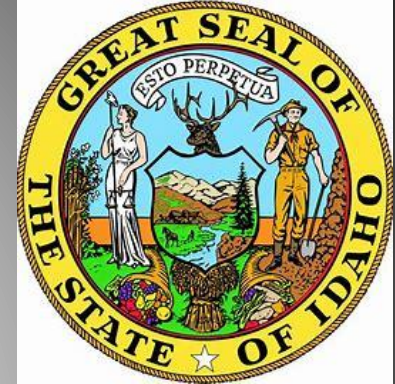


PNW CANOLA



PNW CANOLA ASSOCIATION 2026

MOSCOW IDAHO

Brian Caldbeck



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Hybrid Canola





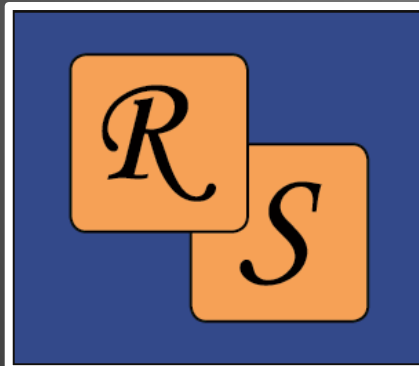
Germany



Canada



Germany



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Research For The Future



University of Idaho 2024-2025 PNW Winter Canola Variety Trial Summary including mean seed yield (lbs. per acre) and yield rank at Idaho and Washington sites, seed yield (lbs. per acre) and yield rank at individual sites, spring plant stand (visual scores on a scale of 0-9, with 9 indicating best survival and cover), flower date (days after January 1st), and plant canopy height at maturity (inches). Spring plant stand, flowering dates, and plant height were recorded in Moscow.

Variety*	Yield	Rank	Yield by Site								Spring Plant Stand	Flower Date	Plant Height		
			Cloverland, WA		Craigmont, ID		Genesee, ID		Moscow, ID					Odessa, WA	
			Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank				Yield	Rank
----- lbs per acre -----											- days -	- inches -			
Controls															
Athens	4358	12	3142	15	2576	18	6088	12	4839	25	5143	8	7.1	125	67
Ericka	3993	27	2790	26	2634	15	5836	15	4442	30	4261	29	6.2	123	62
Bayer Crop Science															
DK Exception	4904	5	3308	9	3334	4	6344	9	5945	6	5589	4	7.5	125	68
DK Exstorm	4989	4	3330	8	2827	11	7033	4	6673	1	5083	12	7.6	124	69
DK Sequel	4230	16	3993	1	3195	5	3129	30	5729	8	5095	11	7.2	123	68
CROPLAN															
CP1022WC	3821	30	2634	30	2076	29	5343	25	4985	23	4069	30	6.5	126	69
CP1066WC	4148	18	2966	19	2317	26	5341	26	5222	18	4892	16	5.7	127	74
CP1077WC	5315	2	3716	2	3697	1	7089	2	6640	2	5432	5	7.7	123	66
CP225WRR (RR)	4133	19	2801	25	2455	22	5437	21	5447	15	4526	27	7.4	125	65
CP320WRR (RR)	4383	11	3202	13	2586	16	6145	10	5187	19	4793	18	7.0	125	64
Kansas State University															
KSR4852S (RR/SURT)	4301	14	2878	22	2566	20	5761	17	5465	13	4836	17	7.1	126	67
KSR4854S (RR/SURT)	4117	20	2707	28	2331	25	5944	14	5020	20	4583	22	7.1	125	68
Surefire (SURT)	3949	29	2682	29	2044	30	5629	19	4772	27	4615	21	7.2	124	70
Photosyntech															
PST23YSD1410	4056	25	3225	12	2858	10	4266	28	5018	22	4916	15	7.9	123	61
PST248A1119	3964	28	2813	24	2581	17	5394	22	4470	29	4560	24	6.1	126	67
PST24RH1427	4001	26	2709	27	2443	23	5348	24	4970	24	4546	25	5.2	126	65
Rubisco Seeds															
Akilah	5201	3	3701	3	3341	3	6386	7	6391	3	6187	2	8.1	123	62
Clavier CL	4899	6	3383	7	3193	6	7372	1	5296	16	5251	6	7.7	124	70
Colin CL	4084	24	3243	11	2825	12	4149	29	5251	17	4952	14	6.9	126	63
Kicker	5394	1	3426	4	3654	2	7064	3	6341	4	6484	1	8.2	124	65
Mercedes	4798	7	3406	5	3166	7	5801	16	5900	7	5719	3	7.0	124	67
Messi	4090	23	3130	16	2294	27	4509	27	5533	11	4985	13	7.0	125	62
Phoenix CL	4780	8	3387	6	2883	9	6830	5	5676	9	5122	10	7.1	124	67
University of Idaho Canola															
16.WC.105.14.12	4316	13	3160	14	2336	24	6007	13	5546	10	4531	26	8.3	125	69
16.WC.106.6.7	4097	22	2955	20	2257	28	5367	23	4775	26	5132	9	7.2	126	61
Amanda	4262	15	3061	17	2572	19	5497	20	5472	12	4714	19	7.9	125	69
University of Idaho Industrial Rapeseed															
13.WI.7.7.5.13	4572	10	2990	18	2900	8	6363	8	5453	14	5154	7	7.2	125	70
13.WI.7.7.5.13 (Bulked)	4101	21	2845	23	2531	21	6098	11	4751	28	4279	28	7.7	126	69
Durolo	4657	9	3291	10	2709	13	6459	6	6126	5	4700	20	7.4	125	67
Impress (G2)	4178	17	2947	21	2653	14	5699	18	5019	21	4569	23	7.1	124	63
Average	4403		3127		2728		5791		5412		4957		7.2	125	67
LSD (p = 0.05)	238		536		535		759		970		624		1.1	1	7
C.V. (%)	12.8		12.2		12.2		9.3		12.7		8.9		11.1	0.4	7.4
Seeding Date			Sept 13 th		Sept 6 th and 9 th **		Sept 18 th		Sept 18 th		Sept 11 th				

