

PEASE SOWN AT DIFFERENT DATES.

Name of Variety.	Date of Sowing.	Date of Harvesting.	No. of days Maturing.	Length of Straw.	Weight of Straw per acre.	Yield of pease per acre.	Weight per bushel.
				Inches.	Lbs.	Bush. lbs.	Lbs.
Golden Vine	April 20..	Aug. 5..	107	45 to 54	3,325	24 40	65½
"	" 27..	" 8..	103	51 to 58	3,315	30 5	65½
"	May 4..	" 10..	98	50 to 64	3,465	36 30	66
"	" 11..	" 14..	95	50 to 60	3,530	34 30	65½
"	" 18..	" 17..	91	49 to 59	3,500	30 30	65½
"	" 25..	" 19..	89	49 to 52	3,200	29 40	65
Mummy	April 20..	" 6..	108	45 to 50	3,210	23 35	65½
"	" 27..	" 7..	102	50 to 56	4,520	37 50	65½
"	May 4..	" 9..	97	48 to 52	4,585	34 55	65½
"	" 11..	" 14..	95	43 to 49	4,860	34 ..	64½
"	" 18..	" 16..	90	47 to 51	4,470	30 40	64½
"	" 25..	" 18..	88	47 to 52	4,365	28 25	61½

SUMMARY OF RESULTS OF EARLY, MEDIUM AND LATE SOWING FOR THE WHOLE PERIOD.

The following are the averages for the whole of the tests which have been continued for seven years with the oats, barley and spring wheat, and two years with the pease :—

TESTS CONTINUED FOR SEVEN YEARS.						TESTS CONTINUED FOR TWO YEARS.	
Oats.	Average Yield per acre.	Barley.	Average Yield per acre.	Spring Wheat.	Average Yield per acre.	Pease.	Average Yield per acre.
	Bush. lbs.		Bush. lbs.		Bush. lbs.		Bush. lbs.
1st Sowing.....	54 28	1st sowing....	40 7	1st sowing....	18 26	1st sowing....	31 39
2nd "	58 ..	2nd "	40 19	2nd "	19 13	2nd "	34 37
3rd "	48 14	3rd "	31 38	3rd "	13 47	3rd "	37 10
4th "	42 15	4th "	28 8	4th "	12 8	4th "	30 41
5th "	38 12	5th "	24 47	5th "	10 46	5th "	27 47
6th "	28 7	6th "	22 21	6th "	9 15	6th "	25 39

EXPERIMENTS WITH INDIAN CORN.

Twenty-four varieties of Indian Corn were tested side by side in 1896, on light sandy loam. The previous crop was oats. This land received a dressing of barn-yard manure in the spring of 1893, about 10 tons per acre. It also received an application of unleached ashes in the spring of 1896 of about 150 bushels per acre. The land was ploughed late in the autumn about 8 inches deep and ploughed again from 5 to 6 inches deep early in the spring. Before planting the land was disc-harrowed and harrowed with the smoothing harrow twice.

The different varieties were all planted on the 23rd of May and cut 10th September.