



## 2022 Otis Dry Bean Strip Trial Results

Variety	Source	Traits	Yield <sup>a</sup>		Seeds/Pound	Moisture	Physiological Maturity
			lb/ac	lb/bu			
ND Palomino	North Dakota State Univ.	Slow-Dark	<b>2807</b>	59	1154	10	94
Windbreaker	Seminis	-	<b>2780</b>	57	1064	10	92
SV6139GR	Seminis	-	<b>2675</b>	59	1124	10	91
NE2-18-3	University of Nebraska	-	<b>2655</b>	56	981	11	96
StayBright	Trinidad-Benham	Slow-Dark	2365	62	1184	11	94
NE2-17-37	University of Nebraska	Slow-Dark	2278	58	1210	10	94
<b>Average</b>			<b>2593</b>	<b>58</b>	<b>1119</b>	<b>10</b>	<b>93</b>
<sup>b</sup> LSD (0.30)			158				
<sup>b</sup> LSD (0.05)			325				
Coefficient of Variation (CV)			6.8				

<sup>a</sup>Yields corrected to 14% moisture.

<sup>b</sup>Farmers selecting a variety based on yield should use the LSD (0.30) to protect from false negative decisions. Companies or researchers may be interested in the LSD (0.05) to avoid false positive conclusions. Yields in bold were in the top LSD yield group.

### Site Information

Collaborator: Corman Family Farms  
 Planting Date: June 7, 2022  
 Harvest Date: September 28, 2022  
 Soil Type: Haxtun sandy loam  
 Fertilizer: N at 50, P at 32 lb/ac  
 Herbicides: Valor at 1 oz/ac, Moccasin at 16 oz/ac, and Prowl at 32 oz/ac  
 Eptam at 2 pt/ac applied via chemigation on June 29th and July 20th  
 Basagran at 12 oz/ac, Clethodim at 10 oz/ac, and Raptor at 4.2 oz/ac applied July 4th  
 Insecticides: bifenthrin at 6 oz/ac applied July 4th  
 Acephate applied on July 19th  
 Fungicides: Copper sulfate applied July 19th  
 Trial Comments: Excellent plant stands and weed control throughout the season. Desiccant sprayed on September 20th. All plots were direct-harvested with a combine equipped with a flex-header.

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