

SOME FACTORS INVOLVED IN SUCCESSFUL CORN GROWING IN NORTH CAR.

SOME VERY VALUABLE INFORMATION FOR THE FARMERS

The Following Interesting and Valuable Article is Published From the North Carolina Agricultural Experiment Station of the College of Agriculture and Mechanic Arts.

It is Worthy of Every One's Careful Perusal.

(By C. B. Williams, Director.) Information concerning proper methods of selecting seed of different farm crops is of vital importance to farmers...

continuously in or adjacent to a field of inferior corn, and in a very short time, especially if proper seed selection is not practiced, it will give much smaller yields when grown under the same conditions than the original pure-bred corn...

Early Maturing Varieties. Learning Yellow, Iowa Silvermine, Riley's Favorite, Reid's Yellow Dent, Boone County White, Boone County Special and Pool's are seven of the earliest varieties in maturing that have thus far been studied at the Station farm.

Medium Maturing Varieties. Hickory King, Biggs' Seven-ear, Coker's Prolifer, Wyatt's Improved Yellow, MacMackin's Gourdseed, Peele's Proflifer and Farmers' Favorite mature at a medium date in the fall, and some of these are the best yielders grown in the State.

Late Maturing Varieties. It has been found that Gourdseed, Hastings' Prolifer, Mosby's Prolifer, Brake's, Harris' Improved, Osborne, Williams', Horsetooth, Holt's Strawberry, Sanders' Improved, Fredonia's Pride, Latham's Improved, Weekly's Improved, Marlboro Prolifer, Henry Grad's, Bagley's Improved, Checkler's Improved, Cooper's Improved, Jarvis' Improved, Fry's Improved and Sharber's, in about the order named, are some of the latest maturing varieties tested during the past four or five years.

Varieties Adapted to Eastern or Coastal Section. For the sandy and fine sandy loam soils of the eastern and southeastern portions of the State, Coker's Prolifer, Biggs' Seven-ear, Weekly's Improved, Sanders' Improved, Hickory King, Holt's Strawberry, American Queen, Bagley's Improved, Brake's, Cooper's Improved, Jarvis' Improved and Latham's Improved are recommended as good varieties for planting, if pure seed are secured.

What is a Variety? A variety is supposed to represent a class of plants with one or more distinguishing characteristics, but so freely that variety does not mean much unless proper precautions have been exercised in its growth.

as the strength of a chain is gauged, not by its strongest, but by its weakest link. Some of the controllable factors involved in these three essentials will be discussed below. That portion of our subject pertaining to the soil, its fertilization and cultivation will be deferred for a subsequent bulletin, and will be taken up in discussing the results of fertilizer experiments which have been conducted on the Station farm during the past few years.

Seed Selection.—The more intelligently and persistently field selection of seed is carried on, the larger the yield of corn from such seed will be. Within limits, the number of ears borne by any variety of corn is within the power of any grower to control, if proper methods of seed selection are used to supplement good soil and cultivation.

Methods of Improvement. At present there are three methods in common practice for the improvement of corn by seed selection, viz: (1) importation or buying of improved seed; (2) field selection of the best home-grown seed, and (3) home field-selection and growing of corn for seed purposes in an isolated field.

Importation of Seed.—Under no circumstances should farmers depend each year upon importation for seed, as corn brought from a distance (where soil and climatic conditions are different) seldom yields satisfactory results until it has become thoroughly acclimatized, which usually requires from two to three years.

Buying Seed.—In buying seed it is usually safest to secure seed in small quantities first, and from as near home as possible, other things being equal, and give them a trial before making extensive planting of the variety. This can be done, as some of the best yields for North Carolina

as it will be found generally that his corn will do better in that particular form for normal plant growth, just

Mr. Tayloe Urges Farmers to Be Here Next Wednesday

Editor Daily News: I would like to say just a word or two to the farmers of Beaufort county relative to "Corn Judging Day," Wednesday, November 10.

This is one day's vacation they should take for the promotion of their interest; for every man knows that agriculture today is the leading pursuit of all the industries of the world, and when opportunities of this kind are at their very door, they should be taken advantage of.

Corn-growing experts from the United States Department of Agriculture, together with representatives from our own State Department, will be here, as well as many other prominent farmers to give their views and experience in corn growing. These views and ideas, blended with the practical experience of our local farmers will, necessarily, be of great value.

The Norfolk and Southern Railroad will give on that day in prizes upward of two hundred dollars. But, in addition to this, the merchants of Washington, N. C., will award many substantial prizes.

These prizes, however, will be given to the Beaufort county farmers; while the former will apply to the whole section represented. It, therefore, behooves every farmer of this territory and, especially of this county, to be present with the fairest sample of his product and enter the contest for a prize.

The citizens of Washington have provided an oyster roast for our out-of-town friends for the occasion, and we must that all of them should be present. Arrangements have been made whereby we can steam 32 bushels of the luscious Bivalves every eight minutes, and guarantee to entertain everybody present.

