

RESULTS OBTAINED IN 1898

FROM TRIAL PLOTS OF

GRAIN, FODDER CORN, AND ROOTS

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An annual Bulletin has been published for the past three years giving particulars of the crops obtained from a large number of test plots of cereals, fodder corn, roots, &c., grown annually at each of the Experimental Farms. During the season of 1898 these several lines of work have been continued, the results of which will be found in the present bulletin. It is hoped that the prompt issue of the particulars as to relative yield and earliness of ripening of the different sorts under test, in a form convenient for reference, will be helpful to Canadian farmers, by giving information as to the most promising varieties for sowing during the coming season.

In conducting these experiments the several crops referred to have been grown on blocks of land as nearly uniform as possible in character, with an area sufficient in each case to include all the varieties of one sort of grain. The size of the plots has varied from one-tenth to one-fortieth of an acre, and all those of one group have usually been sown on the same day, or within two days, so that each variety might be grown under the same conditions. The seed used has been uniform in character and the quantity sown per acre and the manner of sowing or planting has been the same in each case.

These experiments have been undertaken for the purpose of gaining information as to the relative productiveness, when grown under similar conditions, of the many varieties under trial, of these important farm crops, also to ascertain their periods of ripening, in the different climates of this country.

Particulars are given of the crops produced at each of the Experimental Farms, from all the varieties sown, also the average yield obtained at all these farms. The different sorts are arranged in the order of their productiveness at the Central Experimental Farm at Ottawa, and the time required for their maturing is also given.

The season of 1898 was favourable in nearly all parts of the Dominion, and the crops obtained at all the Experimental Farms have, in nearly every instance, been above the average.