounds of corn by 3 to get bushels per acre. For 3 feet, 9 inch rows; multiply by 2.8. With 4-foot rows, multiply by 2.64; and for 4 1-2 feet rows, multiply by 2.35.

Make estimates in various sections of the field and average yields can be determined. After an hour of weighing and estimating, some of the Guilford farmers could guess mighty close to the yield by simply looking at the corn in the basket and feeling its weight.

Additional cost for seed. We are here today to find out which hybrid we wish to grow."

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J. A. McGOOGAN—County Auditor

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Lunch with "Pinocchio"



Marjorie Belle, of "Dark of the Moon," New York stage attraction, lunches with Pinocchio and recalls the thrills she had modeling for the Blue Fairy in Walt Disney's Technicolor production "Pinocchio." Marjorie hosted a theatre party with her fellow players at the Republic Theatre on Broadway, where the feature film opened for a run.

State College Answers Timely Farm Questions

QUESTION: Do you lose corn by shocking the stalks in the field?

ANSWER: When the kernels are well dented or when the corn is in the late dough stage or beyond, there is very little loss from shocking corn in the field, says Dr. Emerson Collins, in charge of Extension agronomy at State College. There may be some losses from rats and mice, if the corn is left in the field until used. Shocking corn enables many farmers to plant their small grains on time and this is very valuable.

QUESTION: What is the best plan for saving an extra pig per litter?

ANSWER: Jack Kelley, Extension swine specialist at State College, says that the following plan of successful hog growers in Eastern Carolina is practical. Hand feed the sow during the gestation period and keep her in good, medium condition. A good feed mixture is 1 bushel of corn, 1 of oats, and 5 pounds of fish meal or tankage per day is sufficient. Also give the sow plenty of green feed and a mineral mixture.

QUESTION: How can I control mite infection in my poultry house?

ANSWER: Prof. Roy Dearstyne, head of the poultry department at State college, suggests that you paint or spray the roosting racks, or the dropping boards with perches above them, with some good mite preventive. There are a number of good commercial preparations that can be used. Equal parts of kerosene and used motor oil make a good mixture. If wooden nests are used, these should also be treated. It is a good practice to always treat the house before the birds occupy it.

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Cotton ginning is exceptionally late in North Carolina this year because of continued rains.

October 7 to 13 is Fire Prevention Week. About 8 per cent of farm fires are preventable.

Fish Story



Lovely Vera-Ellen tosses her fly rod as successfully as she twirls her torso in Samuel Goldwyn's Technicolor film musical, "Wonder Man," starring Danny Kaye.

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Advertisement of sale of land for non payment of 1944 Taxes will begin in next week's issue of this paper.

D. H. HODGIN

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