

EXPERIMENTAL FARM FOR MANITOBA, BRANDON, MAN.

Per Acre. Bush. Lbs.		Per Acre. Bush. Lbs.	
1. White Fife	38 47	7. Advance.....	34 53
2. Preston (2 yrs. only).....	37 65	8. Crown	34 30
3. Red Fife	37	9. Monarch	34 20
4. Rio Grande	35 57	10. White Connell.....	34 10
5. Goose.....	35 43	11. Old Red River.....	33 47
6. Pringle's Champlain.....	35 37	12. White Russian	32 50

An average yield of 35 bushels 28 lbs. per acre.

EXPERIMENTAL FARM FOR THE N.W. TERRITORIES, INDIAN HEAD, N.W.T.

Per Acre. Bush. Lbs.		Per Acre. Bush. Lbs.	
1. Huron.....	44 20	7. Alpha	41 13
2. Beaudry.....	43 37	8. Preston	41 10
3. Emporium	43 7	9. Rideau.....	40 53
4. Red Fern.....	41 27	10. Wellman's Fife.....	40 50
5. Red Fife.....	41 23	11. Crown	40 43
6. Pringle's Champlain.....	41 23	12. Herisson Bearded.....	40 40

An average yield of 41 bushels 44 lbs. per acre.

EXPERIMENTAL FARM FOR BRITISH COLUMBIA, AGASSIZ, B.C.

Per Acre. Bush. Lbs.		Per Acre. Bush. Lbs.	
1. White Fife.....	26 38	7. Alpha	24 10
2. Herisson Bearded.....	26 20	8. Campbell's White Chaff....	24
3. Preston	25 47	9. Red Fife	23 28
4. White Connell.....	24 40	10. Admiral.....	23 27
5. Old Red River	24 40	11. Red Fern.....	23 20
6. Wellman's Fife.....	24 20	12. Monarch.....	23 13

An average yield of 24 bushels 30 lbs. per acre.

The twelve varieties of spring wheat which have produced the largest average crops at all the farms for the past three years are :

Per Acre. Bush. Lbs.		Per Acre. Bush. Lbs.	
1. Preston.....	33 4	7. Red Fife	30 9
2. Monarch	31 2	8. White Connell.....	30 4
3. Wellman's Fife.....	30 36	9. Advance	30
4. White Fife	30 25	10. Goose.....	29 51
5. Rio Grande	30 23	11. Red Fern.....	29 49
6. Old Red River.....	30 17	12. Alpha.....	29 37

An average yield of 30 bushels 26 lbs. per acre.

It will be seen that the new cross-bred varieties, Preston, Advance and Alpha, which were originated at the Experimental Farms stand well to the front in these tests. Huron also, another of the cross-bred sorts, gave an average for the three years of 29 bushels 8 lbs. per acre, only 29 lbs. less than Alpha.

PEASE, INDIAN CORN, AND FIELD ROOTS.

The records of the varieties of pease are not yet sufficiently complete to permit of an average of the crop for three years being given, a large proportion of those under test, having only been grown for one or two years at most. With Indian Corn the varieties which stand at the head of the list for weight of crop are the large-growing dent sorts, which do not mature well in the short season at Ottawa, and hence do not make the best quality of ensilage.