

Table: 2017 Spring pea variety trial Moccasin, MT.

Variety	Plant Count ft ²	Flower Date		Plant Height in	Vine Length in	Lodging Score ¹ 0-9	Grain Yield ² bu/ac	Test Weight lb/bu	1000 Kern. Wt g
		cal	jul						
Yellow Cotyl. Type									
AAC Carver	11.3	19-Jun	170.2	20.9	22.4	0.8	13.7	65.9	160.3
AC Earlystar	9.0	21-Jun	172.2	21.4	23.1	2.0	15.2	65.5	152.2
CDC Amarillo	9.4	22-Jun	173.2	19.7	21.7	0.5	12.4	65.7	163.0
CDC Inca	8.9	23-Jun	173.8	21.2	22.8	<u>0.2</u>	16.5	65.8	151.4
CDC Meadow	5.7	22-Jun	172.8	21.3	22.9	2.2	15.8	66.4	152.3
CDC Saffron	8.0	21-Jun	171.8	20.8	22.4	0.5	16.5	66.8	145.3
CDC Treasure	8.3	20-Jun	171.0	<u>23.0</u>	<u>24.6</u>	2.8	18.0	66.2	161.5
Delta	8.9	20-Jun	171.5	16.1	17.0	4.5	13.3	66.9	158.0
DS Admiral	8.1	22-Jun	172.5	21.6	23.7	<u>0.2</u>	19.3	64.7	186.8
Jetset	10.2	21-Jun	172.2	20.5	22.3	1.0	20.4	65.3	174.4
Navarro	9.6	16-Jun	166.8	18.4	20.3	4.0	10.2	66.0	194.4
Nette 2010	10.8	19-Jun	170.0	20.6	22.4	2.5	19.2	66.6	178.5
Green Cotyl. Type									
Aragorn	9.7	20-Jun	170.5	17.5	19.3	4.5	13.1	64.8	146.9
Arcadia	11.8	22-Jun	172.5	15.4	16.7	6.2	14.6	65.8	133.0
CDC Greenwater	11.0	24-Jun	174.8	17.8	19.7	1.0	12.7	64.8	161.1
CDC Patrick ³	6.2	26-Jun	177.0	18.5	20.9	2.2	10.9	65.9	138.2
CDC Raezer	7.0	22-Jun	173.5	20.4	22.4	2.2	19.2	65.6	178.4
Hampton ³	9.6	21-Jun	171.8	15.4	17.2	2.2	10.6	66.3	153.2
Majoret	10.0	22-Jun	172.8	19.8	21.4	0.8	14.0	65.8	164.9
Mean	8.9	21-Jun	171.7	19.4	21.2	2.3	15.2	65.8	162.4
CV%	14.2	-	0.9	8.2	8.9	65.1	19.7	0.4	5.4
LSD (0.05)	1.8	-	2.1	2.2	2.7	2.1	NS ⁴	0.4	12.5
P-Value	<0.0001	-	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

¹ Lodging score: 0 = All plants upright; 9 = All plants prostrate.

² Adjusted to 13% moisture.

³ Up to 30% harvest loss.

⁴ LSD considered non-significant when grain yield CV% > 15

Bold indicates top-performing cultivar(s) in a column

Bold indicates cultivar performing statistically equivalent to top-performing cultivar(s)

Seeding Date: 4/19/17