

VARIETIES OF OATS TESTED FOR A SERIES OF YEARS.

Name of Variety.	1899. Average for 5 years.	Name of Variety.	1898. Average for 4 years.	Name of Variety.	1897. Average for 3 years.
	Peraere. Bush. $\frac{1}{2}$ lb.		Peraere. Bush. $\frac{1}{2}$ lb.		Peraere. Bush. $\frac{1}{2}$ lb.
Banner.	75 30	Banner.	71 17	American Beauty.	72 10
American Beauty.	74 31	American Beauty.	71 16	Banner.	72 7
Columbus.	71 23	Columbus.	70 5	Columbus.	70 15
Golden Giant.	71 12	Golden Beauty.	67 17	Golden Beauty.	69 1
Bavarian.	71 9	Bavarian.	66 33	White Schonen.	68 7
Golden Beauty.	70 2	Holstein Prolific.	66 18	Early Golden Prolific.	67 26
Holstein Prolific.	69 23	White Schonen.	65 29	Holstein Prolific.	67 18
Early Golden Prolific.	69 4	Early Golden Prolific.	65 27	Improved Ligowo.	66 18
American Triumph.	67 24	Wallis.	65 16	White Russian.	65 25
Abundance.	67 21	Abundance.	65 9	Wallis.	65 18
White Schonen.	67 21	Golden Gh.	64 19	Bavarian.	64 33
Wallis.	67 23	White Rus.	64 11	Early Gothland.	64 22
Average yield.	70 13	Average yield.	67 1	Average yield.	67 32

From these figures it will be seen that of the forty-one varieties of oats which have been tested for five consecutive years only *fifteen* of these have appeared among the best 12, either in the averages of 3, 4 or 5 years. *Nine* of the varieties have appeared each time in the best 12, and *eleven* of those which appeared in the list for 1898 appear also in that for 1899. Taking the list of 1899 and comparing it with 1898, the names are the same in both, with the single exception of American Triumph, which has replaced the White Russian. Comparing the list of the best 12 sorts in 1899 with those of 1897, in addition to the change referred to, there are two others. Golden Giant has taken the place of Improved Ligowo and Abundance that of Early Gothland.

These three varieties which have thus fallen out of the list of the best twelve within the three years named have not, however, lost much ground. They stand in the records of the average yields for five years in the following order:—

Early Gothland.	66 bush. 26 lbs. per acre.
White Russian.	66 " 2 " "
Improved Ligowo.	64 " 30 " "

The lowest of the three is only 1 bush. 27 lbs. less in average yield than the 12th in the present select list.

A comparison of the 31 varieties of spring wheat grown for five years shows very similar average results.