



AVONDALE LENTIL



Characteristics

Yield	High Potential
Type	Small Green
Height	Medium
Maturity	Medium

AVONDALE Lentil

ND Eagle lentil was released in 2016. The North Dakota Crop Improvement and Seed Association has rights to production and distribution of seed. ND Eagle is an Eston-type small green lentil. ND Eagle has high yield potential in North Dakota environments based on 2011-2017 NDSU lentil trial results. ND Eagle has excellent agronomic performance. It has a semi-erect plant habit with average plant height. ND Eagle flowers and matures one to two days earlier than check varieties. ND Eagle has high seed quality with no observations of speckled variants. Seed size for ND Eagle is within the acceptable range of the small green lentil market class. To help ensure genetic purity, this variety is protected under Plant Variety Protection Title V and must be sold as a class of certified seed.

STRENGTHS

- Excellent agronomic performance
- High seed quality



Lentils Dryland Variety Trial - NDSU

Variety	Days to Flowering (DAP ¹)	Days to Maturity (DAP ¹)	Plant Height (in)	1000 Kernel Weight (g)	Protein [†] (%)	Test Weight [‡] (lb/bu)
AVONDALE	54.75	94.50	13.58	47.60	0.00	61.06
CDC Richlea	55.75	94.50	13.68	46.77	0.00	61.26
Pennell	57.00	94.75	12.11	56.35	0.00	59.35
ND Eagle	54.25	94.00	12.01	36.24	0.00	62.64

Variety	Yield [#] 2017	Yield [#] 2018	Yield [#] 2019	Yield [#] 2-Yr Avg*	Yield [#] 3-Yr Avg**
AVONDALE	1044	937	2661	1799	1547
CDC Richlea	814	1125	2600	1862	1513
Pennell	656	711	1537	1124	968
ND Eagle	899	907	2583	1745	1463

[†]Protein adjusted to 0% moisture.

^{*}Yield reported on a 13.5% moisture basis.

¹DAP = Days after planting.