

R9810: Roza 1998 light red kidney Root Rot Trial

Line	Growth habit	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Root disease (1-9)	Desirability *****
USWA-33	bush	1828	4	15	3	2	8	****
H9666-9	bush	1692	4	14	4	3	8	*****
H9659-23	vine	1429	3	16	2	4	8	*
H9659-27	vine	1383	4	16	4	4	8	**
H9667-42	vine	1293	4	16	4	4	8	*
H9667-72	vine	1270	4	14	4	6	8	
USLK-2	bush	1172	4	12	3	4	8	
Red-Kloud	bush	1113	3	13	4	3	6	
IJR	vine	1064	4	14	4	7	8	
CELRK	bush	1045	2	11	3	4	7	
Kardinal	bush	1006	4	17	2	3	6	***
H9666-1	bush	1005	3	12	3	4	7	
I9566-32-1-2-1	vine	888	6	18	4	4	6	
H9667-78	bush	853	6	14	4	5	7	
USLK-1	bush	845	2	12	2	4	8	
H9659-11	vine	795	2	12	4	6	8	
K93621	bush	765	5	15	4	5	8	
K93653	bush	701	6	14	4	4	7	
H9659-17	vine	608	3	11	4	6	7	
OT9632-12	bush	596	5	10	4	6	7	
Red-Kanner	bush	592	6	16	4	5	7	
USLK-3	bush	541	6	14	4	5	7	
I9566-38-5-1	bush	358	2	10	4	5	8	
I9566-32-1-1-1	vine	283	7	18	4	4	6	

K93629	bush	146	7		5	7	7
Mean		931	4	14	4	5	7
LSD 0.05		355	1.4	2.0	1.1	1.5	1.8
CV%		26	24	7	21	23	18

Scores of 1-9 where by 1 = best and 9 = worst

Maturity of 1-7 where by 1 = early and 7 = late

R9811: Roza 1998 dark red and white kidney Root Rot Trial

Line	Growth habit	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Root disease (1-9)	Desirability *****
Dark red kidneys								
H9659-41	vine	1444	6	15	3	3	8	*
H9657-13	bush	1063	2	10	2	2	8	***
H9667-63	bush	1058	4	15	4	3	8	*
H9659-39	vine	1045	4	14	4	3	8	
SVM-2242	bush	934	2	10	2	3	8	
H9667-45	vine	857	4	14	3	3	7	*
I9566-33-3-2-1	bush	845	4	14	4	4	8	*
I9566-33-3-2-2	bush	809	4	15	5	3	6	*
I9566-34-5-2	bush	808	4	13	4	4	7	**
USWA-39	bush	793	6	14	4	4	6	
Montcalm	bush	748	5	15	5	3	7	
CDRK	bush	742	3	13	4	4	6	
Red-Hawk	bush	734	4	14	4	4	7	
I9566-33-3-2	bush	683	4	13	4	4	7	*
H9667-68	bush	647	5	14	3	4	7	*
H9667-56	bush	644	4	15	3	4	7	
USDK-5	bush	518	4	12	4	4	6	
H9667-59	bush	504	5	14	4	5	8	
Drake	bush	492	4	12	4	5	6	
OT9641-191-1	bush	401	4	12	4	5	7	
USDK-4	bush	345	6	12	4	5	7	
I9566-36-4-1	bush	342	6	12	6	6	7	
I9566-12-6-2	bush	288	5	13	6	6	6	
I9566-33-3-1	bush	286	6	13	6	6	6	
I9566-19-2-1	bush	258	7		4	3	8	

I9566-10-11-1-1	bush	154	7	12	6	6	6
I9566-12-9-2	bush	124	6	10	4	6	7
I9566-20-1-2-1	bush	80	7	12	4	6	5

White kidneys

USWA-70	bush	661	6	14	4	5	7
USWK-6	bush	654	4	10	6	6	8
Lassen	bush	651	2	10	4	4	8
Mean		630	5	13	4	4	7
LSD 0.05		494	1.6	2.3	1.6	1.9	1.4
CV%		52	26	9	28	32	14

