

2006 MICHIGAN DRY BEAN TRIALS

COUNTY & COOPERATOR: BAY-Weiss Farms

GRATIOT-Weburg Farms; HURON-D&D Farms Inc.; MONTCALM-Jaquays Farms

SANILAC-Aldrich Farms; TUSCOLA-Bauer Farms Inc.

PLANTING DATES

VARIETY-NAVY	DAYS	ORIGIN	JUNE 9 BAY	JUNE 14 GRATIOI	JUNE 5 HURON	JUNE 4 MONTCALM	JUNE 6 SANILAC	JUNE 9 TUSCOLA	2006 AVE 5 LOC	White Mold Huron-Sanilac
VISTA	96-99	GEN	3193		3197	3609	3161	2256	3083	1.5-----2.5
SEAHAWK	94-99	MSU	3153		3112	3421	2486	1862	2807	2-----2.6
COOP 99081	94-98	COOP	2805		2948	3209	2716	1792	2694	1.5-----2.3
COOP 00076	93-98	COOP	2821		2578	3253	2355	2059	2613	3.5-----3.6
COOP 01051	96-100	COOP	3225		2846	3604	2342	2102	2824	3-----3.6
COOP 01054	96-100	COOP	3270		2760	3507	2279	2348	2833	3-----3.3
COOP 03019	94-97	COOP	3234		3300	3220	2274	2331	2872	1.5-----3
COOP 03026	93-97	COOP	2794		2290	3310	1649	1993	2407	4-----4.5
HYLAND T 9905	95-97	HYLAND	3195		2953	3361	3063	1907	2896	2-----3.3
GTS 544	96-99	GEN	3062		2686			2230	2	2
GTS 548	92-96	GEN	2658		2487			1600	5	5
GTS 549	88-94	GEN	2830		2661			1039	2	2
GTS 554	92-97	GEN	2989		3509			1982	1.5	1.5
GTS 558	92-96	GEN	2823		2374			1251	4	4
COOP 99037	93-97	COOP			2543		2111	2112	2-----4.2	2-----4.2
COOP 02084	94-97	COOP			2752		2077	2351	3-----2.5	3-----2.5
COOP 02098	93-98	COOP			2724		1762	1831	3-----4.5	3-----4.5
COOP 02099	94-98	COOP			2480		2341	1758	2-----3.6	2-----3.6
HYLAND T 10307	94-95	HYLAND			3202			2245	1.5	1.5
HYLAND T 10303	95-97	HYLAND			2979			2090	1.5	1.5
HYLAND T 9903	93-97	HYLAND			2557		2116	2132	4	4
ASG 0862	93-96	ASG			2513				3	3
ASG 05YT23	94-96	ASG			2665				1	1
SCHOONER	93-96	SYN			2419				3	3
ROG 417	88-91	SYN			1774				2	2
NAVIGATOR	94-96	SYN			2442				1.5	1.5
ROG 331	92-95	SYN			2781				2.5	2.5
ENSIGN	92-93	SYN			2360				3	3
N02237	95-98	MSU			2259				2	2
N05311	96-98	MSU			2986				1	1

LSD=427
CV=9.9%

LSD=482
CV=13.0%

LSD=355
CV=7.2%

LSD=502
CV=14.9%

LSD=402
CV=14.4%

NAVY-CONT.	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	2006 AVE	Huron w.mold
ADM SEABISKET	93-94	ADM			2673					3
ADM N3467	93-95	ADM			2954					2
AVANTI	91-95	ASG			2554					3
CRESTWOOD	97-102	GEN			2581					2
ALBION	89-91	ASG			1775					5
MAYFLOWER	95-99	MSU			2447					2
AURORA SW	88-92	NYC			1938					4
<u>BLACK</u>										
T-39	93-98	CAL	2107	1779	2701	2804	2019	1715	2188	5 LOC-3 LOC
CONDOR	94-98	MSU	2572	1842	2707	3037	2449	1733	2390	2064-1838
JAGUAR	93-97	MSU	2043	1735	2641		2644	2115		2261-2008
MIDNIGHT	97-100	NYC	2794	1844	2893		2842	1740		2236-2165
DOMINO	97-100	MSU	2337	1932	2436		2334	1587		2423-2142
BL 99066	90-94	COOP	1965	1538	1888	2767	1477	1391	1838	2125-1951
BL 00044	96-100	COOP	2323	1991	2479	3178	2037	1923	2322	1652-1469
BLACK RHINO	96-99	CIAT	2649	2078	2807	4025	2855	2068	2747	2151-1984
BLACK JACK	93-96	GEN	2319			3045				2491-2334
BLACK VELVET	97-99	ASG		2030	2762			1817		2203
ASG 0866	95-97	ASG		1985	2996					
ONYX	94-97	SYN		1945			2413	1875		2078
B04349	95-98	MSU		2025			2426	1672		2041
B04542	95-98	MSU		2104			2554	1927		2195
B04554	96-98	MSU		2142			3313	1733		2396
B04566	95-97	MSU		1781			1782	1765		1776
B04644	94-97	MSU		1953			2463	1921		2112
ECLIPSE	91-94	NDSU		2188			2581	1828		2199
MI CONDOR	94-98	MSU		2057			2372	1760		2063
			LSD=602	LSD=347	LSD=365	LSD=391	LSD=458	LSD=275		
			CV=17.6%	CV=12.6%	CV=9.6%	CV=8.3%	CV=12.3%	CV=10.8%		
<u>SMALL RED</u>									2006 AVE	
MERLOT	92-97	USDA	2853	2165	2980	2817	2817	1626	6 LOC	4 LOC
RED RYDER	84-87	SYN	2258	1882	3052	2622	2598	1289	2543	2569
UI 239	88-96	IDAHO	2398		2428		2133	1628	2284	2299
BROOKS	95-100	BROOKS	2466		2657		2462	1399		2147
RUFUS	95-100	USDA	2414		2748		2514	1455		2246
			LSD=474		LSD=328		LSD=449	LSD=251		2283
			CV=12.4%		CV=7.7%		CV=11.6%	CV=11.7%		

