

The twelve varieties of spring wheat which have produced the largest crops for the past five years, taking the average of the results obtained on all the experimental farms, are:—

Per acre.		Per acre.	
Bush.	Lbs.	Bush.	Lbs.
1. Preston .....	32 40	7. White Connell .....	30 46
2. Wellman's Fife .....	32 12	8. Red Fife .....	30 42
3. Monarch .....	32 6	9. Huron .....	30 31
4. Goose .....	31 14	10. White Russian .....	30 28
5. White Fife .....	31 ..	11. Pringle's Champlain .....	30 1
6. Rio Grande .....	30 53	12. Red Fern .....	29 50

An average crop of 31 bushels 7 lbs. per acre.

### THREE AND FOUR YEARS' EXPERIENCE WITH VARIETIES OF PEASE.

The twelve varieties of pease which have averaged the heaviest crops at the several experimental farms for the past three or four years are the following. On account of the mixing of the crop by the wind storm at Ottawa in 1899, the average of three years only can be given for this farm. Those varieties on the other farms which have been tested only three years are so marked

#### CENTRAL EXPERIMENTAL FARM, OTTAWA, ONT.

Per acre.		Per acre.	
Bush.	Lbs.	Bush.	Lbs.
1. Arthur .....	41 22	7. Canadian Beauty .....	35 30
2. Macoun .....	39 10	8. Bedford .....	35 27
3. Kent .....	37 23	9. Creeper .....	35 22
4. Agnes .....	36 26	10. Duke .....	35 17
5. Mackay .....	36 15	11. Crown .....	35 15
6. Black-eyed Marrowfat .....	36 12	12. Paragon .....	34 17

An average crop of 36 bushels 32 lbs. per acre.

#### EXPERIMENTAL FARM FOR THE MARITIME PROVINCES, NAPPAN, N.S.

Per acre.		Per acre.	
Bush.	Lbs.	Bush.	Lbs.
1. Crown .....	41 25	7. Carleton .....	30 46
2. Centennial .....	35 ..	8. Prince .....	29 40
3. Pride .....	33 15	9. Lige-White Marrowfat, 3 yrs .....	29 10
4. New Potter .....	32 55	10. Canadian Beauty .....	28 35
5. Black-eyed Marrowfat .....	32 50	11. Prince Albert .....	28 10
6. Duke .....	30 16	12. Paragon .....	28 6

An average crop of 32 bushels per acre.

#### EXPERIMENTAL FARM FOR MANITOBA, BRANDON, MAN.

Per acre.		Per acre.	
Bush.	Lbs.	Bush.	Lbs.
1. Pride .....	50 46	7. Kent .....	45 25
2. Mummy .....	48 36	8. Crown .....	45 20
3. New Potter .....	47 52	9. Trilby .....	44 35
4. Carleton .....	47 15	10. Black-eyed Marrowfat .....	41 18
5. White Wonder, 3 yrs .....	45 43	11. King, 3 yrs .....	43 10
6. Mackay .....	45 25	12. Golden Vine, 3 yrs .....	43 5

An average crop of 45 bushels 55 lbs. per acre.

#### EXPERIMENTAL FARM FOR THE NORTH-WEST TERRITORIES, INDIAN HEAD, N.W.T.

Per acre.		Per acre.	
Bush.	Lbs.	Bush.	Lbs.
1. Trilby .....	40 40	7. Prince Albert .....	34 57
2. Carleton .....	39 2	8. Centennial .....	34 5
3. Paragon .....	38 37	9. Porth, 3 yrs .....	33 46
4. Crown .....	38 30	10. Macoun .....	33 45
5. Archer, 3 yrs .....	35 36	11. Creeper .....	33 40
6. Duke .....	35 22	12. White Wonder, 3 yrs .....	33 36

An average crop of 35 bushels 58 lbs. per acre.