

North Dakota State University
2001 Field Pea Variety Trials
Performance Summary of Core Group Varieties

Seed Yield

	Carrington	Dickinson	Erie	Hettinger	Langdon	Minot	Williston	Average
<i>Yellow</i>	bushels / acre							
Trapper	12.2	34.1	9.7	50.9	7.0	39.2	38.3	27.3
Integra	62.2	42.4	41.6	43.4	51.4	35.7	40.9	45.4
Carneval	59.1	50.5	37.1	48.4	39.8	37.6	41.5	44.9
<i>Green</i>								
Atomic	57.0	47.9	44.6	45.4	40.4	38.2	43.0	45.2
Majoret	59.4	47.4	44.1	42.3	35.9	37.5	46.2	44.7
Scuba	64.0	44.9	44.3	35.2	47.1	50.4	42.4	46.9
Mean	52.3	44.5	36.9	44.3	36.9	39.8	42.1	
LSD .05	7.1	5.0	6.5	5.0	6.2	9.9	6.8	

Seed Weight

	Carrington	Dickinson	Erie	Hettinger	Langdon	Minot	Williston	Average
<i>Yellow</i>	grams / 1000							
Trapper	91	120	116	114	98	136	--	113
Integra	256	262	255	224	264	261	--	254
Carneval	178	233	175	191	161	210	--	191
<i>Green</i>								
Atomic	286	287	272	250	268	276	--	273
Majoret	222	254	218	209	212	219	--	222
Scuba	208	239	187	180	209	226	--	208
Mean	207	233	204	195	202	221	--	

Days to First Flower

	Carrington	Dickinson	Erie	Hettinger	Langdon	Minot	Williston	Average
<i>Yellow</i>								
Trapper	53	63	49	--	61	57	56	57
Integra	47	59	42	--	55	54	51	51
Carneval	50	60	45	--	56	55	54	53
<i>Green</i>								
Atomic	50	61	44	--	56	56	54	54
Majoret	50	60	46	--	56	55	54	54
Scuba	46	59	41	--	52	50	50	50
Mean	49	60	45	--	56	55	53	
LSD .05	1	1	1	--	1	1	1	

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Harvest Ease/Lodge

	Carrington	Dickinson	Erie	Hettinger	Langdon	Minot	Williston	Average
<i>Yellow</i>	0 - 9 ; 0=good or none 9=poor or high							
Trapper	9.0	7.0	8.3	--	9.0	--	--	8.3
Integra	5.0	3.0	4.5	--	6.5	--	--	4.8
Carneval	5.0	3.0	4.5	--	7.0	--	--	4.9
<i>Green</i>								
Atomic	7.0	2.0	5.8	--	8.8	--	--	5.9
Majoret	5.8	4.0	4.8	--	8.0	--	--	5.7
Scuba	7.0	4.0	6.3	--	8.3	--	--	6.4
Mean	6.5	3.8	5.7	--	7.9	--	--	
LSD .05	1.0	2.0	1.4	--	0.9	--	--	

Seed Protein

	Carrington	Dickinson	Erie	Hettinger	Langdon	Minot	Williston	Average
<i>Yellow</i>	percent							
Trapper	33.1	--	--	--	29.0	32.2	26.7	30.3
Integra	23.0	--	--	--	22.7	24.5	22.4	23.2
Carneval	21.1	--	--	--	24.9	22.8	20.3	22.3
<i>Green</i>								
Atomic	20.7	--	--	--	23.6	23.2	20.8	22.1
Majoret	22.8	--	--	--	26.8	24.5	22.8	24.2
Scuba	21.5	--	--	--	21.0	24.0	19.9	21.6
Mean	23.7	--	--	--	24.7	25.2	22.2	
LSD .05	0.9	--	--	--	2.2	na	1.0	