

**NDSU Carrington Research Extension Center  
2007**

**Field Pea Variety Tolerance to Sclerotinia**

-- Sclerotinia Incidence -

Variety	Days to	2-yr.		Sclerotinia	Seeds/	1000	Test	Seed	Mean Yield of	Mean Yield	
	Bloom	2006.0	2007								Avg.
		-----	%	-----	0 to 10		gram	lb/bu	bu/ac		
DS Admiral	40.3	5.0	7.5	6.3	2.0	2974	154	62.0	39.4	141	108
Fusion	40.8	NA*	8.8	--	1.8	3045	150	61.8	19.0	68	112
SW Marquee	41.0	13.0	8.8	10.9	1.8	3734	122	62.2	30.8	110	98
K2	40.0	NA	10.0	--	2.5	3235	141	61.6	31.9	114	91
Medora	47.5	25.0	11.3	18.2	1.8	3479	131	61.7	26.7	96	51
Orka	41.5	33.0	13.8	23.4	3.0	1826	249	60.8	33.7	121	95
Miami	43.5	NA	15.0	--	2.3	3216	142	61.5	28.3	101	110
Matrix	47.8	18.0	16.3	17.2	2.8	2946	154	63.0	28.1	101	129
CDC Golden	42.0	NA	17.5	--	2.0	3772	120	61.9	27.4	98	102
SW Midas	43.3	NA	17.5	--	2.5	3677	124	61.5	33.7	121	119
SW Circus	40.0	18.0	20.0	19.0	1.8	3232	141	63.4	30.7	110	73
SW Capri	43.0	NA	22.5	--	2.8	3457	132	62.3	32.9	118	98
SW Salute	40.5	NA	22.5	--	2.0	3695	123	61.1	28.4	102	104
Tudor	47.0	NA	22.5	--	2.8	2560	177	62.7	36.3	130	108
CDC Mozart	41.3	23.0	25.0	24.0	3.0	3512	130	61.6	19.7	71	106
Cooper	49.5	13.0	26.3	19.7	5.3	2819	161	62.4	12.8	46	118
CDC Meadow	41.0	NA	27.5	--	2.5	3673	124	62.6	35.9	129	99
Polstead	42.8	NA	30.0	--	3.0	2760	165	61.9	22.3	80	132
CDC Striker	45.5	NA	32.5	--	4.0	2999	152	63.7	35.8	128	102
CDC Sage	47.3	NA	33.8	--	4.5	3894	117	62.4	15.9	57	76
Cruiser	41.8	30.0	35.0	32.5	4.0	3686	123	60.9	25.1	90	86
Eclipse	43.8	20.0	35.0	27.5	3.5	3303	138	62.0	22.0	79	103
Nitouche	42.3	NA	35.0	--	4.0	2775	164	62.6	31.5	113	92
Majoret	45.0	43.0	37.5	40.3	3.3	3673	124	62.4	26.2	94	90
Aragorn	39.5	NA	40.0	--	3.8	3839	119	60.2	24.6	88	84
Camry	43.5	NA	43.8	--	5.3	3281	140	60.7	21.0	75	104
Tamora	48.8	NA	53.8	--	7.0	2979	153	62.5	16.8	60	114
MEAN	43.4		23.7		3.0	3244	143	62.1	27.9		
C.V.%	2.1		74.1		62.5	6.9	6.6	1.1	30.8		
LSD.05	1.3		24.7		2.7	316	13.3	1.0	12.1		

**Planting Date = June 3 ; Previous Crop = Canola**

Sclerotinia Severity Scores: 0 to 10; 0 = no sign of infection to 10 = all plants with some level of infection.

\*NA - indicates variety was not in trial.