

2002 MICHIGAN DRY BEAN TRIALS

COUNTY & COOPERATOR: ARENAC-Stange Farms;BAY-Jim Cianek Farm
 GRATIOT-Weburg Farms; HURON-Randy Sturm; MONTCALM-Grassley Farms
 SANILAC-Stoutenburg Farms; TUSCOLA-Mark and Mike Zimmer Farm

PLANTING DATES			JUNE 10	JUNE 28	JUNE 9	JUNE 13	JUNE 18	JUNE 11	JUNE 29	2002 AVE
VARIETY-NAVY	DAYS	ORIGIN	ARENAC	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	
VISTA	99	GEN	2337	2577	2751	1908	3445	1545		
CRESTWOOD	101	GEN	2449	2463	2593	1985		2028		
SCEPTER	99	GEN	2614	2488	2711	2170		1806		
GTS 544	102	GEN	2600	2457	2754	2172		1628		
MAYFLOWER	99	MSU	2729	2552	2463	2055		1704		
N97774	97	MSU	2324	2506	2798	2234		1610		
AC CRUISER		AC	2117	2432	2062	1722	3354	2258		
AC MAST	99	AC	2100	2222	2082	1771	3342	1827		
COOP99039	97	COOP			2570	1994				
COOP99061	100	COOP			2519	1869				
COOP99070	97	COOP			2421	1838				
SCHOONER	97	SYN			2637	2150				
NAVIGATOR	96	SYN			2295	1599				
ROG 331	94	SYN			2871	2283				
ENSIGN		SYN			2913	1849				
ASG 01YT13	94	ASG			2642	2107				
ASG 01YT14	98	ASG			3167	2165				
AC TRIDENT	96	CAN				1723				
AC REX	97	CAN				1616				
T9804		WGT				1870				
T9805		WGT				1916				
T9903		WGT				1442				
T9905	94	WGT				1873				
N00729	99	MSU			2876	1747				
N00760	97	MSU				1984				
N00792	99	MSU			2779	1991				
N00833	99	MSU			2271	1996				
N00838	99	MSU			2991	2208				
MACKINAC	97	MSU			2336					
AVANTI	93	ASG			2626					
			LSD=555	LSD=379	LSD=266	LSD=568	LSD=402	LSD=194		
			CV=15.7%	CV=10.5%	CV=6.0%	CV=17.9%	CV=6.9%	CV=7.3%		
<u>GREAT NORTHERN</u>										
MATTERHORN	87	MSU	2795	2611	2707	1523	3349	1471		
G99750	95	MSU	2532	2282	2372	1459	3501	1317		
TEBO	99	JAPAN		2492	2679			1015		
CPC 00125	99	CPC		2431			3456	1165		
G99728	87	MSU						1694		
G00533	87	MSU						1170		
G00536		MSU								
G00539		MSU						1123		
			LSD=724	LSD=271	LSD=338	LSD=435	LSD=218			
			CV=18.5%	CV=6.1%	CV=9.9%	CV=7.3%	CV=11.5%			
<u>SMALL RED</u>										
MERLOT	97	USDA	2850	3074		1639	3257	1930		
RUFUS	101	USDA		2734		1399		2112		
BROOKS	100	BROOK		2746		1755		2180		
UI 239	88	IDAHO		3363		1518		1527		
ROJO CHIQUITO	90	USDA				1102	2755	1403		
R97003	97	USDA				1283		1711		
R98051	96	USDA				1647		1903		
			LSD=244	LSD=639		LSD=289				
			CV=5.0%	CV=24.3%		CV=10.7%				
	DAYS	ORIGIN	ARENAC	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	
<u>BLACK</u>										
T-39	97	CAL	2711	2430	2666	1874	3541	1540		
BLACK JACK	97	GEN	2535	2292	2416	1827		1249		
MIDNIGHT	101	NYC	2673	2100	2558	2023		1511		
JAGUAR	96	MSU	2650	1983	2651	1928	3749	1287		
PHANTOM	97	MSU	2994	2162	2589	1899		1126		

DOMINO	100	MSU	2832	2529	2730	1976		1642
MILLENIUM199	98	GEN	3007	2343	2766	2115		1247
GTS-1102	100	GEN	2549	2591	2736	1922		1378
115M-CIAT	100	CIAT	2845		2980	2050	4149	1714
ASG 08520643	101	ASG			2897	1862		
B98304	96	MSU		2430	2741	1846	3651	1207
B98306	95	MSU			2636	1878		1176
B00101	97	MSU			2841	2007		1303
B00102	95	MSU			2595	1843		1274
B00103	98	MSU			2937	1790	3320	1335
B00136	96	MSU			2683	1431		1047
SHINY CROW	87	CO			2212	1483		