* Herbicide Resistance Key: CL = Clefield, G2Flex and G2 = Group 2 herbicide tolerant, RR = Roundup Ready, SURT = sulfonylurea herbicide tolerant

** Half the trial in Cloverland was over-fertilized in the initial planting on September 6th and removed from the trial, lost plots were re-planted properly on September 9th.

University of ID Trial Snapshot 2025

Rubisco Seeds

Akilsh	5201	3	3701	3	3341	3	6386	7	6391	3	6187	2	8.1	123	62
Clavier CL	4899	6	3383	7	3193	6	7372	1	5296	16	5251	6	7.7	124	70
Colin CL	4084	24	3243	11	2825	12	4149	29	5251	17	4952	14	6.9	126	63
Kicker	5394	1	3426	4	3654	2	7064	3	6341	4	6484	1	8.2	124	65
Mercedes	4798	7	3406	5	3166	7	5801	16	5900	7	5719	3	7.0	124	67
Messi	4090	23	3130	16	2294	27	4509	27	5533	11	4985	13	7.0	125	62
Phoenix CL	4780	8	3387	6	2883	9	6830	5	5676	9	5122	10	7.1	124	67

University of Idaho Canola

16.WC.105.14.12	4316	13	3160	14	2336	24	6007	13	5546	10	4531	26	8.3	125	69
16.WC.106.6.7	4097	22	2955	20	2257	28	5367	23	4775	26	5132	9	7.2	126	61
Amade	4262	15	3061	17	2572	19	5497	20	5472	12	4714	19	7.9	125	69

