

Peas Dryland Off-Station Variety Trial - NDSU

Divide County, ND 2019

Variety	1000 Kernel Weight	Protein [†]	Test weight	Yield [#]		
				2019	2-Yr Avg	3-Yr Avg
	(g)	(%)	(lb/bu)	------(bu/a)-----		
<i>Yellow Cotyledon Type</i>						
Agassiz	221.0	26.3	62.4	61.8	53.5	46.0
Nette 2010	227.0	24.0	63.9	53.1	43.2	37.0
NDP 121587	221.1	23.6	63.2	53.7	-	-
CDC Saffron	233.5	26.2	63.3	61.2	-	-
CDC Treasure	205.2	24.0	64.4	51.7	-	-
SW Midas	201.3	24.7	63.3	51.2	-	-
Hampton	216.6	26.9	61.8	49.3	-	-
<i>Green Cotyledon Type</i>						
Arcadia	206.2	23.7	62.7	52.2	47.4	42.5
Majoret	226.7	26.7	63.4	56.9	42.5	-
CDC Striker	232.2	26.6	63.7	47.4	-	-
Aragorn	197.9	25.6	62.4	46.1	-	-
Cruiser	185.2	25.1	63.0	45.2	-	-
Mean	214.5	25.3	63.1	52.5	-	-
CV (%)	3.7	1.9	0.7	11.7	-	-
LSD (5%)	13.4	0.8	0.8	10.4	-	-
LSD (10%)	11.1	0.7	0.6	8.6	-	-

Location: Crosby, ND; Latitude 48° 8' N; Longitude 103° 18' W; Elevation 2044 ft.

Planted: 05/06/2019

Previous crop: spring wheat

Soil test (0-6"): P=14 ppm; K=362 ppm; OM=3.0%.

Harvested: 8/21/2019

(0-24"): NO3-N=14 lb/a.

Soil type: Farnuf-Alkabo

Applied fertilizers in lb/a: none

[†]Protein adjusted to 0% moisture.

[#]Yield reported on a 13.5% moisture basis.

¹DAP = Days after planting.

Herbicide Applications: Spartan Charge @ 4oz/a with RT3 @ 32 oz/a (5/6/2019);

Basagran @ 1pt/a with Secure @ 8 oz/a (6/25/2019)