



High level of isolation on hybrid canola seed production to ensure Non-GMO status

## COLETTE CL ...#1 Clearfield for Yield + Oil

- Excellent yield and standability. +16.7% higher yield above mean at Langdon, ND (NDSU-CVT 2023)
- Very high oil, +7% above mean at Langdon, ND (NDSU-CVT 2023)
- Eligible for Non-GMO premium contracts
- Two-gene Clearfield hybrid \*compatible for use in Clearfield production rotations. Has strong cross tolerance to Imi/SU herbicides. Can be sprayed post emergence with Beyond herbicide.
- Blackleg resistant
- Wide area of adaptation: ND, MT, WA, OR, ID

## RUB0924CL

- High yield potential hybrid with excellent oil content
- Two-gene Clearfield hybrid\*
- Pod Shatter (POSH) tolerance
- Blackleg and Clubroot resistance
- Very early maturity spring canola hybrid
- Excellent vigor and standability
- Eligible for Non-GMO premium contracts
- Wide area of adaptation: ND. MT. WA. OR. ID

## CHIP CL

- High yield potential hybrid, ranked #2 Clearfield Non-GMO in NDSU-CVT'23
- Two-gene Clearfield hybrid\*
- Blackleg and Clubroot resistance
- Excellent vigor and standability
- Very early maturity spring canola hybrid, 85 day physiological maturity
- Eligible for Non-GMO premium contracts
- Wide area of adaptation: ND, MT, WA, OR, ID

### 2023 Clearfield Spring Canola Variety Trial, NORTH DAKOTA

Data courtesy: NDSU Langdon Research Extension Center

Company/ Brand	Hybrid	CL Yield Rank	Oil <sup>1</sup> (%)	Yield <sup>1</sup> (lb/a)	Type <sup>2</sup>	Blackleg <sup>3</sup>	Cover <sup>4</sup> (%)	Days to 1st Flower	Flower Duration (days)	Days to Maturity	Plant Height (inches)
Rubisco Seeds	COLETTE CL	1	44.8	3040	CL	R	87	43.0	19.7	88.8	55.5
Rubisco Seeds	CHIP CL	2	42.0	2734	CL	R	88	39.0	23.5	85.0	51.3
Photosyntech	PSTSC0742 CL	3	41.4	2636	CL	MR	84	49.5	18.5	92.3	59.2
Photosyntech	PSTSC1159 CL	5	41.1	2282	CL	MR	89	52.5	17.4	93.7	60.1
Dyna-Gro	DG280 CLC	4	44.4	2603	CL	R	92	44.0	16.6	84.8	50.7
<b>Trial Mean</b>			<b>42.0</b>	<b>2604</b>			81	43.1	19.9	88.3	52.7
C.V. %			1.3	10.6			6.2	2.7	5.7	1.8	5.0
LSD 5%			0.8	397			7.2	1.7	1.6	2.3	3.8
LSD 10%			0.7	329			6.0	1.4	1.4	1.9	3.1

**Planting Date:** May 25, 2023 **Harvest Date:** September 1, 2023 **Previous Crop:** Soybean **Soil Type:** Svea-Barnes **No lodging in the trial**

<sup>1</sup>8.5% moisture. <sup>2</sup>All hybrids are traditional oil types and commercially available. CL-Clearfield, LL-Liberty Link, TF-Roundup Ready TruFlex. <sup>3</sup>Blackleg rating provided by company. <sup>4</sup>% Cover-Visual rating of percent area of plot covered by plant growth. This is a measure of stand and vigor. Plants were at 5-6 leaf stage.

General Inquiries: 270-903-4994  
Agronomic Support: 270-316-4316  
Email: [info@rubiscoseeds.com](mailto:info@rubiscoseeds.com)  
Website: [www.rubiscoseeds.com](http://www.rubiscoseeds.com)



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## 2024 MONTANA SPRING VARIETY TRIAL: OIL & YIELD SUMMARY BY LOCATION