University of Idaho Industrial Rapeseed

13.WI.7.7.5.13	4572	10	2990	18	2900	8	6363	8	5453	14	5154	7	7.2	125	70
13.WI.7.7.5.13 (Bulked)	4101	21	2845	23	2531	21	6098	11	4751	28	4279	28	7.7	126	69
Durola	4657	9	3291	10	2709	13	6459	6	6126	5	4700	20	7.4	125	67
Impress (G2)	4178	17	2947	21	2653	14	5699	18	5019	21	4569	23	7.1	124	63

Average	4403		3127		2728		5791		5412		4957		7.2	125	67
LSD ($p = 0.05$)	238		536		535		759		970		624		1.1	1	7
C.V. (%)	12.8		12.2		12.2		9.3		12.7		8.9		11.1	0.4	7.4

Seeding Date			Sept 13 th		Sept 6 th and 9 th **		Sept 18 th		Sept 18 th		Sept 11 th				
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Rubisco Private Trials 2025

Variety*	Yield	Rank	Genesee, ID		Moscow, ID		Odessa, WA		Fall Establishment	Spring	Flower Date	Plant Height
			Yield	Rank	Yield	Rank	Yield	Rank		Plant Stand		
<i>lbs per acre</i>												
16.WC.106.6.7	5208	22	5298	20	5471	24	4855	22	74.2	7.2	126.4	69.4
CC.VO.231586	5520	21	5368	17	6162	22	5021	20	70.4	6.9	123.9	67.4
CC.VO.2352	5878	16	5319	18	6823	11	5491	14	71.7	6.9	124.5	67.2
CC.VO.5321	6129	8	5796	11	7089	6	5502	13	65.2	6.5	123.8	67.9
DLS.2451	6764	1	6270	2	8102	1	5947	2	70.4	7.0	124.4	68.4
DLS2452	5990	12	6055	4	6748	13	5168	18	71.3	6.9	124.0	69.9
DLS2453	5950	14	5724	13	6702	14	5425	15	70.8	7.0	124.3	66.9
DLS2454	5777	18	5387	16	6330	18	5615	10	76.3	7.3	126.5	72.6
DLS2455	6259	5	5968	6	7037	9	5771	7	72.9	7.1	125.9	68.7
DLS2456	5839	17	6045	5	6336	17	5137	19	68.8	7.1	123.1	66.4
DLS2457	4924	24	3757	24	6189	20	4826	24	73.8	7.2	126.0	63.0
DLS2458	5043	23	4074	23	6125	23	4931	21	70.0	7.2	126.3	62.5
DLS2459	6424	2	6267	3	7078	8	5924	3	77.1	7.4	123.5	64.0
DLS2460	5756	19	5409	15	6470	16	5388	16	78.8	7.8	124.5	68.7
DLS2461	6215	7	6488	1	6563	15	5594	11	74.2	7.2	125.6	68.7
DLS2462	6068	10	5251	21	7093	5	5859	5	76.7	7.7	125.3	70.4
DLS2463	6250	6	5819	10	7248	4	5685	9	76.7	7.6	123.5	66.4
DLS2464	6019	11	5867	8	6307	19	5882	4	71.3	6.9	123.5	67.4
DLS2465	6319	4	5196	22	7318	3	6443	1	80.0	7.6	125.1	67.9
DLS2466	6413	3	5955	7	7546	2	5738	8	77.1	7.7	124.8	68.4
DLS2467	5966	13	5308	19	6781	12	5807	6	70.4	7.4	123.8	69.6
DLS2468	5700	20	5653	14	6171	21	5275	17	78.8	7.6	124.5	68.9
Mercedes	6097	9	5845	9	6900	10	5546	12	76.3	7.3	124.3	68.2
Phoenix.CL	5886	15	5738	12	7083	7	4837	23	69.6	6.9	124.9	66.2
Average	5933		5577		6736		5486		73	7	125	68
LSD (p = 0.05)	453		950		857		515		3.5	0.5	0.5	2.3

