

## 2004 MICHIGAN DRY BEAN TRIALS

COUNTY & COOPERATOR: BAY-Lee and Paul Wackerle Farm  
 GRATIOT-Weburg Farms; HURON-Gro-Green Farms; MONTCALM-Brian Hansen Farm  
 SANILAC-Wadsworth Farms; TUSCOLA-Hadaway Brothers LLC

PLANTING DATES			JUNE 15	JUNE 20	JUNE 16	JUNE 8	JUNE 7	JUNE 8		
VARIETY-NAVY	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	2004 AVE	
VISTA	95-99	GEN	1912	2012	1892	3491	2316	2116	2290	
SEAHAWK	92-96	MSU	1866	2175	1914	3596	2438	2155	2357	
CRESTWOOD	94-101	GEN	1574	1788	1910	3226	1813	1946	2043	
SCEPTER	94-102	GEN	1824	2168	1706	3566	2235	2268	2295	
REGENT	90-94	GEN	1789	2052	1460	3430	2144	1917	2132	
GTS 544	95-101	GEN	2486	2430	1746	3280	2502	2359	2467	
GTS 548	90-94	GEN	2131	2334	1775	3407	2150	2140	2323	
COOP 99039	94-95	COOP	1862	1793	1557	3123	2078	1748	2027	
COOP 99070	92-99	COOP	1839	1824	1813	3318	2262	1741	2133	
COOP 01051	95-99	COOP	2180	2187	1825	3579	2267	2226	2377	
COOP 01054	94-99	COOP	2294	2247	2423	3627	2292	2136	2503	
COOP 99037	95-98	COOP	2257	2000	1898	3409	2193	2176	2322	
COOP 99081	94-99	COOP	1988	2164	1740	3157	2350	1979	2230	
COOP 00076	94-95	COOP	2019	2239	2130	3416	2181	2148	2356	
MAYFLOWER	94-97	MSU		1975	1808					
SCHOONER	94-96	SYN		2376	1977					
NAVIGATOR	92-96	SYN		1954	1631					
ENSIGN	92-93	SYN		1611	1726					
ASG 03YT10	94-99	ASG		2136	1546					
ASG 03YT13	94-98	ASG		2185	2085					
COOP 03015	95-97	COOP		1903				1912		
COOP 03019	94-96	COOP		2241				2113		
COOP 03024	94-97	COOP		2086				1922		
COOP 03026	93-94	COOP		1872				2031		
BEACON	93-94	WGT			1935			2334		
T 9905	93-94	WGT			2022			2109		
T 10103	92	WGT			1835					
T 10205	94	WGT			2170					
T 10303	95	WGT			1801					
			LSD=422	LSD=310	LSD=291	LSD=403	LSD=291	LSD=250		
			CV=14.7%	CV=10.9%	CV=11.2%	CV=8.3%	CV=9.1%	CV=8.5%		
NAVY-CONT.	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	2004 AVE	
N02236	93-94	MSU		1786	1642					
N02237	92	MSU		1994	1803					
N02251	94-95	MSU		1754	1975					
N02302	92-96	MSU		1549	1608					
ADM N221185	98	ADM		2034						
ADM N225185	99	ADM		1922						
ADM N128420	99	ADM		1989						
ADM N128427	100	ADM		1889						
ADM N129400	100	ADM		1861						
ADM N128416	99	ADM		2049						
ADM N243185	99	ADM		2022						
<u>BLACK</u>										
T-39	94-96	CAL	1650	2136	1814	2761	2001	1868	2038	1894
BLACK JACK	94-96	GEN	1614	2076	1675	2660	1667	1714	1901	1749
MIDNIGHT	98-100	NYC	2204	1901	1882		2384	1921		2058
JAGUAR	92-96	MSU	1785	1963	1814		2060	1878		1900
DOMINO	98-99	MSU	2076	2287	2232		2130	1948		2135
CONDOR	94-97	MSU	1634	2162	1807	2970	2164	1841	2096	1922
BLACK RHINO	96-99	CIAT	2012	2496	1831	3178	2374	1761	2275	2095
GTS-1102	96-100	GEN	1570	2046	1852	3189	2158	1804	2103	1886
BL 99066	94-95	COOP	1872	1858	1618	2744	1848	1806	1958	1800
BL 00044	96-98	COOP	1764	2394	2058	2769	2409	1810	2201	2087
BLACK VELVET	98-100	ASG		2194	2054			1964		

B01741	96-98	MSU	2389				2229	1769		
B01793	98-100	MSU	2184				1782	1734		
B03625	95-97	MSU	1996				2299	1863		
I02523	97-99	MSU	2145				2189	1825		
B03643	96-97	MSU	2041				2117	1800		
B02546	96-97	MSU	1716				1718	1586		
B02601	97-99	MSU	1951				1949			
ADM B211244	90	ADM	1773							
ADM B201240	96	ADM	1971							
ADM B212243	90	ADM	1764							
ADM B221233	92	ADM	1790							

