

CONCLUSIONS.

1. The average results of winter-wheat growing on the experimental plots for six years in succession are as follows : Weight of grain per measured bushel, 60.6 lbs. ; yield of straw per acre, 2.5 tons ; and yield of grain per acre 38 2 bushels.

2. Dawson's Golden Chaff gave the largest average yield of grain per acre among fifty-three varieties of winter wheat grown at the Ontario Agricultural College for four years in succession ; also among nine leading varieties tested over Ontario in 1894, and among eleven leading varieties tested over Ontario in 1893.

3 The varieties which possessed the stiffest straw among fifty-three kinds of winter wheat grown for four years in succession, were Dawson's Golden Chaff, American Bronze, Fultz, Velvet Chaff and Red Russian.

4 The varieties of winter wheat which proved the hardiest in 1895, among one hundred and two varieties tested, were Dawson's Golden Chaff, Stewart's Champion, Siberian, Jones' Square Head, Turkish Red and McPherson.

5. When winter wheat was sown later than September 9th, the crop was much poorer than when the seeding took place on or before that date.

6. In 1895, the varieties of winter wheat possessing bald heads and white grain gave an average of 4.3 bushels of grain per acre more than the varieties possessing bearded heads and red grain, but in average weight per measured bushel the latter surpassed the former by 1.3 pounds.

DISTRIBUTION OF SEED FOR TESTING PURPOSES.

In the following table will be found two sets of winter wheat varieties, which will be sent free, by mail, in half-pound lots of each variety to farmers applying for them, who will carefully test the five kinds in the set which they choose, and will report the results after harvest next year. The seed will be sent out in the order in which the applications are received, as long as the supply lasts.