R9812: Roza 1998 cranberry dry bean Root Rot Trial

Line	Growth habit	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Root disease (1-9)	Desirability *****
C96409	vine	1385	6	16	4	3	8	
G-122	bush	1380	5	16	4	4	4	**
PR95-397	bush	1038	4	12	3	2	7	
Cardinal	bush	911	4	14	4	4	7	**
H9678-21	bush	832	4	14	4	4	7	
95:7595C	bush	822	5	17	4	4	8	*
OT9641-281-1	bush	821	3	12	5	4	8	
USCR-8	bush	731	4	13	2	4	6	
PR95-399	bush	723	3	9	4	5	8	
UI-686	vine	701	5	16	4	4	8	*
PR95-400-5-1	bush	669	2	14	3	3	8	*****
C96408	vine	652	6	16	5	4	8	
H9678-37	bush	636	4	14	4	4	8	
C92117	bush	538	2	11	5	6	8	*
Thort	bush	505	4	12	4	4	8	
I9566-45-6-1	bush	490	4	13	6	5	7	
USCR-7	bush	478	4	13	4	4	6	
ND92-200-02	vine	462	6	17	3	2	7	
Mean		765	4	14	4	4	7	
LSD 0.05		546	1.5	1.8	1.3	1.7	1.8	
CV%		50	27	7	24	30	18	

R9813: Roza 1998 pinto bean Root Rot Trial

Line	Growth habit	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Root disease (1-9)	Desirability *****
OT9639-4-10	vine	2202	4	16	3	3	6	***
Camino	bush	1969	1	14	2	2	8	*****
VB93-076	vine	1689	3	14	3	4	7	**
Bill-Z	vine	1550	2	14	3	6	7	**
VB9582-2-pt	bush	1375	2	12	4	3	7	**
H9656-16	vine	1331	2	12	3	4	7	*****
NW-410	vine	1277	4	14	2	4	6	*
Burke	vine	1248	4	15	4	2	6	**
93:201P	bush	1238	1	14	2	2	6	*****
Pintium	bush	1105	1	12	4	4	7	*****
OT9630-17	vine	1077	3	13	4	5	7	*
Pinyata	bush	1064	3	13	3	2	6	
OT9630-66	vine	1037	3	13	3	4	8	**
ICB-12-10	vine	991	6	18	3	5	6	
UI-114	vine	963	2	12	3	3	7	**
PR95-121-1-1-1	vine	955	3	12	4	4	7	*
VB93-364	vine	927	1	12	3	2	8	***
USPT-73	vine	925	4	15	3	4	6	
PR95-457-5-1	vine	849	6	16	3	5	4	*
VB94-145	vine	826	2	14	4	4	7	
OT9641-137-7	vine	816	6	16	4	5	4	*
H9657-66	vine	782	7	18	4	4	6	*
OT9630-42	vine	777	5	15	4	4	5	*
GH-196-2	vine	705	5	14	2	4	6	

R9813: Roza 1998 pinto bean Root Rot Trial

Line	Growth habit	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Root disease (1-9)	Desirability *****
H9661-1	vine	683	5	18	4	5	6	*
H9657-42	vine	679	7	18	4	5	4	
OT9636-24	vine	641	2	13	3	4	6	**
OT9630-216	vine	634	4	14	4	6	7	
OT9641-137-5	vine	628	6	15	4	5	5	
OT9630-57	vine	625	4	12	3	5	6	
UI-320	vine	623	4	14	4	2	8	
OT9636-22	vine	571	6	18	3	4	4	*
Othello	vine	522	2	14	4	4	7	
94:995P	vine	505	2	14	2	4	7	
OT9630-5	vine	473	4	15	4	4	5	
I9605-14-1	vine	414	6	14	5	5	4	*
PR95-121-2-2-1	vine	273	1	10	3	5	7	*
OT9630-209	vine	249	4	12	4	6	6	*
Mean		926	4	14	3	4	6	
LSD 0.05		530	1.5	2.1	1.1	1.2	1.7	
CV%		40	29	7	22	22	19	

R9814: Roza 1998 small red Root Rot Trial

Line	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Root disease (1-9)	Desirability *****
NW-63	2126	4	14	2	2	4	*
UI-239	1952	4	15	4	4	6	**
Rufus	1468	4	15	4	4	6	
UI-259	1406	5	15	3	3	8	
USRM-365	1378	2	14	4	3	7	****
Cajun	1305	4	16	4	5	4	****
OT9641-84-2	1179	6	18	4	4	5	*
OT9641-32-2	1135	3	14	4	4	4	**
USRM-11	1053	3	13	4	3	7	
H9655-135-20	932	6	18	5	2	5	
USWA-6	829	6	16	3	5	3	***
OT9641-8-11	827	6	16	4	3	4	
USRM-7	788	4	13	4	4	6	
92:1053R	749	2	11	4	4	7	
LB1-2110-28	628	4	12	5	6	4	
ICB-55-1	348	7	14	4	5	8	
ICB-6-4	325	6	14	4	5	4	
Mean	1084	4	15	4	4	5	
LSD 0.05	524	1.3	2.0	1.1	1.0	1.5	
CV%	34	21	7	20	18	17	

