

B. C. Experimental Farm Crop Report.

OATS are enumerated first, being, on the lower mainland, the most important cereal. It may be mentioned here that growers will find it profitable to avoid the black varieties, especially if growing this cereal for milling purposes. Millers dislike black oats exceedingly, as the presence of a black oat hull in the favorite breakfast food will often make people suspicious that the excreta of mice has become mixed in, with the consequent result that the reputation of that brand of oatmeal gets a black eye. All varieties were planted on the same day, April 17th.

- Date of Ripening.
- Aug. 12—Millford (w)—Yield, 82 bu. 32 lb.; straw, fairly stiff; character of grain, good; character of head, sided.
- “ 18—Holland (w)—82 bu. 32 lb.; straw, good; grain, good; head, sided.
- “ 13—Bavarian (w)—82 bu. 22 lb.; straw, medium; grain, good; head, branching.
- “ 11—Sensation (w)—80 bu.; straw, good; grain, good; head, branching.
- “ 12—Columbus (w)—78 bu. 28 lb.; straw, poor; grain, very fair; head, branching.
- “ 10—Tartar King (w)—77 bu. 22 lb.; straw, good; grain, good; head, sided.
- “ 17—Abundance (w)—75 bu. 30 lb.; straw, medium; grain, good; head, branching.
- “ 12—Olive White—74 bu. 4 lb.; straw, medium; grain, good; head, sided.
- “ 17—White Giant—73 bu. 28 lb.; straw, stiff; grain, fair; head, branching.
- “ 17—Cromwell—73 bu. 18 lb.; straw, stiff and clean; grain, good; head, branching.
- “ 13—Kendal White—73 bu. 8 lb.; straw, medium; grain, very fair; head, half-sided.
- “ 11—Waverley—72 bu. 12 lb.; straw, stiff; grain, fair; head, branching.
- “ 14—Irish Victor—72 bu. 3 lbs.; straw, stiff; grain, good; head, sided.
- “ 17—Golden Tartaria—71 bu. 26 lb.; straw, stiff; grain, very fair; head, sided.
- “ 14—Golden Fleece—71 bu. 6 lb.; straw, medium; grain, good; head, branching.
- “ 14—Early Gothland—69 bu. 14 lb.; straw, stiff and clean; grain, good; head, branching.
- “ 13—Silverian, O. A. C.—69 bu. 4 lb.; straw, stiff; grain, very fair; head, branching.
- “ 13—American Triumph—68 bu. 18 lb.; straw, stiff; grain, very fair; head, branching.
- “ 11—Swedish Probestein—67 bu. 8 lb.; straw, stiff; grain, good; head, branching.
- “ 13—Pense White—66 bu. 16 lb.; straw, stiff; grain, very fair; head, branching.
- “ 14—Hazlett Seizure—66 bu. 6 lb.; straw, stiff; grain, good; head, branching.
- “ 12—Early Blossom—65 bu. 30 lb.; straw, stiff; grain, very fair; head, sided.
- “ 10—Pioneer—64 bu. 14 lb.; straw, medium; grain, good; head, branching.
- “ 13—Banner—64 bu. 4 lb.; straw, stiff; grain, good; head, branching.

As stated previously, many lower yielding varieties have been omitted, hence Banner is at the foot of the list given. On the average, Banner occupies first to fifth place in merit of varieties.

- WHEAT.—All sown April 18th.
- Ripe.
- Aug. 10—Percy—Yield, 46 bu. 40 lb.; head, bald; chaff, red; straw, stiff and bright; rust or smut, none.
- “ 10—Australian 19—44 bu.; head, bald; chaff, red; straw, stiff and bright; rust or smut, none.
- “ 10—Advance—42 bu. 40 lb.; head, bearded; chaff, red; straw, stiff and bright; rust or smut, none.
- “ 11—Plumper—42 bu.; head, bearded; chaff, white; straw, stiff and bright; rust or smut, none.
- “ 8—Hastings—41 bu. 40 lb.; head, bald; chaff, white; straw, medium bright; rust or smut, none.
- “ 11—Bishop—41 bu. 40 lb.; head, bald; chaff, white; straw, medium bright; rust or smut, none.
- “ 17—Monarch—41 bu. 20 lb.; head, bald; chaff, white; straw, stiff and bright; rust or smut, none.
- “ 10—Cartier—41 bu. 20 lb.; head, bearded; chaff, white; straw, stiff and bright; rust or smut, none.
- “ 17—White Connell—41 bu. 10 lb.; head, bald; chaff, white; straw, stiff and bright; rust or smut, none.
- “ 19—Clyde—41 bu.; head, bald; chaff, white; straw, stiff and bright; rust or smut, none.
- “ 19—Wellman's Fife—41 bu.; head, bald; chaff, white; straw, medium; rust or smut, none.
- “ 14—Alpha—40 bu. 50 lb.; head, bald; chaff, red; straw, stiff and bright; rust or smut, none.
- “ 17—Laurel—40 bu. 40 lb.; head, bald; chaff, white; straw, stiff and bright; rust or smut, none.

