

LEGUME LOGIC 2004 N. D. FIELD PEA TRIALS

Yellow 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>										
INTEGRA	16.0	89.0	3.3	22.8	3.5	3.0	1619	78.0	72.3	67.3
CARNEVAL	18.0	93.0	3.0	23.6	1.8	2.0	1937	74.2	73.8	68.0
ADMIRAL	18.3	92.8	2.5	22.8	0.0	1.6	1686	75.4	76.7	67.8
SALUTE	24.5	95.0	6.5	20.5	0.0	2.0	1786	80.5	73.5	71.5
CIRCUS	18.0	89.3	3.3	23.6	2.0	2.2	1980	70.4	73.7	66.3
MARQUEE	20.3	92.3	3.0	23.6	0.0	2.0	2072	81.1	71.9	70.6
LEGUME LOGIC PROMISING EXPERIMENTAL VARIETIES										
APCM714204	15.8	98.5	0.0	31.5	0.0	2.5	1457	n/a	62.4	n/a
CEB. 4135	22.8	93.8	3.3	22.0	0.8	3.5	1470	84.4	75.8	n/a
MIDAS	18.8	91.5	3.5	22.4	0.0	1.8	1962	74.4	79.5	71.0
LANGDON <i>LSD 18.0 BUS/AC.</i>										
CARNEVAL	26.0	115	6.9	n/a	3.2	n/a	2350	57.1	70.2	61.5
ADMIRAL	23.0	111	7.2	n/a	0.0	n/a	2247	57.4	69.1	62.1
CEB. 4133	31.0	119	6.8	n/a	0.0	n/a	1998	n/a	86.0	n/a
CIRCUS AND INTEGRA WERE NOT TESTED IN 2004 BUT ARE STILL RECOMMENDED										
WILLISTON <i>LSD 5.6 BUS/AC.</i>										
CARNEVAL	17.0	n/a	0.8	25.0	n/a	2.0	2046	35.3	55.3	37.1
ADMIRAL	15.0	n/a	0.3	25.0	n/a	1.1	1529	36.3	54.4	n/a
SALUTE	18.0	n/a	0.8	27.0	n/a	2.0	1921	49.0	57.6	43.7
MARQUEE	17.0	n/a	1.5	28.0	n/a	2.2	2133	n/a	53.5	n/a
MINOT <i>LSD 8.1 BUS/AC.</i>										
CARNEVAL	19.5	104	0.3	27.6	n/a	2.0	2064	55.0	66.0	60.5
ADMIRAL	20.3	103	0.3	26.8	n/a	1.4	1894	54.3	56.7	55.5
SALUTE	20.0	103	1.8	21.6	n/a	1.8	2000	57.3	66.1	61.7
MARQUEE	20.3	103	0.0	28.9	n/a	2.1	2300	55.8	63.8	59.8
WILTON (NO-TILL) <i>LSD 7.7 BUS/AC .</i>										
INTEGRA	n/a	n/a	2.0	n/a	8.0	2.3	1716	50.9	72.7	61.8
CARNEVAL	n/a	n/a	3.0	n/a	2.0	2.4	2087	38.3	76.6	57.5
ADMIRAL	n/a	n/a	3.0	n/a	0.0	1.7	1870	58.8	69.2	64.0
CIRCUS	n/a	n/a	1.5	n/a	8.0	2.5	2118	35.6	72.0	53.8
SALUTE	n/a	n/a	4.0	n/a	0.0	3.4	1894	60.4	82.0	71.2
MARQUEE	n/a	n/a	1.0	n/a	0.0	2.9	2150	n/a	79.4	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.

2 YEAR AVERAGES WERE USED FOR MINOT AND WILTON

Powdery Mildew Scores: from 2003 plots 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); 1 = excellent (round, smooth seed with no bleach), 5 = poor (blocky, rough seed with high bleach)