CARC= Central Ag Research Center, Moccasin, MT

EARC= Eastern Ag Research Center, Sidney, MT

NARC= Northern Ag Research Center, Havre, MT

NWARC= Northwestern Ag Research Center, Kalispell, MT

Company/Brand	Hybrid	Oil % <b>MOCCASIN</b> (CARC)	Yield lbs/ac <b>MOCCASIN</b> (CARC)	Oil % <b>SIDNEY</b> (EARC)	Yield lbs/ac <b>SIDNEY</b> (EARC)	Oil % <b>HARVE</b> (NARC)	Yield lbs/ac <b>HARVE</b> (NARC)	Oil % <b>KALISPELL</b> (NWARC)	Yield lbs/ac <b>KALISPELL</b> (NWARC)
Rubisco Seeds	COLETTE CL	38.1	460	45.7	1235	42.8	1935	48.5	1157
Rubisco Seeds	CHIP CL	35.0	325	44.0	1589	41.0	2101	47.7	1440
<i>Trial Mean</i>		35.0	428	44.2	1740	41.5	2114	47.3	1675
<i>C.V. %</i>		3.35	29.8	2.73	11.3	2.78	8.957	1.85	17.65
<i>LSD</i>			180		278.8		265.6		414.7
<i>Pr(&gt;F)</i>			0.001		<0.001		<0.001		<0.001
<b>Irrigation (inches)</b>		none		3.32		none		none	
<b>Tillage</b>		No-till		conventional		No-till		conventional	
<b>Row Spacing (inch)</b>		12		9		12		6	
<b>Seeding date</b>		4/22/24		5/16/24		4/16/24		4/24/24	
<b>Harvest date</b>		8/14/24		8/16/24		8/2/24		9/9/24	
<b>Note</b>		Hail damage at Moccasin on early flowering, partial recovery							

*All Montana State Data courtesy Simon Fordyce, Trial Coordinator*

## 2025 MONTANA SPRING VARIETY TRIAL: OIL & YIELD SUMMARY BY LOCATION

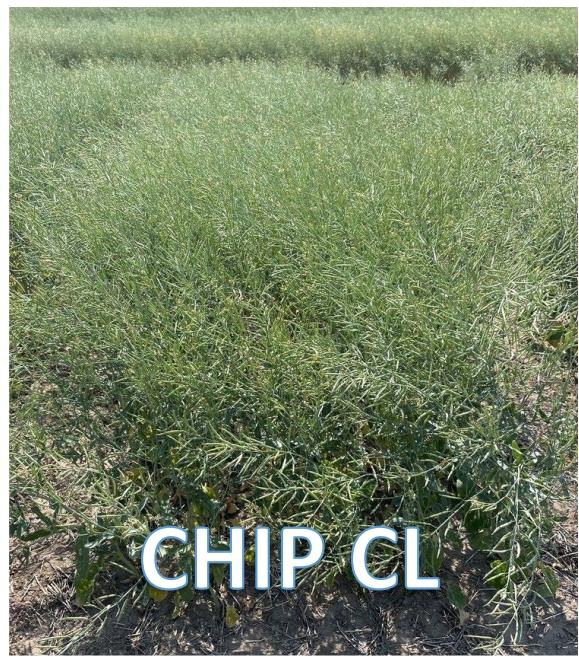
Company/Brand	Hybrid	Oil % <b>MOCCASIN</b> (CARC)	Yield lbs/ac <b>MOCCASIN</b> (CARC)	Oil % <b>SIDNEY</b> (EARC)	Yield lbs/ac <b>SIDNEY</b> (EARC)	Oil % <b>HARVE</b> (NARC)	Yield lbs/ac <b>HARVE</b> (NARC)	Oil % <b>KALISPELL</b> (NWARC)	Yield lbs/ac <b>KALISPELL</b> (NWARC)
Rubisco Seeds	RUBCL0225	50.4	2185	50.5	2391	40.2	1913	49.9	3116
Rubisco Seeds	RUBCL0924	48.3	2243	48.6	2426	38.0	2052	49.1	3191
<i>Trial Mean</i>		48.6	2281	49.9	2566	39	2224	49.7	3267
<i>C.V. %</i>		2.47	13.99	1.30	250.6	1.60	138.6	1.24	8.733
<i>LSD</i>		1.71	454.2	1.8	6.8	2.9	4.4	0.880	<i>Non-Significant</i>
<i>Pr(&gt;F)</i>		<0.001	0.015	<0.001	<0.001	<0.001	<0.001	<0.001	0.061



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**CHIP CL**

Data and images courtesy-  
The McGregor Company Research  
Station, Colfax, Washington State

**2024 Spring Canola Variety Trial, Colfax, WA**

Company/Brand	Variety	Yield (lbs/ac)	Stand (% 6/24)	Plant Height (in)	Maturity
Rubisco Seeds	CHIP CL	2069	95	42	MID
Rubisco Seeds	RUBAE EXP	1990	93	42	EARLY
Rubisco Seeds	COLETTE CL	1675	78	47	LATE
Rubisco Seeds	RUBAE 874	920	55	37	MID
Photosyntech	NCC101S	867	40	36	MID
Rubisco Seeds	RUBAE 224	410	14	34	EARLY
Planted 4/19/2024	<i>Trial Mean</i>	1321.7	62.3	39.4	
	<i>CV %</i>	16.1	10.3	2.6	



