



# 2018 South Dakota Field Peas Variety Trial Results Blunt

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**Cooperator:** Raleigh Leesman  
**Location:** Blunt, SD  
**Soil Type:** Silt Loam  
**Fertilizer:** NA  
**Previous crop:** Corn  
**Tillage:** No-till  
**Row spacing:** 10"  
**Seeding Rate:** 350,000 PLS/acre  
**Herbicide:** Broadaxe  
**Fungicide:** NA  
**Date seeded:** 4/23/2018  
**Date harvested:** 7/23/2018  
**Notes:** This project is supported by funding from the South Dakota Pulse Council

Table 1. 2018 field pea variety performance trial results (average of 4 replications) at Blunt, SD§.

Variety	Height (in)	Test Wt (lbs)	Protein (%)	2018 (bu/a)	2 year¶ (bu/a)	3 year¶ (bu/a)
AAC Asher	20	52.5	22.4	<b>54</b>	-	-
AAC Carver	21	<b>61.4</b>	21.7	47	35	39
AAC Chrome	24	54.9	22.4	<b>56</b>	-	-
AAC Comfort	24	<b>59.3</b>	23.9	49	-	-
AAC Profit	21	<b>61.3</b>	<b>26.2</b>	<b>58</b>	-	-
Agassiz	19	<b>59.6</b>	24.4	53	<b>42</b>	<b>41</b>
Bluemoon	22	55.8	24.3	53	40	38
Bridger	21	<b>62.1</b>	23.3	48	38	40
CDC Amarillo	26	<b>60.7</b>	23.3	50	37	38
CDC Dakota	28	56.7	<b>26.9</b>	<b>56</b>	-	-
CDC Greenwater	26	57.6	22.9	51	<b>44</b>	-
CDC Inca	24	57.9	<b>25.4</b>	<b>57</b>	39	-
CDC Saffron	17	<b>59.3</b>	<b>24.6</b>	52	37	39
CDC Spectrum	28	54.8	24.4	51	-	-
CDC Striker	23	59.1	<b>24.7</b>	48	<b>40</b>	35
DS-Admiral	19	58.9	21.9	52	<b>41</b>	<b>40</b>
Durwood	28	58.4	<b>24.9</b>	58	<b>43</b>	<b>41</b>
Earlstar	20	59.0	20.6	52	36	<b>40</b>
Empire (SGL 7647)	27	57.8	23.5	53	-	-
Ginny	18	59.3	23.7	46	35	-
Gunner	17	<b>59.7</b>	23.4	49	-	-
Hyline	22	54.3	23.4	40	<b>41</b>	37
Jetset	22	58.0	<b>25.0</b>	<b>54</b>	40	<b>40</b>
Korando	20	58.4	<b>26.0</b>	<b>60</b>	38	37
LG Amigo		56.0	24.1	<b>54</b>	<b>44</b>	-
LG Koda	30	54.6	21.6	<b>57</b>	34	-
LG Sunrise	22	59.3	<b>24.8</b>	<b>54</b>	-	-
Majestic	25	<b>61.2</b>	<b>24.9</b>	47	38	38
Mystique	23	56.6	<b>24.8</b>	51	34	38
Navarro	16	<b>61.6</b>	23.5	48	40	34
Nette 2010	16	56.9	22.5	<b>55</b>	39	<b>40</b>
Pro 093-7410 (experimental)	18	57.6	20.0	52	-	-
Pro 131-7123 (experimental)	22	58.6	24.4	42	-	-
Pro 133-6243 (experimental)	26	58.6	23.4	<b>54</b>	-	-
Salamanca	25	58.4	<b>26.3</b>	51	38	39
Shamrock	16	<b>61.6</b>	23.8	48	<b>40</b>	-
Spider	12	58.9	<b>25.4</b>	52	38	<b>41</b>
SW Arcadia	18	<b>61.7</b>	21.3	48	39	38
SW Midas	22	59.1	22.3	50	<b>41</b>	39
Viper	27	<b>60.4</b>	24.1	45	33	33
Trial Average	22	58.4	23.8	51	39	38
LSD (0.05)†	-	5.7	1.9	11	7	6
C.V. %‡	-	6	5	13	18	18

§ Values in bold rank in the top third of all varieties for each category

† Value required ( $\geq$ LSD) to determine if varieties are significantly different from one another.

‡ C.V. is a measure of variability or experimental error, 15% or less is acceptable.