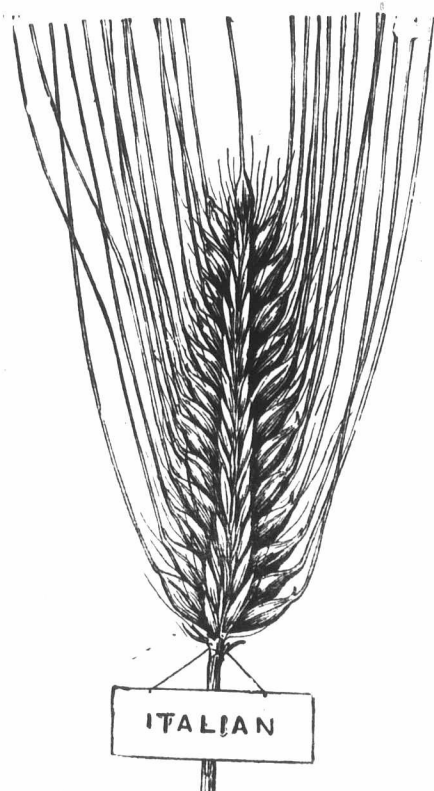


No. 6.—*Duckbill*.—This is a strong, erect grower; it rarely lodges, yields well, ripens early, tillers freely. One of the best, if not the best, plot at the Central Farm. Yield not yet ascertained.

No. 7.—*Swedish*.—Straw shorter and tillers less than the English sorts. Did not appear as good in any particular. Yield in 1891, 48 bush. 16 lbs.

No. 8.—*New Zealand* tillers freely, is early and promises to yield well. Yield in 1890, 14 bushels; 1891, 42 bush. 4 lbs.

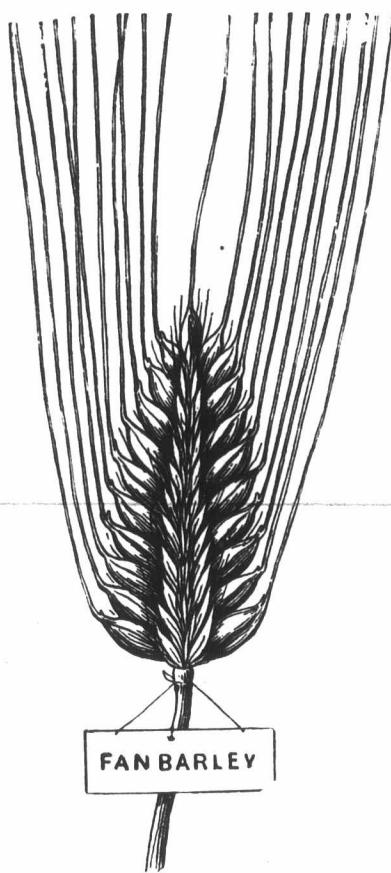


No. 9.—*Italian*.—Resembles the Goldthorpe and Duckbill, but is inferior to either. The straw is shorter and more inclined to lodge. Not as suitable as either for general cultivation. Yield in 1891, 49 bush. 36 lbs.

No. 10.—*Prolific*.—A poor variety, head small. Yield 1890, 31 bush. per acre; in 1891, 38 bush. 10 lbs.

No. 11.—*Pearcock*.—Resembles the Italian. Straw not as stiff as Duckbill, nor does it ripen as early. Yield per acre, 43 bush. 20 lbs.

No. 12.—*Dutch* resembles Prolific. Not promising. Yield per acre, 41 bush. 44 lbs.



No. 13.—*Fan or vice*.—A wide spreading head, straw short, not suitable for general cultivation. Yield, 34 bush. 20 lbs. per acre.

No. 14.—*Phoenix von Thalen*.—An early sort, head and grain small. Yield, 54 bush. 32 lbs. per acre.

No. 15.—*Golden Melon* yields well, but lodges badly. Yield, 43 bush. 40 lbs. per acre.

No. 16.—*Besthorn's*.—Heads fair size, straw weak, not desirable, medium early. Yield, 46 bush. 28 lbs. per acre.

No. 17.—*Selected Chevalier* yields well, straw weak, liable to lodge, medium early. Yield, 41 bush. 24 lbs. per acre.

No. 18.—*Large two-rowed Naked*.—Ripe at the time of our visit, not prolific or vigorous, straw very weak. Yield, 27 bush. 26 lbs. per acre.

No. 19.—*Peerless* is a vigorous grower, but too weak in the straw for general cultivation. Yield, 37 bush. 2 lbs. per acre.

No. 20.—*Early Minting*.—A strong grower. Yield, 42 bush. 24 lbs. per acre. A large field yielded 39 bush. 10 lbs. per acre.

No. 21.—*Danish Chevalier* is promising. Yield, 41 bush. 40 lbs. per acre. A large field yielded 43 bush. 41 lbs. per acre.

No. 22.—*Sharp's Improved*.—Resembles the Duckbill, though not as promising. Yield, 43 bush. 16 lbs.

No. 23.—*Odessa*.—Two-rowed, early but poor. Yield, 31 bush. 2 lbs. per acre.

BARLEY—SIX-ROWED.