**COLETTE CL**

**2024 PNW SPRING CANOLA VARIETY TRIAL (Data courtesy University of Idaho)**

Hybrid	Yield lbs/ac	Bonniers Ferry, ID	Davenport, WA	Dayton, WA	Genesee, ID	Grangeville, ID	Moscow, ID	Pullman, WA	Rockford, WA
		<i>Yield</i>	<i>Yield</i>	<i>Yield</i>	<i>Yield</i>	<i>Yield</i>	<i>Yield</i>	<i>Yield</i>	<i>Yield</i>
COLETTE CL	1465	1969	1364	1616	1448	287	1593	2587	854
CHIP CL	1397	1818	1276	1616	1375	241	1635	2273	941
RUBAE 874	1324	1836	1078	1663	1441	358	1451	1815	956
RUBAE 224	1282	1879	979	1569	1341	298	1493	1702	993
<i>Mean Trial</i>	1713	1713	988	1522	1175	346	1327	1508	606
<i>LSD (P=0.05)</i>	159	452	399	225	194	165	229	295	330
<i>CV %</i>	18.9	18.8	23.1	9.0	7.9	28.0	9.7	10.0	23.1
Seeding Date		4/16/24	4/23/24	4/17/24	4/22/24	4/25/24	4/22/24	4/18/24	4/19/24

**2025 PNW SPRING CANOLA VARIETY TRIAL (Data courtesy University of Idaho)**

Hybrid	Yield lbs/ac	Anatone, WA	Davenport, WA	Dayton, WA	Genesee, ID	Grangeville, ID	Moscow, ID	Potlatch, ID	Rockford, WA
		<i>Yield</i>	<i>Yield</i>	<i>Yield</i>	<i>Yield</i>	<i>Yield</i>	<i>Yield</i>	<i>Yield</i>	<i>Yield</i>
RUB0225CL	993	278	915	1021	1298	507	955	1386	731
RUB0924CL	925	310	726	1248	1271	486	887	1286	626
CHIP CL	785	265	786	1009	1224	199	562	1061	591
COLETTE CL	613	115	434	1099	922	228	287	818	502
<i>Mean Trial</i>	891	407	748	1161	1275	359	681	1252	568
<i>LSD (P=0.05)</i>	31.6	96.19	233.49	237.58	370.79	153.84	221.89	428.97	274.30
<i>CV %</i>	35.9	16.7	22.2	14.6	20.6	30.5	23.2	24.3	34.1
Seeding Date		5/6/25	4/18/25	4/29/25	4/28/25	4/22/25	5/1/25	4/23/25	5/7/25

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## 2025 WSU SPRING CANOLA VARIETY TRIAL *(Data courtesy Washington State University)*

Hybrid	Mayfield, WA	Pullman, WA	Pullman, WA	Reardan, WA	Reardan, WA	Walla Walla, WA	Walla Walla, WA
	<i>Yield lbs/ac</i>	<i>Yield lbs/ac</i>	<i>2-year average</i>	<i>Yield lbs/ac</i>	<i>2-year average</i>	<i>Yield lbs/ac</i>	<i>2-year average</i>
<b>CHIP CL</b>	<b>1465</b>	<b>2820</b>	<b>1708</b>	<b>1079</b>	<b>1066</b>	<b>1008</b>	<b>1401</b>
<b>COLETTE CL</b>	<b>830</b>	<b>2440</b>	<b>1616</b>	<b>727</b>	<b>755</b>	<b>454</b>	<b>1084</b>
<b>RUB0225CL</b>	<b>1192</b>	<b>3045</b>		<b>1062</b>		<b>871</b>	
<b>RUB0924CL</b>	<b>1383</b>	<b>3546</b>	<b>2259</b>	<b>1130</b>	<b>1034</b>	<b>1014</b>	<b>1516</b>
<i>Mean Trial</i>	<i>1426</i>	<i>2954</i>		<i>1060</i>		<i>912</i>	
<i>LSD (P=0.05)</i>	<i>578</i>	<i>940</i>		<i>175</i>		<i>373</i>	
<i>CV %</i>	<i>25</i>	<i>20</i>		<i>12</i>		<i>29</i>	
<b>Seeding Date</b>	<b>4/24/25</b>	<b>4/24/25</b>		<b>4/25/25</b>		<b>4/23/25</b>	
<b>Note</b>	Seeded at 375,000. Yields at Walla Walla should be interpreted with caution due to uneven stand establishment caused by repeated row unit plugging while seeding						



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