

Regional Dry Bean Nursery

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Phelps Dodge Farm, Cooperator Hereford, Arizona

Elevation: 4200 feet

Crop History:

Planted: June 18, 1981

Seeding Rate: 70 lbs. of inoculated bean seed per acre.

Previous Crop: Fallow

Herbicides: None

Insecticides: One application of Sevin was made for bean beetles on Aug. 5, 1981.

Fertilization: 25 units of N from Nitro-Sol were applied in irrigation water on Aug. 11.

Irrigation: Five irrigations of four inches each were applied in addition to about eight inches of rainfall.

Plot Size: 3' x 11'

Entry	Type	Yield (grams/plot)				Ave Yield (grams)	Yield ^{1/} (lbs/A)
		Rep I	Rep II	Rep III	Rep IV		
77125	G.N.	999	1143	1112	1401	1164	3384a
K0227	R.M.	-	1297	1144	1024	1155	3353ab
B. Beauty	Black	1209	1135	1165	1050	1140	3315ab
K0 158	S.W.	898	1028	1176	1077	1045	3033abc
76067	G.N.	966	962	1184	883	999	2905abcd
KR 42	R.M.	731	1319	849	878	944	2745 bcde
Ebony	Black	1075	866	894	882	930	2704 bcdef
Captain	S.W.	719	900	1056	820	874	2541 cdefg
K0 125	S.W.	764	1057	-	765	862	2506 cdefgh
KL 10	G.N.	853	779	828	934	849	2468 cdefgh
D 76035	S.W.	924	826	723	910	846	2460 cdefgh
K0 5z3	Pink	786	726	890	967	842	2448 cdefgh
GH 48z	S.W.	811	723	876	837	812	2361 cdefgh
Admiral	S.W.	649	898	882	815	811	2358 cdefgh
Valley	G.N.	753	779	930	769	808	2349 cdefgh
U.I. 36	R.M.	-	716	741	942	800	2326 cdefgh
K0 425	G.N.	679	865	816	783	786	2285 defgh
Harris	G.N.	693	770	852	794	777	2259 defgh
Star	G.N.	810	717	813	760	775	2253 defgh
D 76063	S.W.	774	722	719	850	766	2227 defgh
D 77216	R.M.	732	879	667	750	751	2201 defgh
Ul 114	Pinto	706	787	823	692	752	2186 defgh
GH 11	S.W.	738	808	673	740	740	2152 defgh
Sanilac	S.W.	653	730	835	730	737	2143 defgh
U.I. 59	G.N.	839	613	672	743	717	2085 etgh
GH 927	G.N.	632	586	791	806	705	2050 efgh
Bosn	S.W.	477	769	768	797	703	2044 efgh
K0 526	Pink	619	624	667	711	655	1904 fgh
Viva	Pink	680	609	557	615	615	1788 gh
GH 934	G.N.	583	776	515	556	608	1768 gh
K0 123	S.W.	529	604	540	667	585	1701 h

^{1/}Yields followed by the same letter are not significantly different at the .05 level by the Student-Newman-Keuls' Test.