UI Variety Trial
Odessa, WA
December 2024



On Farm Strip Trials 2024-2025

	ALMIRA WA DF			ALMIRA WA FGF			MANSFIELD WA DS		
HYBRID	Yield lbs/ac.	Precipitation*	WUE bu/inch**	Yield lbs/ac.	Precipitation*	WUE bu/inch**	Yield lbs/ac.	Precipitation*	WUE bu/inch**
PHOENIX CL	3337.02	17.75	3.76	2788	17.75	3.14		14.00	
CLAVIER CL		17.75		2610	17.75	2.94		14.00	
COLIN CL		17.75		2628	17.75	2.96	2367.86	14.00	3.38
KICKER	3602.21	17.75	4.05		17.75			14.00	
MERCEDES		17.75			17.75		2380.06	14.00	3.40
AKILAH	3475.14	17.75	3.91		17.75		2641.43	14.00	3.77
DRIFTER	3259.67	17.75	3.67	2866	17.75	3.23	2622.89	14.00	3.75
PICARD	3011.05	17.75	3.39		17.75			14.00	
MESSI		17.75		2665	17.75	3.00	2553.50	14.00	3.65
MANHATTAN		17.75			17.75		2593.14	14.00	3.70
MEAN	3337.01	17.75	3.76	2711.4	17.75	3.05	2526.48		3.60











PHOENIX CL WINTER CANOLA

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Bottom line, we want to see farmers grow a successful crop and reach highest yields possible

HYBRID TECHNOLOGY MEETS HYBRID AGRONOMY®

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info@rubiscoseeds.com
270-903-4994: Claire
270-316-4316: Brian

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**SEEDS**
Hybrid Canola

***PHOENIX CL** is a non-GM, two-gene Clearfield winter canola hybrid with excellent tolerance to post applied Beyond® herbicide. Phoenix CL shows consistent yield stability due to its fall growth vigor and its quick recovery during spring development. Phoenix CL is an early maturing hybrid with enhanced pod shattering resistance and an excellent disease resistance package.*

KEY CHARACTERISTICS

- Vigorous fall growth, strong deep tap root
- Superior yield potential for high yielding environments, higher rainfall areas /irrigation
- Early Maturity and Resistance to lodging
- Very High oil content
- High germination and purity rate
- Excellent Resistance to disease and pod shattering
- Two gene Clearfield hybrid, ideal for re-cropping following Clearfield Wheat or pulse crops
- Strong cross tolerance to Immy/SU herbicides
- Developed by





COLIN CL **CLEARFIELD WINTER CANOLA**

Photo reflects significantly below average trial height at 5ft. Moscow, ID

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COLIN CL is a non-GM, semi-dwarf, two-gene Clearfield winter canola hybrid with excellent tolerance to post applied Beyond® herbicide. Colin CL is a short stature, low biomass hybrid, combining excellent cold tolerance with good standability and enhanced pod shatter resilience. This package is useful in regions susceptible to high winds and stressful environments at maturity. In addition, Colin CL has shown tolerance to acidic soils in research trials.

KEY CHARACTERISTICS

- Two gene Clearfield hybrid, ideal for re-cropping following Clearfield Wheat or pulse crops
- Strong cross tolerance to Immy/SU herbicides. Can be sprayed post emergence with Beyond® herbicide.
- Enhanced pod shatter tolerance
- Excellent winter-hardiness
- Semi-dwarf, low biomass hybrid
- Exhibits tolerance to acidic soils
- Medium Maturity and Resistance to lodging
- Very High oil content
- High germination and purity rate



CLAVIER CL CLEARFIELD WINTER CANOLA

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CLAVIER CL is a non-GM, two-gene Clearfield winter canola hybrid with excellent tolerance to post applied Beyond® herbicide. Clavier CL has excellent cold and drought tolerance with medium to early maturity. It demonstrates good plant health, has solid resistance to Blackleg, and very high yield and oil potential. Clavier CL is suitable for cold dry winter canola environments. It is noted for its exceptional fall vigor and establishment.

