



VUA™

ALLIANCE SEED CDC 5845



CDC 5845 offers yellow pea growers increased yield potential, improved seed coat breakage as well as an excellent protein bump to meet the mark with end user demand.

CDC 5845 strengths:

- High yield; Increased yield at 104% of the average of the checks
- Improved seed coat breakage compared to checks
- Protein 0.9% vs the CDC Amarillo check
- MR to Fusarium Root Rot

CDC 5845 neutral traits:

- 92 days to maturity
- 74 cm vine length, slightly taller than the 71 cm checks



2025 MCVET Pea Trials

Variety	Yield % of check	Relative Maturity ¹	Relative Vine Length	Seed Size (TKW)	Lodging	Powdery Mildew	Mycosp- haerella	Fusarium Wilt ²	Seed coat		
									Green ³	Breakage	Dimpling ⁴
AAC Carver	100	Early	L	240	G	VG	F	I	G	G	G
AAC Profit	99	Mid	M	230	G	VG	F	I	G	F	G
AAC Chrome	105	Long	M	240	G	VG	F	I	G	G	G
CDC Lewochko	100	Long	L	230	VG	VG	F	I	G	G	G
CDC 5845 VUA	99	Long	L	236	VG	VG	F	MR	G	G	G

¹ Relative maturity ratings compared to check AAC Carver determined at Manitoba trial sites, Maturity equal or up to 2 days later consider early, 5 days plus considered long. ² Fusarium Root Rot- MR-Moderate Resistance, I=Indeterminate ³ Green seed coats: G = 0-10%; F = 11-25% ⁴ Seed coat dimpling rating: VG = 0-5%; G = 6-20%; F = 21-50% For Protein data on Peas please go to Seed Manitoba online: A number of new varieties are participating in a Variety Use Agreement (j). If producers purchase a j variety and divert some of that grain at harvest for seed use, they will be invoiced a Variety Use Fee for use of the seed. Ask your retailer about your obligations to the Variety Use Agreement (j) when purchasing seed M=Medium, L=Late, VL Very Late, G=Good, VG = Very Good, P=Poor, VP= Very Poor, F=Fair, R=Resistant, MR-Moderately, I=Intermediate Resistance, MS =Moderately Susceptible, S=Susceptible, E=Early, M=Medium L=Late VL=Very Late

2025 SKVPG Pea Trials

Variety	Yield Relative to CDC Amarillo				Relative Maturity	Lodging ³	Vine Length (cm)	Resistance To					Seed weight (g/1000)	
	1, 2 & South ³	North 3 & 4	Irrigation	Protein (%)				MB ⁴	Powdery Mildew	Fusarium Root Rot	SCB ⁵	SCD ⁶		Green-ess
CDC Amarillo	100	100	100	23.8	M	2.9	85	3.9	R	MR	F	F	G	230
AAC Chrome	106	104	-	-1.2	M	0.7	75	0.0	R	I	G	G	G	240
CDC Meadow	93	90	91	0.0	E	0.8	85	0.7	R	I	G	G	G	220
CDC Inca	103	101	103	-0.2	M	0.2	85	0.2	R	I	G	G	F	230
AAC Carver	102	100	-	-1.5	E	0.6	85	0.5	R	I	G	F	G	240
CDC 5845 VUA	106	107	-	0.3	M	0.2	90	0.2	R	MR	G	G	G	240

M=Medium, L=Late, VL Very Late, G=Good, VG = Very Good, P=Poor, VP= Very Poor, F=Fair, R=Resistant, MR-Moderately,

I=Intermediate Resistance, MS =Moderately Susceptible, S=Susceptible, E=Early, M=Medium L=Late VL=Very Late

³ Lodging Score(1-9) where 1 = completely upright, 9=completely lodged ⁴ Mycosphereilla blight score (1-9) 1=no disease, 9= completely blighted.

⁵ Seed Coat Breakage. ⁶ Seed Coat Dimpling VG=0.5%, G=6-20%, F=21-50%

2025 ABRVT Pea Trials

Variety	Overall Yield	Brown Irrigated Yield (%)	Brown Yield (%)	Black Short Yield (%)	Black Mid Yield (%)	Grey Wooded Yield (%)	Protein (%)	Maturity Rating	Vine Length (cm)	TSW (g)	Standability ³ (1-9)	Mycosph aerella Blight ⁴	Fusarium Root Rot	SCB ⁵	SCD ⁷	Green Seed Coat
CDC Amarillo (check)	100	100	100	100	100	100	23.8	M	85	230	2.9	3.9	MR	F	F	G
AAC Carver	104	xx	99	102	104	110	-1.3	E	85	240	3.5	4.4	I	G	F	G
AAC Chrome	109	xx	xx	xx	108	xx	-1.2	M	75	240	3.6	3.9	I	G	G	G
AAC Ardill	103	xx	106	107	103	98	-1.3	M	85	230	3.7	4.1	MR	G	G	G
CDC Lewochko	103	xx	98	104	104	103	0.9	M	90	230	1.6	4.5	I	G	G	G
CDC 5845 VUA	105	xx	xx	103	109	xx	0.3	M	90	240	3.1	4.1	MR	G	G	G

E= Early, M=Medium, L=Late, VL Very Late, G=Good, VG = Very Good, P=Poor, VP= Very Poor, F=Fair, R=Resistant, MR-Moderately,

I=Intermediate Resistance, MS =Moderately Susceptible, S=Susceptible ³ Standability 1=erect, 9=flat.

⁴ Mycosphereilla blight score (1-9) 1=no disease, 9= completely blighted. ⁵ Seed Coat Breakage. ⁷ Seed Coat Dimpling VG= very good(0-5%),

G=good (6-20%), F=fair (21-50%) Green Seed Coat" G=good (0-10%), F=fair (11-25%)