Aug. 17—Australian 37—40 bu. 30 lb.; head, bald; chaff, red; straw, stiff and bright; rust or smut, none.

“ 15—Preston—40 bu. 20 lb.; head, bearded; chaff, red; straw, stiff and bright; rust or smut, none.

“ 17—Red Fern—40 bu. 20 lb.; head, bearded; chaff, white; straw, medium; rust or smut, none.

[Note.—Wheat, as grown in the lower mainland district, is of value only as feed, taken year by year; in the upper country districts, such as the Okanagan, large quantities fit for milling are grown.]

BARLEY.—All sown April 20th; no rust or smut.

Ripe.

Aug. 3—Mensury—Yield, 80 bu.; straw, stiff; kind of head, six-rowed.

“ 12—Dunham—76 bu. 32 lb.; straw, stiff and bright; head, two-rowed.

“ 15—Beaver—75 bu.; straw, medium; head, two-rowed.

“ 6—Gordon—73 bu. 26 lb.; straw, stiff; head, two-rowed.

“ 15—Sidney—73 bu. 16 lb.; straw, medium; head, two-rowed.

“ 7—Mansfield—73 bu. 16 lb.; straw, stiff and bright; head, six-rowed.

“ 12—Stella—72 bu. 24 lb.; straw, weak; head, six-rowed.

“ 1—Brome—71 bu. 32 lb.; straw, medium; head, six-rowed.

“ 1—Oderbruch—71 bu. 12 lb.; straw, stiff; head, six-rowed.

“ 15—French Chevalier—70 bu. 40 lb.; straw, stiff; head, two-rowed.

“ 12—Canadian Thorpe—69 bu. 28 lb.; straw, stiff and bright; head, two-rowed.

July 29—Royal—68 bu. 36 lb.; straw, stiff; head, six-rowed.

Aug. 7—Empire—68 bu. 36 lb.; straw, stiff and bright; head, six-rowed.

“ 13—Standwell—67 bu. 4 lb.; straw, stiff and bright; head, two-rowed.

July 30—Common—67 bu. 4 lb.; straw, medium; head, six-rowed.

[Supt.'s Note.—Barley is a good paying crop in B. C. Not exhaustive on the soil; excellent for dairy cattle and hogs, and should be more extensively grown. A good feeding combination, I grew in Manitoba years ago, is barley, a bushel and one to two pecks per acre, along with one gallon of flax. Such will thresh well with the ordinary machine without trouble.]

PEAS.—All sown April 21st.

Ripe.

Aug. 15—Early Britain—Yield, 46 bu. 40 lb.; length of straw, 52 inches; size of pea, medium.

“ 21—White Marrowfat—46 bu. 30 lb.; straw, 52 ins.; pea, large.

“ 17—German White—46 bu. 20 lb.; straw, 54 ins.; pea, medium.

“ 17—Carlton—45 bu. 20 lb.; straw, 70 ins.; pea, medium.

“ 15—Arthur—44 bu. 40 lb.; straw, 50 ins.; pea, large.

“ 15—Macoun—44 bu. 20 lb.; straw, 56 ins.; pea, large.

“ 20—Chancellor—44 bu.; straw, 56 ins.; pea, medium.

“ 20—Pearl—42 bu. 40 lb.; straw, 76 ins.; pea, large.

“ 18—Mummy—42 bu.; straw, 58 ins.; pea, medium.

“ 15—Lanark—42 bu. 20 lb.; straw, 48 ins.; pea, large.

“ 18—Centennial—41 bu. 30 lb.; straw, 64 ins.; pea, medium.

“ 17—Nelson—40 bu. 40 lb.; straw, 58 ins.; pea, medium.

“ 22—Paragon—40 bu. 10 lb.; straw, 62 ins.; pea, medium.

“ 21—White Wonder—40 bu.; straw, 60 ins.; pea, medium.

“ 18—Wisconsin Blue—39 bu.; straw, 64 ins.; pea, small.

CORN.—In the list given of the varieties of corn, all very slow maturing varieties have been left out. Corn is grown in B. C. for the silo, and unless a variety reaches at least the early milk it is of no use, as corn used that has not reached that stage gives an inferior silage, very sour and disappointing to the farmer, especially if it be his first venture. The climatic conditions are such that corn left to stand in the stock is wasted, owing to the incessant rains, so that it is at once seen that the late-maturing varieties have no place in B. C. agricultural practice. All varieties were planted May 20th, and were harvested October 1st to 10th.

Red Cob—Condition when cut, late milk; leafings, very leafy; 31 tons 480 lbs.

Angel of Midnight—Condition, early milk; leafings, very leafy; 26 tons 580 lbs.

North Dakota White—Condition, early milk; leafings, very leafy; 24 tons 400 lbs.

Eureka—Condition, early milk; leafings, very leafy; 22 tons 1,760 lbs.

Compton's Early—Condition, early milk; leafings, very leafy; 22 tons 220 lbs.

Early Butler—Condition, early milk; leafings, very leafy; 21 tons 1,560 lbs.

King Philip—Condition, ears just formed; leafings, fairly leafy; 20 tons 40 lbs.

Leeming—Condition, early milk; leafings, very leafy; 18 tons 80 lbs.

