

LEGUME LOGIC 2004 N.D. FIELD PEA TRIALS

Green Peas

Variety	Bloom Duration	Days to Maturity	Harv. Ease 0-9	Ht. At Harvest (inches)	Powdery Mildew 0-9 2003	Quality Score 0-5	Seeds Per/lb.	SEED YIELD bus/ac.		
								2003	2004	3yr. Avg.
CARRINGTON <i>LSD 6.6 BUS/AC.</i>										
TOLEDO	18.3	90.5	3.0	22.0	5.0	3.2	1581	71.6	72.3	65.3
MAJORET	18.0	94.0	4.8	21.0	6.0	2.0	1857	65.5	75.1	64.0
CRUISER	20.0	96.0	3.0	22.0	6.0	1.6	2055	70.9	68.0	62.6
LEGUME LOGIC PROMISING EXPERIMENTAL VARIETIES										
Mission	19.2	94.8	6.3	19.0	n/a	2.0	2010	n/a	67.9	n/a
AP-18	18.3	98.8	2.3	22.0	n/a	1.7	1927	n/a	72.9	n/a
LANGDON <i>LSD 18.0 BUS/AC.</i>										
TOLEDO	21.0	111	6.7	n/a	6.8	n/a	1850	57.4	79.1	64.2
MAJORET	22.0	112	8.3	n/a	7.7	n/a	2200	58.7	67.0	61.0
CRUISER	27.0	114	7.7	n/a	7.2	n/a	2400	39.8	56.8	50.9
WILLISTON <i>LSD 5.6 BUS/AC.</i>										
TOLEDO	19.0	n/a	2.0	24.0	n/a	2.0	1517	40.3	45.1	35.0
MAJORET	18.0	n/a	1.3	23.0	n/a	2.4	1988	35.7	52.3	37.2
CRUISER	17.0	n/a	0.8	26.0	n/a	1.0	2029	40.4	49.9	37.7
MINOT <i>LSD 8.1 BUS/AC.</i>										
TOLEDO	21.0	104	0.0	24.0	n/a	3.2	1650	52.3	54.5	46.3
MAJORET	19.8	104	0.3	26.2	n/a	2.3	1948	52.0	58.7	47.5
CRUISER	20.5	103	0.5	23.3	n/a	1.4	2200	60.2	50.6	49.4
AP-18	19.3	103	0.3	23.9	n/a	1.4	2070	n/a	56.4	n/a
WILTON (no-till) <i>LSD 7.7 BUS/AC.</i>										
CRUISER	n/a	n/a	5.0	n/a	8.0	2.3	2175	n/a	64.9	n/a
MAJORET	n/a	n/a	3.5	n/a	8.0	1.9	2030	39.6	74.6	n/a
SWA98692	n/a	n/a	3.5	n/a	8.0	1.8	2010	43.7	76.4	n/a

Planting dates-Carrington = May 7, Langdon = May 5, Williston = April 22 on fallow, Wilton = May 5, Minot=April 28, hail damage on June 6

Powdery Mildew Scores : from 2003 plots 0 = no symptoms, 9 = heavy disease pressure

Harvest Ease Score: 0 = all plants standing (v. easy harvest) 9 = all plants flat (very difficult harvest)

Quality Score (for food) ; 1 = excellent (round, smooth seed with no bleach) 5 = poor (blocky, rough seed with high bleach)