LSD=313 LSD=521 LSD=254 LSD=457 LSD=216
CV=7.8% CV=15.4% CV=6.7% CV=14.7% CV=11.3%

PINTO

OTHELLO	84	USDA	2376	2853	3195	1539		1640
BUSTER	91	ASG		3071	3788			1824
P99120	97	MSU						1799
P00204	92	MSU						1769
P00207	93	MSU						1990
P00227	95	MSU						1969

LSD=347 LSD=329
CV=5.8% CV=11.9%

CRANBERRY

TAYLOR	88	MIB	1871		1816		2584	
SVM TAYLOR	90	ASI		2074			2826	
MI IMP VCRAN	110	MSU					2265	
CPC-99814	100	CPC		1828			2828	
CPC MAGICO	100	CPC					2878	
HOOTER	100	ASG		2202			2828	
ETNA	89	ASG		2022			2534	
ASG 01YT192	96	ASG		1866			2393	
C99804	93	MSU					3269	
C99833	98	MSU					2880	
C00301	89	MSU					2980	
C00305	85	MSU					3188	

LSD=653 LSD=300 LSD=364
CV=21.2% CV=6.1% CV=9.2%

PINK

S00809	94	MSU	2724		3105	1918	3469	2067		
ROG 922	93	SYN				1591				
		DAYS	ORIGIN	ARENAC	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA

LIGHT RED KIDNEY

CHINOOK 2000	100	MSU	2405	2083	2203	1165	2449	
CALIF ELRK	90	CAL	1974	1718	1671	860	2352	
ASG 08590462	95	ASG		2232			2496	
RED KANNER	106	NYC		2176			2971	
K00604		MSU					1945	
K00605		MSU					2318	
I99105		MSU					2428	
I00639		MSU					2151	
ASI L637-153	100	ASI		2293			2611	
ASI LDT 29-2							2063	
ASI LDT 33-2							2211	
ASI LDT 3 AD							2611	
ASI LDT 5 AC							2563	
ASI LDT 6 DA							2048	

LSD=349 LSD=417
CV=10.8% CV=12.3%

DARK RED KIDNEY

MONTCALM	100	MSU	1707	1557	1901		2172	
RED HAWK	97	MSU	1613	1659	1967		2243	
NICHOLS	109	CAL		1673				
K01405	99	MSU					2270	
ASI D636-175	96	ASI					2245	

LSD=552 LSD=239
CV=19.6% CV=6.7%

ADZUKI

ERIMO	102	JAPAN			2244			
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ANDERSON	100	LAD	2157	
DOMESTIC	102	BW	2204	
WSU 201	107	WSU	2402	
			LSD=333	
			CV=9.3%	
<u>ALUBIA</u>				
BELUGA	101	MSU	1998	1959
GTS 401	98	GEN		2295
ASI WK 380	94	ASI		2134
			LSD=337	LSD=235
			CV=11.9%	CV=6.4%
<u>SOLDIER</u>				
K01234	97	MSU		2046
<u>YELLOW EYE</u>				
GTS 1701	99	GEN		1850
Y00115	101	MSU		2251
KINTOKI	85	JAPAN	1046	

ORIGIN KEY

MSU=MICHIGAN STATE UNIVERSITY
 GEN=GEN-TEC SEEDS LIMITED
 ASG=SEMINIS/ASGROW-SEMINIS NOW
 ASI==AGRI-SALES
 SYN=SYNGENTA SEEDS
 CPC=COLUSA PRODUCE CORPORATION
 WGT=HYLAND SEEDS,W.G.THOMPSON
 COOP=COOPERATIVE ELEVATOR-PROVITA
 BLACK HAWK=GREATER MICHIGAN SEEDS
 CAL=UNIVERSITY OF CALIFORNIA-DAVIS
 NYC=CORNELL UNIVERSITY-NEW YORK
 WSU=WASHINGTON STATE UNIVERSITY
 USDA=UNITED STATES DEPT. OF AGRIC.ARS
 CAN=AGRICULTURE CANADA
 MIB=MICHIGAN BEAN COMPANY
 BROOK=BROOKS FOODS-INDIANA
 BW=B&W COOPERATIVE-BRECKENRIDGE,MI
 LAD=LOWELL ANDERSON-ST. LOUIS,MI

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