

Varieties

The following varieties were tested, last year, at the Oka Agricultural Institute, with the following results :

| Varieties | Length of growth | Yield | Weight per bushel |
|-------------------|------------------------|--------------------|-------------------------|
| Banner | 92 days..... | 70.7 bushels | 28 lbs |
| Victory | 90 " | 64.8 " | 28 " |
| O. A. C. 72 | 95 " | 53.7 " | 30 " |
| Canadian | 93 " | 52. " | 26 " |
| Joannette | 83 " | 82.4 " | 28 " |
| Abundance | 100 " | 56.2 " | 30 " |
| Ligowa | 90 " | 75. " | 28 " |
| Daubency..... | 82 " | 74.2 " | 32 " |

The light weight of the grain is due to the exceptionally moist weather of the last season. The Daubency variety is particularly recommended for Northern sections on account of its early ripening. Other varieties recommended as having given satisfactory results from experiments carried at other experimental stations in this Province, are the Banner, Ligowa, Joannette (medium late) and O. A. C. 72 (late). Of all these varieties the Banner has proved most suitable to our soils and climates; it is hardy, productive, easily satisfied and yields a good firm straw.

Soils

Good crops are obtained in all soils, providing they are not too dry and possess the essential fertilizing elements.

As in the case of wheat and barley, the best crops are harvested in a good loamy soil of coarse texture, sandy loam and sandy loam containing clay. Yellow soils on slopes and well manured, as well as heavy clay soils properly loosened are also liable to yield good crops. Heavier soils with a greater proportion of clay will yield heavier oats.

Place in rotation

Oats should never, when possible, come after a previous oat crop. The best place is between a hoed crop, corn or potatoes. Here is a good 6 year rotation for oats: