SOIL AND CROP SCIENCES
COLORADO STATE UNIVERSITY

2025 Dryland Black-Eyed Pea Variety Performance Trial at Akron

CROPS TESTING PROGRAM

Variety or Accession	Origin	Yield[a]	2-Yr Average Yield	Moisture
		lb/ac	lb/ac	percent
CB5	USA, California	**1229**	1484	12.0
Cp 4906	Portugal	**1223**	1303	12.7
Cp 5556	Portugal	**1137**	1347	12.4
Gorda	Puerto Rico	1030	1220	12.5
524B	USA, California	957	1137	12.4
UCR24	USA, California	942	1091	12.8
Vg 72	Portugal	881	1076	12.0
TVu-14253	Botswana	880	-	11.5
CB46	USA, California	809	1124	12.4
UCR5385	USA, California	796	-	12.0
CB50	USA, California	615	925	12.7
CB77	USA, California	468	920	12.5
	Average	**914**	**1163**	**12.3**
	[b]LSD (0.30)	136		
	[b]LSD (0.05)	262		
	Coefficient of Variation (CV)	10.5%		

[a]Yields corrected to 14% moisture.

[b]Farmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

*Test weight not recorded due to insuffucient sample size at harvest

Site Information

Collaborator:	Central Great Plains USDA-ARS Station
Planting Date:	June 2, 2025
Harvest Date:	October 2, 2025
Fertilizer:	3 gal/ac 10-34-0 in furrow at planting.
Herbicides:	Jun 26th: Gatlin 9.0oz/Ac + Brigade 2EC 3.0 oz/Ac + Tapran 2.0 Sept. 26th Defoliation: Sharpen 2.0 oz/AC + Tapran 4.0 pts/100 + AMS 10#/100 gal.
Soil Type:	Rago Silt Loam
Trial Comments:	Seeds were planted 1" deep into excellent moisture. Plots received great and timely moisture throughout the season (15.02").

The data included in this table may not be republished without permission. Contact Jason Webb (jason.webb@colostate.edu) or Sally Jones-Diamond (sally.jones@colostate.edu).