

## Plant Quality Certified Seed

Certified seed is field inspected and lab analyzed to help ensure variety identity, germination and purity. Contact your local seed producer or dealer for quality certified seed.

Seed producers or dealers can be found in the North Dakota Field Inspected Seed Directory. The directory is available from the North Dakota State Seed Department (NDSSD), your NDSU Extension agent or under the field seed program of the NDSSD website.

[www.ndseed.com](http://www.ndseed.com)



Varieties protected under PVPA with Title V option can only be sold as a certified class of seed. **It is the responsibility of the buyer and/or seller to confirm the PVP status of a specific crop variety prior to buying or selling the variety.** PVP status information can be obtained from the NDSSD.

## Lentil acres planted in the United States, 2013-2017\*

Year	Acres
2017	1,104,000
2016	933,000
2015	493,000
2014	281,000
2013	362,000
<b>5 Year Avg</b>	<b>634,600</b>

*\*USDA FASS reported acres planted*


## Contact information:

### Foundation seed

**NDSU** FOUNDATION SEEDSTOCKS [ndfss.com](http://ndfss.com)  
701-231-8140

Agronomy Seed Farm, Casselton 701-347-4743  
Carrington Research Ext. Center 701-652-2951  
Langdon Research Ext. Center 701-256-2582  
North Central Research Ext. Center 701-857-7679  
Williston Research Ext. Center 701-774-4315

### Registered/Certified seed

 **North Dakota CROP IMPROVEMENT & SEED ASSOCIATION** [ndcropimprovement.com](http://ndcropimprovement.com)  
701-838-6213  
701-231-8067

 **ND STATE SEED DEPARTMENT** [ndseed.com](http://ndseed.com)  
701-231-5400



## ND Eagle Lentil



# ND Eagle Lentil

ND Eagle was released from the North Dakota Agricultural Experiment Station in 2016. The North Dakota Crop Improvement and Seed Association (NDCISA) has a license agreement with the NDSU Research Foundation to produce and distribute ND Eagle 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.

In trials from 2011-2017 ND Eagle produced an average seed yield of 1746 lb/acre across all trials compared to 1735 lb/acre for CDC Viceroy.

ND Eagle has excellent agronomic performance. It has a semi-erect plant habit with average plant height 35 cm compared to 36 cm for CDC Viceroy. ND Eagle flowers and matures one to two days earlier than check varieties and has significantly higher yield than Essex.

ND Eagle has high seed quality with less seedcoat speckling than other popular varieties. Seed size for ND Eagle is within the acceptable range of the small green lentil market class. It is slightly smaller than Essex and slightly larger than CDC Viceroy.

To help ensure genetic purity, ND Eagle lentil will be protected under Plant Variety Protection Act Title V and must be sold as a class of certified seed.

# ND Eagle

## General Characteristics

- Small green lentil
- Excellent agronomic performance
- High seed quality

## North Dakota lentil variety trials, 2016-2017.

Variety	Market Class*	First Flower (days)	Seed Yield (lb/acre)
CDC Viceroy	SG	53	1325
<b>ND Eagle</b>	<b>SG</b>	<b>51</b>	<b>1290</b>
CDC Rouleau	SR	55	1378
CDC Red Rider	SR	54	1366
CDC Richlea	MG	54	1320
CDC Greenland	LG	55	1248
Riveland	LG	52	1124

\*SG=small green, SR=small red, MG=medium green, LG=large green.

## Agronomic comparison of ND Eagle and CDC Viceroy, 2011-2017.

Trait	ND Eagle	CDC Viceroy	% of Viceroy
Seed Yield (lb/a)	1746	1735	101
Days to First Flower	54	56	96
Days to Maturity	89	91	98
Plant Height (cm)	26	27	95
Protein (%)	25	26	95
1000 Seed Weight (g)	36	32	113

## Lentil acres planted in North Dakota, 2013-2017\*

Year	Acres
<b>2017</b>	270,000
<b>2016</b>	305,000
<b>2015</b>	165,000
<b>2014</b>	75,000
<b>2013</b>	129,000
<b>5 Year Avg</b>	<b>188,800</b>

\*USDA FASS reported acres planted



**For additional information** about ND Eagle and other lentil varieties, visit <http://www.ag.ndsu.edu/crops>. To contact the extension agronomist call 701-231-7971.