

YEAR/PROJECT: 1990/758      SPRING RAPESEED VARIETY TRIAL

PERSONNEL: Leader - Leon Welty  
 Research Specialist - Louise Prestbye  
 In cooperation with Dr. Jim Sims, MSU

Nine varieties of spring rapeseed were planted on 4/26/89 at 7 lbs/acre. Tobin (a *B. campestris* variety) was first to flower on 6/18, and MLCPO35 was latest on 6/30. Tobin matured on 7/20, while DSVSR126 and MCLP035 matured on 8/10. Mature heights varied from 50 inches (MLCP035) to 41 inches (Legend). All plants from each plot were cut and bundled and thrashed when dry. A harvest area of 50 sq.ft. was used to determine yields. MLCPO08 produced significantly more seed than Hyola 41 and Tobin.

1990 SPRING CANOLA INTRASTATE YIELD TRIAL  
 Kalispell, MT

VARIETY	EMERG days 1/	5/31 VIGOR (0-5)	FIRST BLOOM days 2/	MATUR days 3/	HT in	YIELD lbs/a
MLCP008	11	2	62	105	48	2172
Westar	10	3	62	101	49	2155
DSVSR126	10	3	63	106	47	2026
Delta*	10	5	63	104	48	2005
Pactol*	11	3	63	105	46	2000
Pactol	11	2	63	105	44	1972
MLCP035	10	4	65	106	50	1944
Hyola 40	10	4	59	100	46	1890
Legend	10	3	59	103	41	1737
Hyola 41	10	4	59	98	44	1697
Tobin	10	4	53	88	42	1253
LSD(0.05)	0	1	1	2	4	475
P-VALUE	0.00	0.00	0.00	0.00	0.00	0.03
CV(s/mean)	2.1	20.4	0.9	1.5	5.4	17.3

Seeding date: 4/26/90 at 7 lbs/a  
 Fertilizer: 5/23/90 - 64 lbs N/a, 44 lbs P2O5/a, 20 lbs S/a

1/ Day 11 = 5/7  
 2/ Day 62 = 6/27  
 3/ Day 105 = 8/9

\* used for comprehensive testing