LSD=461 LSD=234 LSD=249 LSD=379 LSD=318 LSD=253  
CV=17.5% CV=8.1% CV=9.2% CV=8.8% CV=10.7% CV=9.8%

ADZUKI

ERIMO	102	JAPAN	1000							
WSU 201	102	WSU	944							
<u>SMALL RED</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	2004 AVE	6 LOC
MERLOT	92-94	USDA	1932	2570	2575	2937	2642	1968	2279	2437
RUFUS	92-97	USDA	1729		2637		2420	2080	2217	
BROOKS	95-97	BROOKS	2052		2496		2308	1994	2213	
UI 239	88-92	IDAHO	2084		2379		2262	2030	2189	
R97003	94-96	USDA	1903		2379		2113	2043	2110	

LSD=403 LSD=265 LSD=197 LSD=234  
CV=13.5% CV=8.1% CV=5.5% CV=7.5%

PINTO

OTHELLO	83-86	USDA	1304	2411	2446		2058	2093	1818	
BUSTER	88-93	ASG	1633	2459			2141	2199	1991	
RALLY	92-96	GEN	1664				1997	2134	1932	
P02646	92-94	MSU					1991	1904		
P02647	92-94	MSU						2001		
P02630	90-93	MSU						1916		
ADM P207221	89	ADM		2227						
ADM P236221	95	ADM		2130						
ADM P123400	93	ADM		2544						
ADM P125432	93	ADM		2474						
ADM P252215	88	ADM		2502						

LSD=186 LSD=218 LSD=352 LSD=189  
CV=7.0% CV=6.1% CV=9.9% CV=6.1%

GREAT NORTHERN

MATTERHORN	87-89	MSU	1674	2287	2080	2903	1743	1847	5 LOC	4 LOC-6LOC
TEBO	94-95	JAPAN	1793	2542	2057		1720	1650	1926	1972---2089
G00528	93-94	MSU					1793	1862	1952	2011
G02454	94-95	MSU					1996	1785		
G02453	93-94	MSU					1973	1892		
GN 99118	90-93	COOP	1487	2180	1766			1844		1819
GN 99136	90	COOP	1470	2140	2029			1860		1875
ROG 591	86	SYN					1620	1735		
G02461	93-94	MSU					1846	1960		

LSD=291 LSD=244 LSD=447 LSD=255 LSD=184  
CV=11.3% CV=6.7% CV=14.1% CV=9.5% CV=6.9%

PINK

S00809	92-94	MSU	1855	2379	2122	2419	1987	2040	3 LOC	6 LOC
S02753	90-91	MSU	1671		1952			1939	2006	2134
S02752	90-91	MSU	1828		1783			1856	1854	1822

LSD=434 LSD=438 LSD=236  
CV=14.0% CV=13.0% CV=7.0%

CRANBERRY

SVM TAYLOR	89-90	ASI	1412			2764				
ETNA	90-92	ASG	1609			2975				
CRAN 09	91-92	GEN	1828			2529				
C99804	94-95	MSU	1797			1906				
C99833	95-97	MSU	2071			3393				
ASG EX 0538	96-97	ASG	1766			2405				
ASG EX 0759	97-99	ASG	1761			2826				
C61V	100	MSU				3353				

C24V	100	MSU			2880
RM4	90	OLTER			2537
ADM C000117	96-98	ADM			2746
ADM C200191	90-92	ADM			2718
			LSD=260		LSD=650
			CV=10.0%%		CV=16.4%

LIGHT RED KIDNEY

CHINOOK 2000	95-99	MSU	1512	1569	3154
CALIF ELRK	85-88	CAL	1604	1507	3004
PINK PANTHER	93-94	ASG	1648		3453
K03601	98-101	MSU			3481
ADM LRK-7	94	ADM			3367
					LSD=647
					CV=12.8%

DARK RED KIDNEY

RED HAWK	92-96	MSU	1400	1413	2746
MONTCALM	94-98	MSU	1390	1449	2947
ADM D000264	94	ADM			2721
ADM D200207	94	ADM			2579
					LSD=456
					CV=10.4%

ALUBIA

BELUGA	95-98	MSU	1553		2859
GTS 401	97-100	GEN	1988		3627

YELLOW EYE&MISC.

GTS 1701	98	GEN	1678		2800
RED COAT	96	MSU	1222		2141
KINTOKI	84	JAPAN			1443

ORIGIN KEY

MSU=MICHIGAN STATE UNIVERSITY  
 GEN=GEN-TEC SEEDS LIMITED  
 ASG=SEMINIS/ASGROW-SEMINIS NOW  
 ADM==ARCHER DANIELS MIDLAND  
 SYN=SYNGENTA SEEDS  
 WGT=HYLAND SEEDS,W.G.THOMPSON  
 COOP=COOPERATIVE ELEVATOR-PROVITA  
 CAL=UNIVERSITY OF CALIFORNIA-DAVIS  
 NYC=CORNELL UNIVERSITY-NEW YORK  
 WSU=WASHINGTON STATE UNIVERSITY  
 USDA=UNITED STATES DEPT. OF AGRIC.ARS  
 BROOK=BROOKS FOODS-INDIANA  
 UI=UNIVERSITY OF IDAHO  
 OLTER=OLTER SRL-SEED COMPANY IN ITALY

Greg Varner  
 Michigan Dry Bean Production Research Advisory Board  
 3066 South Thomas Road  
 Saginaw, Michigan 48609  
 989-781-0260 fax 989-781-5282