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t week of e College 1 during was slow eat winsummer. ng wind, Another strength ty thoule weak tain the re made iety and n 1898. e which e grain or meast which ieties of

ther by of two excepwhich between a 1896 TABLE 1.—Number of varieties tested and reported on within the past nine years, and also the average yields for each of these years and for the whole period :

Years.	Number of varieties grown each year.	Average weight of grain per measured bushel.	Average yield of	
			Straw per acre.	Grain per acre. (bus. 60 lbs.)
		lbs.	tons.	bus.
1890	15	60 0	2.4	30.9
1891	23	63.8	2.0	52.9
1892	44	60.5	3.2	42.6
1893	52	58.4	2.1	29.9
1894	80	60.8	4.0	46.7
1895	102	60.4	1.2	26.1
1896	81	63.8	2.6	42.1
1897	91	55 0	3.8	41 8
1898	92	63 0	3.4	42.9
Average 9 years		60.2	2.7	39.5

The ninety-two varieties tested in 1898 gave an average of 3.4 tons of straw, and 42.9 bushels of grain per acre, and an average weight of grain per measured bushel of exactly 63 lbs. The yield of grain, therefore, is about three and a half bushels per acre more than the average yield of the past nine years. The quality of the grain is excellent in 1898, as it weighs 24 lbs per measured bushel more than the average of all the varieties grown since 1890. It will be observed that in the nine years there is a variation from 26.1 to 52.9 bushels in average yield of grain per acre; from 1.2 to 4.0 tons in average yield of straw per sore, and from 55.0 to 63.3 pounds in average weight of grain per measured bushel. For some of the reasons of these variations, reference can be made to the bulletins and reports previously issued. From a careful study of the foregoing table and the previous winter wheat bulletins, the reader will readily understand that it is of great importance to have these experiments extend over a period of several years, in order to have the varieties subjected to various climatic conditions. We wish to omphasize the fact that the average results of five years' experimental work shou. I be of much greater value than the results obtained from experiments of only one year.