

YEAR/PROJECT: 1992/758 NATIONAL WINTER CANOLA VARIETY TRIAL

PERSONNEL: Leader - Leon Welty  
 Research Specialist - Louise Prestbye  
 In cooperation with Dr. Paul Raymer, Univ. of Georgia

Eighteen varieties of winter canola were seeded Aug.30, 1991 on fallow ground at 7 lbs/acre. No fertilizer was applied. Fall stand establishment was excellent, as was winter survival. The plants bloomed between May 2 and May 8, 1992 and matured between July 10 and July 14. At maturity, all plants in each plot were cut and bundled and, when dry, thrashed with a plot combine.

'Cascade' produced significantly less seed than any other variety. Of the named varieties, 'Capricorn', 'Apache' and 'Glacier' had the highest seed yields.

VARIETY	10/3/91 STAND %	3/25/92 SURV %	BLOOM May	MATURITY July	HEIGHT inches	YIELD lbs/a
KWC 4212	100	98	5	13	48	5630
EN 90-9	100	94	6	14	50	5438
Capricorn	100	96	5	14	46	5315
CC349	91	93	6	14	48	5308
Apache	100	98	6	14	48	5238
ES 89-7	100	98	5	13	51	5091
17/88	100	95	6	12	50	5061
Glacier	100	100	8	13	50	5041
Ceres	100	96	5	12	49	4945
EN 90-6	100	85	7	13	49	4796
ES 89-8	100	93	7	13	49	4743
SV0506	98	98	7	12	49	4696
Bridger	100	99	4	11	52	4685
CPB 89606	100	96	6	13	52	4661
ED 91-5	98	99	6	14	51	4506
SV0525	99	96	7	12	49	4458
Humus	99	98	2	10	45	4453
Cascade	100	100	3	10	46	3785
Means	99	96	5	13	49	4881
LSD(0.05)	2.8	4.6	1.2	1.8	3.7	601.6
P-VALUE	0.00	0.00	0.00	0.00	0.01	0.00
CV(s/mean)	2.0	3.4	15.0	9.9	5.3	8.7