R9815: Roza 1998 great northern Root Rot Trial

Line	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Root disease (1-9)	Desirability *****
Matterhorn	1390	3	16	4	4	7	****
LB2113-3	1272	4	14	6	4	7	*
USWA-12	1249	6	16	5	4	6	
OT9641-147-7	1099	5	16	6	5	6	
OT9630-95	1010	5	14	6	5	8	*
H9657-51	974	4	14	5	6	6	*
90:465G	834	6	14	4	3	8	
OT9641-147-6	785	5	14	5	4	6	
Starlight	778	6	15	5	5	7	
H9658-93	742	5	16	6	4	7	*
VB95-19-4-W	677	3	12	6	5	7	
H9655-71-9	670	6	14	6	6	7	
WM3-94-9	598	4	12	5	4	7	
USWA-13	569	4	15	5	4	8	*
H9657-54	330	6	14	6	5	6	
OT9639-15-6	222	6	16	6	6	7	
Mean	825	5	15	5	5	7	
LSD 0.05	646	1.5	1.8	1.1	1.0	1.1	
CV%	39	23	6	14	15	11	

R9816: Roza 1998 pink bean Root Rot Trial

Line	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Root disease (1-9)	Desirability *****
ROG-312	1635	4	14	3	3	7	**
Roza	1576	4	14	4	2	8	*
PR95-055-2	1571	3	14	5	4	6	****
Sutter Pink	1560	4	12	5	4	6	
UI-537	1532	4	16	5	4	6	*
Viva	1370	3	14	4	4	6	
93:677K	1265	5	12	4	4	8	*
Yolano	1086	4	12	6	5	8	*
USPK-81	1032	6	16	4	4	6	
Flamingo	945	2	14	4	2	8	*
Gloria	899	5	16	5	4	6	
USWA-61	678	7	17	4	4	5	
I9365-5	510	6	16	4	4	8	**
I9566-117-2-2	286	6	14	6	5	8	
ICB-53-9	263	6	17	4	4	8	
ICB-42-7	211	6	16	4	4	8	
Mean	1026	5	15	4	4	7	
LSD 0.05	658	1.2	1.6	1.2	1.1	1.6	
CV%	45	18	5	19	20	17	

R9817: Roza 1998 black bean Root Rot Trial

Line	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Desirability *****
UI-911	1715	5	17	4	3	
H9673-87	1524	6	16	4	4	
H9679-27	1517	5	16	4	4	*
H9673-3	1465	4	14	4	5	***
BTS	1439	6	18	4	4	*
H9673-17	1231	4	16	5	5	***
T-39	1133	6	17	6	4	
PI-165426-bk	1117	7	12	4	3	
I9365-31	1001	7	18	4	3	
H9673-28	965	4	15	4	4	****
USBK-78	842	6	16	3	4	
VEN-54	821	6	16	7	4	
H9673-36	661	6	16	4	5	
ICB-3-8	543	6	16	4	4	*
A-55	541	6	16	4	5	
H9675-54	510	6	14	4	4	
I9606-6	502	6	14	4	4	
USWA-27	497	5	16	8	6	
ICB-10-5	425	6	12	4	6	
H9653-29-17	352	6	16	4	5	
H9653-29-13	348	6	15	4	5	
92BG-7	271	6	16	4	4	**
H9653-29-24	33	6	16	4	4	

Mean	846	6	16	4	4
LSD 0.05	717	1.2	2.1	1.1	1.1
CV%	58	15	7	17	19

R9818: Roza 1998 navy bean Root Rot Trial

Line	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Desirability *****
I9605-4-2	1684	6	16	5	5	
H9661-5	1651	4	18	4	4	*****
ND91-117-05-02	1592	4	17	6	6	**
Norstar	1557	5	18	4	5	*
USWA-50	1534	4	16	6	4	***
OT9630-114	1262	6	16	6	5	
OT9630-154	1187	6	16	6	6	
H9677-11	1122	6	16	4	4	*
PR95-183-6-5-1	1063	5	17	6	5	*
OT9630-115	1059	6	15	6	5	
OT9630-141	988	5	14	6	5	*
H9662-1	968	6	16	6	6	
H9661-1	912	4	16	6	5	*
H9662-4	867	4	12	5	4	*
PI-165426-w	847	7	12	6	5	
OT9630-140	808	6	16	5	5	
ICB-8-2	667	6	16	6	6	
I9605-1-2	654	6	17	5	4	
OT9630-171	533	6	16	6	6	
Mean	1103	5	16	5	5	
LSD 0.05	695	2.0	1.9	1.4	1.9	
CV%	31	19	6	19	26	

