



2022 Dryland Cowpea Variety Performance Trial at Akron

Variety or Accession	Origin	Yield ^a	Test Weight	
		lb/ac	lb/bu	percent
TVu-14253	Botswana	812	59	10
UCR 5275	Australia	789	52	11
CB46	USA, California	688	49	11
CB27	USA, California	671	47	12
524-B	USA, California	666	47	11
UCR 24	USA	607	47	12
CB5	USA, California	580	52	11
Gorda	Puerto Rico	573	48	11
UCR 5385	Italy	561	57	10
Vg50	Portugal	535	50	11
Cp 5556	Portugal	522	48	11
Cp 4906	Portugal	520	47	11
1393-1-2-3(-)	USA, California	504	50	11
Vg72	Portugal	481	47	11
CB3	USA, California	445	48	10
Vg56	Portugal	430	51	10
CB5-2	USA, California	410	46	11
Tvu-9651	Egypt	345	52	12
TVu-1811	Puerto Rico	288	53	12
Average		549	50	11
^b LSD (0.05)		156		

^aYields corrected to 14% moisture.

^bSignificant differences were determined using an alpha level of 0.05, which protects against false positives (concluding treatments are different when they are actually the same).

Site Information

Collaborator: Central Great Plains USDA-ARS Station
 Planting Date: June 10, 2022
 Harvest Date: September 16, 2022
 Herbicides: Pre-Plant Burdown: Sharpen at 1 oz/ac and Roundup at 24 oz/ac
 Pre-Emerge: Spartan at 2.5 oz/ac and Dual Magnum at labeled rate
 Post-Emerge: Permit at 0.6 oz/ac
 Soil Type: Weld silt loam
 Trial Comments: Trial planted into excellent moisture and heavy wheat residue. Excellent stands. Radar estimates showed the trial received about 6 inches of rain from planting to harvest and 10.3 inches since January 1st, which is 75% of the ten-year average (year-to-date).

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