



## 2022 Irrigated Dry Bean Variety Performance Trial at Kirk

Variety	Source	Traits	Yield <sup>a</sup> lb/ac	Test		
				Weight lb/bu	Seeds/Pound Moisture percent	
USDA Rattler	Kelley Bean	-	<b>3375</b>	60	1065	12
PT9-5-6	USDA-ARS, Prosser, WA	-	<b>3144</b>	60	1258	12
Charro	Michigan State Univ.	-	2813	61	1260	13
PT16-9	Kelley Bean	Slow-Dark	2542	60	1203	14
DRWood	Colorado State Univ.	-	2374	58	1422	17
ND Falcon	North Dakota State Univ.	-	2342	57	1377	13
ND172568	North Dakota State Univ.	Slow-Dark	2285	60	1138	14
BASIN	USDA-ARS, Prosser, WA	-	2208	60	1238	12
ND Palomino	North Dakota State Univ.	Slow-Dark	2206	59	1223	12
PT20-16	USDA-ARS, Prosser, WA	-	1989	61	1228	11
Croissant	Colorado State Univ.	-	1830	60	1187	11
Centennial	Colorado State Univ.	-	1775	59	1342	17
<b>Average</b>			<b>2407</b>	<b>59</b>	<b>1245</b>	<b>13</b>
<sup>b</sup> LSD (0.30)			283			
<sup>b</sup> LSD (0.05)			554			
Coefficient of Variation (CV)			14.3			

<sup>a</sup>Yields corrected to 14% moisture.

<sup>b</sup>Farmers selecting a variety based on yield should use the LSD (0.30) to protect from false negative decisions. Companies or researchers may be interested in the LSD (0.05) to avoid false positive conclusions. Yields in bold were in the top LSD yield group.

### Site Information

Collaborator: TK Farms  
 Planting Date: June 13, 2022  
 Harvest Date: September 16, 2022  
 Soil Type: Haxtun sandy loam  
 Trial Comments: Excellent plant stands and good weed control throughout the season. Desiccant sprayed on September 8th. All plots were direct-harvested with a combine equipped with a flex-

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