KEY CHARACTERISTICS

- Two gene Clearfield hybrid, ideal for re-cropping following Clearfield Wheat or pulse crops
- Strong cross tolerance to Immy/SU herbicides. Can be sprayed post emergence with Beyond® herbicide.
- Medium resistance to pod shatter
- Excellent winter-hardiness and plant health at maturity
- Medium Maturity and Resistance to lodging
- Very High oil content
- Blackleg Resistance



MERCEDES (NPZ1005)

CONVENTIONAL HYBRID WINTER CANOLA



• PRODUCT, EQUIPMENT,
AGRONOMY SUPPORT

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farmers grow a successful
crop and reach highest
yields possible

• HYBRID TECHNOLOGY
MEETS
HYBRID AGRONOMY®

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more information
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270-903-4994
270-316-4316

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MERCEDES is a new entrant to the winter canola market. Regarded as an early maturity conventional winter canola hybrid with excellent winter hardiness Mercedes has consistently delivered above average yields in all US winter canola growing regions since 2011.

KEY CHARACTERISTICS

- High yield potential
- Plot winner in PNW and Southern Great Plains research trials
- Excellent winter hardiness
- Early maturity
- Good standability
- Responsive to fungicides in humid environments
- Good blackleg resistance
- Typical height 50" - 60"
- High germination and purity
- High oil content
- Adaptable to wide row production
- Large canopy hybrid – excellent interlocking for direct harvesting
- Developed by 



**RUBISCO
SEEDS LLC**

Supplier of Premium Crop Genetics



KICKER WINTER CANOLA

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270-316-4316: Brian



KICKER is a Non-Genetically Modified winter canola hybrid considered a benchmark for mid to late season stalk and canopy health. Combined with excellent fall vigor and robust cold tolerance, Kicker demonstrates strong tolerance to pod shattering and ease of harvest to deliver above average seed yields.

KEY CHARACTERISTICS

- Robust plant health via new Blackleg RlmS resistance gene in conjunction with exceptional tolerance to Verticillium, Sclerotinia and Alternaria.
- "Stay green" characteristics for better drought tolerance and high yield potential.
- Vigorous fall growth above and below ground
- Medium Maturity
- Prostrate Crown development for excellent winter hardiness
- Medium height and excellent standability
- Very high oil content and excellent test weight
- High germination and purity rate
- Developed by 

AKILAH WINTER CANOLA

BUSHEL IN THE BIN

Bottom line, we want to see farmers grow a successful crop and reach highest yields possible


**HYBRID
TECHNOLOGY
MEETS
HYBRID
AGRONOMY®**

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270-903-4994: Claire
270-316-4316: Brian

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Hybrid Canola

AKILAH is a new non-GMO winter canola hybrid stacked with Turnip Yellow Virus (TuYV) resistance and extremely robust blackleg resistance, conferring the next level in plant health, and yield potential, coupled with excellent winter hardiness.

KEY CHARACTERISTICS

- A new generation of high-yielding hybrids with Turnip Yellow Virus resistance (TuYV), robust drought and stress tolerance, and improved pod integrity at maturity.
- New Blackleg RlmS gene ensures strong plant health with immunity to Verticillium, Sclerotinia, and Alternaria.
- Vigorous fall growth above and below ground
- Medium Maturity
- Prostrate Crown development for excellent winter hardiness
- Medium height and excellent standability
- Excellent oil content and excellent test weight
- High germination and purity rate
- Developed by 

New Hybrids

- Drifter
- Janosh
- Carlson CL

Priorities For Winter Canola Breeders

- Cold Tolerance
- Drought Tolerance
- Yield / Harvest Index
- Oil Content
- Protein Content
- Oil Profile Manipulation
- Speed and Ease of Harvest
- Shatter Tolerance
- Disease Resistance

Thank you
&
Continued Success with **CANOLA**
In THE PACIFIC NORTH WEST



Brian Caldbeck: Caldbeck Consulting LLC

brian.caldbeck@caldbeckconsulting.com



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Hybrid Canola