Cloud's Early Yellow—Condition, early milk; leafings, very leafy; 17 tons 1,860 lbs.

Longfellow—Condition, roasting ears; leafing, very leafy; 17 tons 870 lbs.

Whitecap Yellow Dent—Condition, early milk; leafings, leafy; 16 tons 1,220 lbs.

Sanford—Condition, ears formed; leafings, leafy; 15 tons 1,460 lbs.

[Note.—The Superintendent informed the “F. A.” man that many complaints were received of silage spoiling all the way down the silo, yet his correspondents say the silage was well packed in and that the silo was air-tight. Supt. Sharpe attributes it to the fact that the silo walls, although practically light, being of wood and dry, absorbed moisture from narrow strips of corn in contact all round the silo walls; consequently, that strip was drier than the rest of the silage and admitted the air, hence the spoiling. To avoid this, he recommends sprinkling the inside of the walls well with water as filling goes on.

TURNIPS.—Date of sowing, May 13th; lifted, October 24th.

Emperor—47 tons 1,270 lbs.; remarks, smooth, small top.

Hall's Westbury—47 tons 1,382 lbs.; smooth, very small top.

Perfection—45 tons 1,080 lbs.; smooth, very small top.

East Lothian—45 tons 1,410 lbs.; smooth, small top.

Imperial—41 tons 1,820 lbs.; smooth, regular cropper.

Good Luck—41 tons 1,490 lbs.; very fair.

Mammoth Clyde—41 tons 1,160 lbs.; smooth, small top and root.

Halewood Brown Top—40 tons 1,080 lbs.; smooth, round, small top and root.

Elephant's Master—40 tons 35 lbs.; tankard shape, well out of ground.

New Century—39 tons 1,860 lbs.; smooth.

Bang Holm Selected—38 tons 1,880 lbs.; even grower, a favorite for main crop.

Jumbo—38 tons 890 lbs.; uneven grower.

Scirvings—37 tons 1,240 lbs.; smooth, even cropper.

Hartley's Bronze Top—37 tons 580 lbs.; smooth.

Carter's Elephant—36 tons 1,460 lbs.

Supt. Sharpe prefers turnips to silage as roughage for cattle, his experience being that whereas grown cattle will take, on the average, forty pounds of silage, they will take eighty to ninety pounds of turnips. Turnips can be fed to cows right after milking if tainting is to be avoided.

POTATOES.—All planted May 22nd.

Rochester Rose—Marketable, 80 per cent.; small, 20 per cent.; rotten, 0 per cent.; color, rose; shape, long; total yield, 460 bu. 24 lbs.

Cambridge Russet—Marketable, 70 per cent.; small, 30 per cent.; color, russet; shape, oblong; total yield, 455 bu. 48 lbs.

Reeve's Rose—Marketable, 85 per cent.; small, 10 per cent.; rotten, 5 per cent.; color, rose; shape, long; total yield, 400 bu. 24 lbs.

Country Gentleman—Marketable, 90 per cent.; small, 10 per cent.; color, pink and white; shape, long; total yield, 398 bu. 12 lbs.

Vanier—Marketable, 90 per cent.; small, 10 per cent.; color, red; shape, long; total yield, 376 bu. 12 lbs.

Early Rose—Marketable, 85 per cent.; small, 10 per cent.; rotten, 5 per cent.; color, rose; shape, oblong; total yield, 375 bu. 40 lbs.

American Wonder—Marketable, 80 per cent.; small, 15 per cent.; rotten, 5 per cent.; color, white; shape, long flat; total yield, 360 bu. 48 lbs.

Early Michigan—Marketable, 70 per cent.; small, 20 per cent.; rotten, 10 per cent.; color, white; shape, long; total yield, 360 bu. 48 lbs.

Sharpe's seedling—Marketable, 80 per cent.; small, 20 per cent.; color, rose; shape, long round; total yield, 356 bu. 24 lbs.

(Male parent, Breeze Early Prolific; female, Early Eose.) Rose No. 9—Marketable, 85 per cent.; small, 15 per cent.; color, rose; shape, long; total yield, 358 bu. 36 lbs.

Seedling No. 7—Marketable, 85 per cent.; small, 10 per cent.; rotten, 5 per cent.; color, red; shape, long; total yield, 347 bu. 36 lbs.

Irish Daisy—Marketable, 75 per cent.; small, 20 per cent.; rotten, 5 per cent.; color, white; shape, round; total yield, 344 bu. 48 lbs.

Pearce—Marketable, 80 per cent.; small, 20 per cent.; color, pink and white; shape, long; total yield, 344 bu. 48 lbs.

Sutton's Invincible—Marketable, 75 per cent.; small, 20 per cent.; rotten, 5 per cent.; color, white; shape, long; total yield, 332 bu. 12 lbs.

Dreer's Standard—Marketable, 85 per cent.; small, 15 per cent.; color, white; shape, oval; total yield, 323 bu. 24 lbs.

Uncle Sam—Marketable, 80 per cent.; small, 15 per cent.; rotten, 5 per cent.; color, white; shape, round; total yield, 321 bu. 12 lbs.