

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Divide County Field Pea VT - NDSU

WREC, Divide County, ND - 2017

Variety	Protein ¹		1000 Seed Weight	Test Weight	Yield		
	2017	2-Yr Avg*			2017	2-Yr Avg*	3-Yr Avg*
	-----%-----				(bu/a)	(bu/a)	(bu/a)
Green Cotyledon							
Arcadia	24.5	19.8	229	61.3	32.5	36.3	-
Hampton	26.1	21.6	255	61.6	28.9	30.0	-
Yellow Cotyledon							
Agassiz	25.4	21.6	231	60.3	31.0	41.8	45.1
DS Admiral	25.6	20.1	281	61.3	24.3	34.2	39.5
EarlyStar	24.1	-	233	60.6	30.2	-	-
Nette	24.3	-	241	63.7	28.5	-	-
Mean	25.0	-	245.0	61.45	29.25	-	-
CV (%)	2.9	-	8.3	0.9	7.8	-	-
LSD (5%)	NS	-	NS	NS	4.16	-	-
LSD (10%)	NS	-	NS	NS	3.39	-	-

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

Planted: 5/5/2017

Harvested: 8/17/2017

Previous crop: Durum

Soil type: Farnuf-Alkabo

Soil test (0-6"): N/A

(0-24"): NO₃-N=24 lb/a

Applied fertilizer in lb/a: 4.95 N : 18 P : 4.5 K Broadcasted ; seed inoculated with peat-based inoculant at planting

Chemical Applications: Spartan Charge at 3 oz./a and RT3 at 12 oz./a with AMS and NIS (Preplant) on 5/5/2017

Protein¹ = Protein content adjusted to 0% moisture

*Average of years 2014, 2016, and 2017

Drought stress is suspected factor effecting lack of significance