

Table 1: Plots planted in the Joehl trial.

Plot	Cultivar	Remarks
1	Wichita	No seed treatment.
2	Sumner	No seed treatment.
3	Flash	Prosper FX treated.
4	Hornet	Prosper FX treated.
5	Wichita	Prosper FX treated, S omitted.
6	Wichita	Prosper FX treated.

Table 2: Treatments, stands, and winter kill ratings for Joehl trial.

Plot	Cultivar	Remarks	Fall plants a ⁻¹	Spring plants a ⁻¹	Winterkill %
1	Wichita	No seed treatment.	263,296	135,520	48
2	Sumner	No seed treatment.	398,816	197,472	50
3	Flash	Prosper FX treated.	325,248	73,568	77
4	Hornet	Prosper FX treated.	201,344	162,624	20
5	Wichita	Prosper FX treated, S omitted.	212,960	185,856	13
6	Wichita	Prosper FX treated.	336,864	267,168	20
	Mean [†]		315,568	175,208	56

[†] Mean of plots 2, 3, 4, and 6.

Table 3: Yields from Joehl canola trial; numbers from nearest NWCVT location included for comparison

Cultivar	Yield (lb a ⁻¹)	
	Joehl Farms [†]	NWCVT Columbia City, IN [‡]
Flash		2,363
Hornet		2,456
Wichita		2,241
Sumner		2,269
Mean	[§]	—

[†] Single plot yields.

[‡] Mean yield from a three-replication RCBD experiment.

[§] Mean of plots 2, 3, 4, and 6.

Table 4: Yields from Holst Canola trial with NWCVT yields for comparison.

Cultivar	Yield (lb a ⁻¹)		
	Holst Farms	NWCVT Monmouth	NWCVT Urbana
Flash	3,035 [†]	1,331 [§]	2,700 [§]
Wichita	1,466 [†]	1,386 [§]	2,236 [§]
Dekalb blend	1,336 [‡]	—	—
Mean	1,945	—	—

[†] Bulk yield of four randomized, interspersed plots.

[‡] One plot.

[§] Mean yield from a three-replication RCBD experiment.

Table 5: Winter canola cultivar yield at Monmouth & Urbana.

Cultivar	Type	Yield, lb a ⁻¹	
		Monmouth	Urbana
Baldur	Hyb	1,219	1,527
Dimension	Hyb	1,159	1,929
Dynastie	Hyb	1,407	2,311
Flash	Hyb	1,330	2,700
Hybristar	Hyb	1,397	--
Hybrisurf	Hyb	985	--
HyClass 154 W	Hyb	1,521	2,173
Safran	Hyb	1,411	2,099
Sitro	Hyb	1,504	2,524
Visby	Hyb	1,558	--
DKW 41-10	OP	1,247	1,773
DWK 46-15	OP	1,483	1,318
DKW 47-15	OP	1,394	1,498
HyClass 110W	OP	1,419	--
HyClass 115W	OP	1,279	--
Kadore	OP	1,565	2,309
Kiowa	OP	1,171	1,660
Riley	OP	1,581	1,870
Sumner	OP	1,351	1,947
Virgina	OP	1,629	--
Wichita	OP	1,386	2,236
Overall mean		1,381	1,992
Hybrid mean		1,349	2,180
OP mean		1,409	1,826

Table 6: Production budgets

	Winter canola (OP)	Winter canola (hybrid)	Winter wheat
Revenue			
yield	1,617 lb a ⁻¹	1,765 lb a ⁻¹	84 bu a ⁻¹
price	\$0.25 lb ⁻¹	\$0.25 lb ⁻¹	\$7.69 bu ⁻¹
crop revenue	\$404 a ⁻¹	\$441 a ⁻¹	\$646 a ⁻¹
Costs, \$ a⁻¹			
<i>Direct costs</i>			
Seed	8	50	48
N fertilizer	81	81	81
Other fertilizer	0	0	0
Herbicide	8	8	8
Drying	2	2	2
Storage	2	2	2
Crop insurance	29	29	29
SUBTOTAL	130	172	172
<i>Power</i>			
Machine lease/hire	5	5	5
Machine repair	12	12	12
Machine depreciation	23	23	23
Light vehicle	1	1	1
Fuel and oil	20	20	30
Utilities	3	3	3
SUBTOTAL	64	64	64
<i>Overhead</i>			
Hired labor	9	9	9
Building repair & rent	4	4	4
Building deprec.	3	3	3
Insurance	29	29	29
Misc.	6	6	6
Interest (non-land	21	21	21
SUBTOTAL	72	72	72
Total indirect costs	136	136	136
Total non-land costs	266	308	308
Return to land & management	\$138	\$133	\$325