The Washington Concert Band has kindly volunteered to furnish music of the highest class on this event, free of cost. Thanks for their patriotic spirit.

Large Number Professed Faith Last Evening

The Methodist Church was crowded again to the doors last night and fully forty people professed religion. Mr. Black's talk, "What Shall I Do With Jesus," was one of the most powerful addresses this eminent evangelist has yet given to the people of Washington.

Next Sunday at 3 o'clock there will be a men's meeting. The place of meeting will be announced in Saturday's Daily News. There will be services again this evening at 7:30 o'clock, to which everyone is cordially invited.

IN ENLARGED FORM. The Daily News comes to its many readers today double in size—eight pages—containing matter interesting, and we trust, readable to all.

It is more than gratifying to the management to send out such a paper so soon after assuming control, which our readers will recall was August last. It demonstrates one thing above all others, that the people have confidence in the paper; they are discovering its usefulness as an advertising medium and are willing to spend their money through a channel that brings the desired results.

The Washington Concert Band has kindly volunteered to furnish music of the highest class on this event, free of cost. Thanks for their patriotic spirit.

THE FASTEST YET. Rockland, Me., Nov. 4.—The North Dakota is the fastest battleship of the Dreadnought type afloat, as well as one of the two most powerful battleships afloat. Her speed standardization tests over the Rockland measured course today developed a maximum speed of 22.25 knots, and an average of 21.833. Both marks are in excess of the best performances of her sister ship, the Delaware, or the Bellerophon, the leader Dreadnought of the British navy.

THE COMMITTEE GRATEFUL. We, the committee on providing ways and means for oyster roast Corn Judging Day, Wednesday, November 10, are truly gratified with our reception by the people upon whom we called, as well as agreeably surprised by their liberal donations and willing spirit in giving.

REMOVING OLD POLES. The Carolina Telephone and Telegraph Company are today having the old poles removed from Main street. The new exchange is now practically completed.

FARMERS CORN CONTEST WEDNESDAY, NOVEMBER 10.

\$500 in Prizes is to Be Awarded

The Norfolk & Southern Railroad and the Merchants of Washington Are to Present Handsome Awards—A Great Day is Expected—Will Be Historic.

EVERY FARMER IS INVITED

Are you coming to Washington next Wednesday—Corn Judging Day? Five hundred dollars in prizes are to be awarded to the farmers of Eastern Carolina by the Norfolk and Southern Railway and the merchants of Washington.

The Norfolk and Southern will offer the following prizes for corn grown in the territory tributary to its lines for the year 1909: Largest yield per acre, Horsetooth, \$25 gold watch and \$15 in gold.

Best ten ears, Horsetooth, \$25 gold conditions, as is evidenced by its success. Best ten ears, any other variety white corn, white cob, \$25 gold watch.

OUR BIG DAY. It is to be hoped that the farmers of Beaufort, Hyde, Washington, Pitt, Craven and Pamlico counties will not fail to make note of the interesting occasion scheduled for Washington, Wednesday, November 10, and the attractive program in store for them.

THE FASTEST YET. Rockland, Me., Nov. 4.—The North Dakota is the fastest battleship of the Dreadnought type afloat, as well as one of the two most powerful battleships afloat.

THE COMMITTEE GRATEFUL. We, the committee on providing ways and means for oyster roast Corn Judging Day, Wednesday, November 10, are truly gratified with our reception by the people upon whom we called, as well as agreeably surprised by their liberal donations and willing spirit in giving.

REMOVING OLD POLES. The Carolina Telephone and Telegraph Company are today having the old poles removed from Main street. The new exchange is now practically completed.

Other Prizes. The International Harvester Company offers a \$45 feed mill for the largest yield per acre of Horsetooth corn; ten ears to be exhibited.

The Oaks Manufacturing Company, of New Bern, offers one Oaks Jr. Corn Planter, value \$16, for the best ten ears of Horsetooth corn exhibited, and one of their small fertilizer distributors, value \$16, for the best ten ears of any other variety exhibited.

The Bailey Supply Company offers one corn sheller, value \$19, for the best ten ears of any variety of white corn with white cob. This firm expects to offer other prizes that day.

E. R. Mixon & Co. will present a Swiss Army Repeating Rifle No. 41, shoots 15 times, to the farmer exhibiting the heaviest ear of corn.

The J. H. Harris Plumbing & Supply Company will give one set of Keon Cutter Carvers for the longest ear of corn.

McKeel-Richardson Hardware Co. offers one five bow cultivator, value \$4.50. General award.

J. F. Tayloe offers one barrel of Town Talk flour. (Committee to decide.)

NEW ADVERTISEMENTS in Today's News. E. Peterson Co.—Holiday Goods. J. E. Clark Co.—Department Store.