



PHOTOSYNTECH

RESEARCHING TOMORROW'S CROPS

**PNW CANOLA ASSOCIATION AGM 2026
MOSCOW IDAHO**

NCC 101 S.... 12 years of data

Include a Premium Spring Canola in your 2026 Rotation:
Contact your Local Retailer
for Early Ordering Discounts



NCC101S:
#1 Revenue Generating
Spring Canola Hybrid in
the PNW for 11 Years



Hybrid Spring Canola

NCC101S is a very early maturity conventional non-GMO spring canola hybrid with exceptional yield potential in shorter season spring canola environments as evidenced by its consistency in yield trials in targeted growing regions since 2013. Suitable for both direct harvesting and swathing.

KEY CHARACTERISTICS:

- Vigorous Early Season Establishment
- High Yield Potential, Good Oil Content
- Very Early Maturity, Short Stature, Excellent Standability
- Defensive Hybrid for Short Season Environments
- Responsive to Fungicides in Humid Environments
- High Germination and Purity
- Rated Moderately Resistant to Blackleg
- All NCC101S Seed Lots are Certified Blackleg Free
- Excellent Resistance to Shattering
- Eligible for Non-GMO Premiums

**PTO For Technical Information +
Multiple Year Yield Data**

INQUIRIES - AGRONOMY SUPPORT:
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WSU TRIALS 2025

2025 Washington State University Small Plot Spring Canola Variety Trial Summary

Company	Variety	Herbicide Trait	Mayview	Pullman	Pullman	Reardan	Reardan	Walla Walla	Walla Walla
			2025 Yield	2025 Yield	2-Year Average	2025 Yield	2-Year Average	2025 Yield	2-Year Average
BASF	L330PC	LL	1293	3228^A		1249^A		779	
BASF	L333PC	LL	1530	3421^A		943		1107	
BASF	L340PC	LL	1421	3406^A	2187	1096^A	1221	888	1499
BASF	L345PC	LL	1607	2685^A	1927	1249^A	1249	979	1615
BASF	LR344PC	TF + LL	1677^A	3056^A	2062	1090[*]	1080	891	1450
BASF	LR354PC	TF + LL	1799^A	3108^A	2063	1141^A	1254	966	1476
BrettYoung Seeds	BY7202LL	LL	845	3155^A		1016		1016	
BrettYoung Seeds	BY7204LL	LL	1280	3338^A		1056		1057	
BrettYoung Seeds	BY7206LL	LL	1152	3285^A		1107^A		861	
Canterra Seeds	CS2600 CR-T	TF	1600	2465	1749	1048	1142	799	1681
Canterra Seeds	CS3000 TF	TF	1579	2314	1635	1019	1077	777	1326
Canterra Seeds	CS3300 TF	TF	2196^A	3357^A	2107	1028	1217	1560^A	1887
Canterra Seeds	CS4000 LL	LL	1172	3050^A	2015	1084[*]	1081	977	1470
CROPLAN	CP9221TF	TF	1658^A	2810^A	1836	1024	1235	1158	1609
CROPLAN	CP9551TF	TF	1882^A	2445		1178^A		994	
CROPLAN	CP9978TF	TF	1588	2230	1647	975	1116	475	1311
DynaGro	DG 280 CLC	CL	1361	2972^A	1907	1084[*]	1177	889	1361
DynaGro	DG 661 LCM	LL	1415	2869^A	1902	965	1013	1045	1568
DynaGro	DG 783 TCN	TF	1728^A	2246		1041		924	
Photosyntech	NCC101S	CV	1784^A	3129^A	2051	1192^A	1146	908	1603
Photosyntech	NCC2504B	CV	1356	3332^A		1158^A		964	
Photosyntech	NCC-25-T2-07	AT	1139	3165^A		908		622	
Photosyntech	NCC-25-T2-412	AT	591	2925^A		960		659	
Rubisco Seeds	CHIP CL	CL	1465	2820^A	1708	1079[*]	1066	1008	1401
Rubisco Seeds	COLE TTE CL	CL	830	2440	1616	727	755	454	1084
Rubisco Seeds	RUB CL 0225	CL	1192	3045^A		1062		871	
Rubisco Seeds	RUB CL 0924	CL	1383	3546^A	2259	1130^A	1034	1014	1516
LSD 0.05			578	940		175		373	
CV%			25	20		12		29	

2 yr average

All yields are reported in lbs. per acre. Bolded values with superscript letters indicate no significant difference from the highest yield at the 0.05 level.

Herbicide traits: LL - LibertyLink, TF - RoundUp Ready TruFlex, AT - Atrazine, CL - Clearfield, CV - no herbicide trait.

Yields at Walla Walla should be interpreted with caution due to uneven stand establishment caused by repeated row unit plugging while seeding

NCC 2504 B

- Imi Tolerant Short Season Hybrid.
- Enhanced Oil Content.
- Fast ground cover
- Medium Plant Height
- Rotational flexibility

- **2025 Trials were promising, beating NCC101S in multiple locations. Limited commercial area for 2026**

Triazine Tolerant Spring Canola

- PNW is not immune to weed resistance
- Triazine tolerant hybrids offer interesting weed resistance management.
- PNW has a significant amount of lower pH soils which aid reduction of triazine carry over

The numbers!!

Summaries of Italian ryegrass and common lambsquarters control 56 days after planting and canola yield.

Canola Cultivar	Herbicide Treatment*	Rate	Timing	Italian Ryegrass 17-Jun	Common Lambsquarters 17-Jun	Canola Yield 18-Aug
				% of nontreated		lb/A
NCC-25-TZ-07	Aatrex 4L	56 fl oz/A	Preemergence	69 a	96 b	2210 a
NCC-25-TZ-07	Nontreated	---	---	0	0	2004 a
NCC-25-TZ-07	Aatrex 4L	28 fl oz/A	Preemergence + Postemergence	71 a	100 a	2181 a
NCC-25-TZ-412	Aatrex 4L	56 fl oz/A	Preemergence	65 a	94 c	2176 a
NCC-25-TZ-412	Nontreated	---	---	0	0	2144 a
NCC-25-TZ-412	Aatrex 4L	28 fl oz/A	Preemergence + Postemergence	16 b	100 a	2045 a

Atrazine Carryover...



Untreated Right

Treated Left

Atrazine Carryover...



Research conducted by WSU

Dr. Mark Thorne

Dr. Drew Lyon

Photosyntech Winter Canola

- Multiple hybrids in Trials.
- Novel genetics to the PNW introduced in 2025
- *Recommendations will be data driven.*



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THANK YOU!

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