

Kidney Bean Variety Performance Trial at Fort Collins¹ in 2007.

Variety	Yield lb/ac	Seed Wt seeds/lb	Flowering days	Rust	Desirability†	Maturity days
				Score 1 to 6‡		
3296	1487	1307	46.3	4,5	10	87
CO 28855	1303	1111	47.0	5,6	9	95
GTS-104 DRK	1258	1172	46.0	4,5	8	90
L697153	1196	1247	45.3	5,6	8	90
CO 28851	1194	1108	46.0	5,6	9	95
CELRK	986	995	42.0	3,4	6	80
Red Hawk	885	1155	43.7	3	7	80
Sacramento	798	981	42.0	5,6	6	80
Average	1138	1135	44.8			
LSD _(0.30)	155	37	1.9			
CV (%)	15.5	3.7	4.9			

¹Trial conducted at the Agricultural Research, Development and Educational Center; seeded 6/7 and harvested 9/21 with a Hege combine.

‡ 1=no bean rust symptoms, 2=necrotic flecks, 3=small pustule, 4,5,6=pustules greater than 300-500 µm in diameter (USDA rating)

† 10= Excellent; 8=Commercial; 6=Not commercial quality

Site Information

Fertilization: 25 lbs N acre⁻¹ and 40 lbs P acre⁻¹

Cultural Practices: Fall 2006 - Deep ripped, disked; Spring 2007 - plowed, roller-harrowed (2x), leveled, corrugated

Herbicide: Preplant - Eptam incorporated by rotary hoe; Mid-Season - Raptor, Select, Basagran, Outlook incorporated by irrigation

2008 Irrigation

June 13 0.90"

June 18 1.75"

June 26 1.75"

July 5 1.50"

July 12 1.50"

July 20 1.75"

Aug 13 1.75"

Aug 22 1.75"

Total = 12.65"