

ered that grain per acre of these 15 varieties was 30.9 bush. in 1890; 51.6 bush. in 1891, and 41 bush. in 1892. For the three years the average was 41.19 bush. The average weight per bush. in 1890 was 60 lb.; in 1891, 63.3 lb.; in 1892, 60 lb. For the three years the average was 61.1 lb. The Surprise heads the list in point of yield, averaging 46.37 bush. per acre for the three years. It is possessed of many good qualities, as ability to yield well, good strength of straw, freedom from rust and good milling properties. The Early Red Clawson follows closely with an average yield of 45.70 bush. Its earliness of ripening is a strong point in its favor. The Rodgers which comes third on the list does not stand high as to milling properties. The Manchester which yields well in some localities, has not done so well with us, as it is somewhat prone to rust. The Red Lion, which several years ago was sold in some localities for \$15 per bush. is very weak in the straw. It weighs well, and this is the chief feature about it.

Table III. gives yields of 8 varieties for two years.

Varieties.	Straw per acre (tons).		Weight per measured bushel (lb.).		Grain per acre (bush. 60 lb.).	
	1892.	Average 1891-2.	1892.	Average 1891-2.	1892.	Average 1891-2.
American Bronze	3.38	2.77	59.3	61.1	39.8	52.5
Egyptian	3.32	2.63	61.5	62.7	47.5	50.4
Garfield or Natural Cross	2.87	2.69	59.3	60.6	32.5	48.4
James' Winter Fyfe	2.54	2.15	59.2	61.7	37.8	47.1
Bulgarian	3.08	2.34	61.6	63.0	47.7	47.0
Winter Pearl	2.84	2.67	60.5	60.7	36.1	45.8
Canadian Velvet Chaff.	2.98	2.40	55.4	58.8	30.7	45.3
Democrat.	3.18	2.43	62.0	63.2	47.2	44.4

These varieties have been grown here for but two years, and like those of the previous table under the same conditions. The average obtained from them in 1891 was 55.3 bush. per acre; in 1892, 41.19 bush.; for the two years 47.6 bush. The average weight per bush. in 1891 was 63.2 lb.; in 1892, 59.9 lb.; for the two years 61.1 lb. The American Bronze which stands first in point of yield for two years did not give nearly so good a return comparatively year as last. Although it stood up well, it was considerably affected with rust. The Egyptian, though an old variety, has done well, and it will also be observed that it weighs well. The Garfield which comes third in point of yield betrayed considerable weakness of