No. 1.—*Rennie's Improved*.—A better sort than the common six-rowed now in general cultivation. Yield, 41 bush. 32 lbs. per acre. A small field of Rennie's Improved, on a good piece of land after potatoes, gave the extraordinary yield of 77 bush. 24 lbs. per acre.

No. 2.—*Baxter's*.—Is a heavy cropper. Yield, 40 bush. per acre. A field of Baxter's six-rowed yielded 51 bush. 35 lbs. per acre.

No. 3.—*Mensury* usually yields well, but is inferior for malting, very dark in color. Yield, 45 bush. 6 lbs. per acre.

No. 4.—*Common Barley*.—This plot did not look as promising as Rennie's or Baxter's. Yield, 46 bush. 26 lbs. per acre.

No. 5.—*Odierbruch*.—Better than the last named. Yield per acre, 51 bush. 32 lbs.

No. 6.—*Greek*.—A poor sort. Yield, 24 bush. 44 lbs. per acre.

No. 7.—*Petschora*.—A Russian variety, early, not very promising. Yield per acre, 32 bush. 14 lbs.

OATS.

The oats at the Central Experimental Farm compared with one another while growing were as follows:—

No. 1.—*Prolific Black Tartarian*.—A new oat introduced by the English seedsmen, Webb. It produced an abundance of straw, and should yield well; is among the early sorts. Yield per acre, 20 bush. 33 lbs. A large field of Black Tartarian oats yielded 38 bush. 3 lbs. per acre.

No. 2.—*White Dutch*.—Early, but a weak grower, and thin on the ground. Yield per acre, 32 bush. 32 lbs.

No. 3.—*Siberian* is late, very thrifty, and stood nearly six feet high; the heads are long, not spangled. Yield per acre, 34 bush. 2 lbs.

No. 4.—*Welcome*.—Early, thinner on ground, smuts badly. Yield per acre, 37 bush. 30 lbs. A large field of Welcome yielded 53 bush. 9 lbs. per acre.

No. 5.—*White Russian*.—Slightly spangled head. Yield per acre, 15 bush. 12 lbs. A large field of White Russian yielded 37 bush. 31 lbs. per acre.

No. 6.—*The Cream Egyptian*.—A fine, thrifty grower, but inclined to lodge; stools abundantly. The straw was about 5½ feet long. Yield per acre, 57 bush. 12 lbs. A large field of Cream Egyptian yielded 43 bush. 31 lbs. per acre.

No. 7.—*Poland White*.—A medium early side oat; lodges very badly. Weight of this plot not ascertained. Yield per acre, 49 bush. 8 lbs., from a large field crop.

No. 8.—*Flying Scotchman*.—A thrifty side oat, also inclined to lodge. Yield per acre, 48 bush. 26 lbs., weighing 41 lbs. per bush.

No. 9.—*Early Blossom* presents a very handsome appearance in head; the straw is of medium length. This is a late sort and inclined to rust. Yield per acre, 38 bush. 18 lbs.

No. 10.—*New Zealand*.—Straw of medium length, comparatively free from rust. Yield per acre, 14 bush. 29 lbs.

No. 11.—*The Early Racehorse* has done well at Ottawa, though inclined to lodge. Yield per acre, 36 bush. 24 lbs.

No. 12.—*Canada Triumph*.—Yield per acre, 31 bush. 28 lbs. *Georgia Early*.—Yield per acre, large fields, 42 bush. 29 lbs.; ¼ acre plot, 32 bush. 32 lbs. *Early Archangel*.—Yield per acre, large fields, 48 bush., 8 lbs.; ¼ acre plot, 33 bush. 13 lbs. All the above are the same as No. 11.

No. 13.—*Holstein Prolific*.—Yield per acre, ¼ acre plots, 45 bush.; large fields, 51 bush. 30 lbs. *Early White Canada*.—Yield per acre, ¼ acre plots, 38 bush. 30 lbs.; large fields, 52 bush. 2 lbs.

Wideawake.—Yield per acre, ¼ acre plots, 24 bush. 16 lbs. *American Beauty*.—Yield per acre, ¼ acre plots, 30 bush. 3 lbs.

All closely resembling the Banner, we believe them to be the same oat, though the yield from the various plots may differ, which is to be accounted for by the difference in the plots.

No. 14.—*Hungarian White* is early, short and fine in the straw and thin on the ground. It does not seem to tiller freely. Yield per acre, 30 bush. 28 lbs. A large field yielded 65 bush. 5 lbs. per acre.

No. 15.—*White Giant*.—Short straw, thick on the ground. Yield per acre, 36 bush. 24 lbs.

No. 16.—*English Potato* was a good plot; straw stiff. Yield per acre, 38 bush. 8 lbs. A field of English Potato oats yielded 48 bush. 9 lbs. per acre.

No. 17.—*Longfellow*.—Straw very short, too short, though it may yield well. Yield per acre, 42 bush.

No. 18.—*White Egyptian* was promising. Yield per acre, 49 bush. 32 lbs.

No. 19.—*Hazlett's Seizure*.—A very poor sort. Yield per acre, 11 bush. 6 lbs. A field of Hazlett's Seizure oats yielded 44 bush. 14 lbs. per acre.

No. 20.—*Rosedale* promises well. Yield per acre, 27 bush. 32 lbs. A field of Rosedale oats yielded 83 bush. 6 lbs. per acre.