R9820: Roza 1998 snap bean Root Rot Trial

Line	Yield lbs/A	Relative maturity (1-7)	Plant height inches	Emergence (1-9)	Early seedling vigor (1-9)	Root disease (1-9)	Desirability *****
FR-266	2528	6	18	5	4	6	**
BAT-477	2296	6	17	3	3	6	***
NY-5517	1985	4	15	5	3	6	*****
CT-89-124	1485	4	13	5	3	7	***
CT-89-70	1377	5	15	6	4	8	***
NY-2114-12	1370	6	16	3	3	4	****
CT-89-61	1341	3	12	5	4	9	***
NY-5525	1328	5	14	6	5	8	**
RB94-0491	1161	6	15	5	5	6	***
Wisc-RR-77	1092	6	16	4	4	6	*
CT-89-63	1073	5	12	6	3	8	***
N-15-161w	1059	5	15	6	6	8	*
NY-5520	1043	4	14	6	5	6	**
USWA-64	1040	6	13	5	5	8	*
PI-165426w	1010	7	13	6	6	4	
Apollo	994	6	15	6	6	7	*
NY-5521	984	5	15	6	6	9	
NY-5554	893	4	14	5	5	8	***
NY-5523	834	4	13	6	4	8	**
NY-5539	719	6	13	6	5	8	*
USWA-68	716	6	16	6	6	8	*
NY-5516	687	5	10	6	6	8	*
RB94-0479	621	6	14	5	6	8	
Wisc-RR-36	559	6	14	4	4	6	**

RB94-0478	520	6	15	5	5	8	***
Goldcrop	481	5	15	8	8	8	
CT-89-73	454	6	16	6	7	7	*
VR-Romano	356	6	12	7	7	8	
USWA-67	249	6	14	8	7	8	
Mean	1043	5	14	6	5	7	
LSD 0.05	747	1.2	2.7	1.5	1.9	1.5	
CV%	36	16	10	19	27	10	

R9824: Prosser 1998 Root Rot Trials on Conversion Materials.

Line	Yield lbs/A	Plant height inches	Emergence (1-9)	Early seedling vigor(1-9)	Relative Maturity (1-7)	Variety
H9664-26-2	2154.0	16.0	4.0	2.0	5.3	Brown
OT9635-13-2	1844.2	12.0	3.3	1.3	3.0	Seg
H9664-28-6	1692.0	15.0	5.0	4.0	4.3	Seg
OT9635-7-3	1615.3	14.0	4.0	2.3	4.3	RM
OT9635-42-4	1570.0	18.0	3.3	4.0	5.0	Seg
OT9635-13-4	1426.0	12.0	3.3	2.0	4.0	Seg
OT9635-13-1	1413.0	14.0	2.0	1.3	3.3	Seg
OT9635-3	1077.0	12.0	3.3	4.0	3.0	Cran
H9664-33-2	1029.0	16.0	4.0	3.3	5.0	Misc-X
H9664-5-2	994.0	12.0	6.0	4.3	4.0	Seg
OT9635-33-1	942.0	16.0	6.0	4.0	4.3	Seg
H9664-55-2	892.0	14.0	3.3	2.3	4.3	Black
OT9635-2	874.1	13.0	3.3	2.3	1.3	Cran
OT9635-30-4	874.1	14.0	5.0	5.0	5.0	Seg
OT9635-20-1	852.3	12.0	3.3	3.3	5.3	Seg
OT9635-37-1	835.0	17.0	3.0	3.0	6.0	Black
H9664-55-1	833.0	18.0	4.3	4.0	5.0	Black
OT9635-51-1	824.0	8.0	5.0	4.0	2.3	Seg
H9664-55-4	739.0	11.0	3.3	5.0	6.0	Black
H9664-2-4	650.0	14.0	4.0	3.0	4.0	RM

Mean

LSD 0.05

CV%

The 1-7 and 1-9 scores where by 1=best and 7 or 9=worst.