

LEGUME LOGIC 2003 FIELD PEA TRIALS

Yellow Peas

Variety	Bloom Duration	Days to Maturity	Harv. Ease 0-9	Ht. At Harvest (inches)	Powdery Mildew 0-9	Quality Score 0-5	Seeds Per/lb.	SEED YIELD bus/ac.		
								2002	2003	3yr. Avg.
CARRINGTON <i>LSD 8 BUS/AC.</i>										
INTEGRA	17.8	90.3	3.8	17.0	3.5	3.0	1776	51.6	78.0	64.0
CARNEVAL	19.0	92.5	3.8	14.5	1.8	2.3	2340	55.9	74.2	63.0
ADMIRAL	18.5	93.8	3.8	17.3	0.0	1.3	1948	51.4	75.4	64.2
SALUTE	20.3	92.0	7.0	11.0	0.0	3.0	2028	60.6	80.5	67.4
CIRCUS	18.3	89.8	2.5	20.0	2.0	3.0	2192	54.7	70.4	n/a
LEGUME LOGIC PROMISING EXPERIMENTAL VARIETIES										
SW 5122	20.3	94.0	3.3	15.4	0.0	2.3	2118	58.9	81.1	n/a
CEB. 4135	24.0	96.8	5.3	13.0	0.8	2.7	1537	n/a	84.4	n/a
MIDAS	18.0	94.0	3.5	16.1	0.0	1.3	2228	59.2	74.4	n/a
LANGDON <i>LSD 9.2 BUS/AC.</i>										
INTEGRA	20.0	88.0	5.3	n/a	5.5	n/a	2100	57.1	58.5	55.7
CARNEVAL	25.0	90.0	6.4	n/a	3.2	n/a	2400	57.2	57.1	51.4
ADMIRAL	23.0	90.0	5.6	n/a	0.0	n/a	2100	59.9	57.4	n/a
CIRCUS	21.0	86.0	4.9	n/a	5.8	n/a	2400	55.4	58.8	n/a
SW 5122	26.0	91.0	5.9	n/a	0.0	n/a	2600	n/a	60.5	n/a
CEB. 4135	26.0	93.0	6.2	n/a	0.0	n/a	1782	n/a	70.9	n/a
WILLISTON <i>LSD 4.9 BUS/AC.</i>										
INTEGRA	n/a	n/a	2.0	24.0	n/a	n/a	1653	20.5	39.7	33.7
CARNEVAL	n/a	n/a	2.0	24.0	n/a	n/a	2030	20.8	35.3	32.5
ADMIRAL	n/a	n/a	2.0	24.0	n/a	n/a	1900	n/a	36.3	n/a
SALUTE	n/a	n/a	1.0	23.0	n/a	n/a	1922	24.6	49.0	n/a
MINOT <i>LSD10.4 BUS/AC.</i>										
INTEGRA	n/a	88.0	0.3	28.8	n/a	n/a	1800	35.0	63.2	45.4
CARNEVAL	n/a	89.0	0.5	28.8	n/a	n/a	2400	40.0	55.0	44.2
ADMIRAL	n/a	87.0	2.0	27.0	n/a	n/a	2000	n/a	54.3	n/a
SALUTE	n/a	86.0	3.8	26.0	n/a	n/a	2100	51.0	57.3	51.8
CIRCUS	n/a	87.0	0.8	26.0	n/a	n/a	2268	n/a	59.1	n/a
SW 5122	n/a	87.0	0.8	30.0	n/a	n/a	2400	n/a	55.8	n/a
WILTON (NO-TILL) <i>LSD 7.4 BUS/AC .</i>										
INTEGRA	n/a	n/a	2.0	n/a	8.0	2.0	n/a	n/a	50.9	n/a
CARNEVAL	n/a	n/a	4.0	n/a	2.0	2.0	n/a	n/a	38.3	n/a
ADMIRAL	n/a	n/a	2.0	n/a	0.0	1.3	n/a	n/a	58.8	n/a
CIRCUS	n/a	n/a	4.0	n/a	8.0	2.3	n/a	n/a	35.6	n/a
SALUTE	n/a	n/a	3.0	n/a	0.0	2.3	n/a	n/a	60.4	n/a
MIDAS	n/a	n/a	3.0	n/a	0.0	1.3	n/a	n/a	50.8	n/a

Planting dates- Carrington = May 2, Langdon = May 12, Williston = April 28 on fallow, Wilton = May 21

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

Harvest Ease Scores: 0 = all plants upright (very easy harvest), 9 = all plants flat (very difficult harvest)

Quality Score (for food); 0 = excellent (round, smooth seed with no bleach), 5 = poor (blocky, rough seed with high bleach)