PINTO	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	4 LOC	4 LOC
OTHELLO	83-86	USDA	2871	1765	2359		2183	1748	2142	2015
BUSTER	89-93	ASG	3182	2123		1964	1272	2135		
PT LA PAZ	90-92	PROVITA		2243	2398		2390	1612		2161
P02633	90-93	MSU				1783	1023			
P04204	92-94	MSU				2472	683			
P05405	94-95	MSU				2280	1474			
P05463	95-96	MSU				2176	1193			
WINDBREAKER	90-92	ASG				2481	1369			
						LSD=488	LSD=278			
						CV=13.8%	CV=14.9%			

GREAT NORTHERN+TEBO

MATTERHORN	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	5 LOC	3 LOC
G02453	87-91	MSU		1875	2210	2497	2257	854	1939	2114
G05462	89-92	MSU					2584	998		
TEBO	89-93	MSU					2474	752		
G04914	96-100	JAPAN		1864	2327		2236			2142
	95-100	MSU		1854			2337			
				LSD=380			LSD=265	LSD=255		
				CV=11.8%			CV=7.6%	CV=18.0%		

PINK

SEDONA	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	6 LOC
S04505	92-95	MSU	2230	1755	2576	2422	2938	1123	2174
	94-97	MSU	2044		2392				

CRANBERRY

SVM TAYLOR	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	4 LOC
CAPRI	89-91	ASI	2364	1364		2673	2303		2176
ETNA	92-95	MSU	2222	1388		2707	2356		2168
CRAN 09	89-92	ASG	2269			2692			
CHIANTI	89-91	GEN	1961			2538			
ASG 05YT187	94-97	ASG	1912			2336			
ASG 05YT204	90	ASG				2827			
C03164	91	ASG				2751			
C05653	92-95	MSU	2097			2369			
HS-C10	92-94	MSU	2054			2668			
HS-C11	94-96	SEEDWAY	1720			2266			
	93-95	SEEDWAY	2100			2703			
			LSD=371			LSD=432			
			CV=12.2%			CV=11.5%			

LIGHT RED KIDNEY
 CHINOOK 2000 99-100 MSU ORIGIN BAY GRATIOT HURON MONTCALM SANILAC TUSCOLA 3 LOC
 2135 2193 3015 2245 2448
 CALIF ELRK 90-91 CAL 2348 2238 2775 2454
 PINK PANTHER 93-96 ASG 2266
 ASG 0714 93-94 ASG 2307
 ASG 05YT129 91-92 ASG 2393
 ROG 773 90-92 SYN 2424
 ADM L637-153 96-99 ADM 2030
 K03601 99-101 MSU 2010
 LSD=365
 CV=11.1%

DARK RED KIDNEY
 RED HAWK 94-99 MSU 2066
 MONTCALM 98-101 MSU 1613
 ROG 802 92-93 SYN 1702
 K03240 97-100 MSU 1942
 I05101 98-99 USDA 1811
 GTS 104 97-99 GEN 1935
 GTS 105 98-100 GEN 2080
 ADM D000264 94-96 ADM 2225
 LSD=391
 CV=13.8%

ALUBIA-W. KID.
 BELUGA 99-102 MSU 1544
 GTS 401 95-99 GEN 2114
 K01985 99-100 MSU 1689
 K04604 93-95 MSU 1840
 LSD=273
 CV=9.5%

YELLOW EYE&MISC.
 RED COAT 97-99 MSU 1638
 PURPLE KIDNEY 99-101 PFI 1216
 GTS 1701 96-99 GEN 1368
 MIASI YELLOW 92-95 COOP-ADM 1830
 1965 945

ADZUKI
 ERIMO 100-103 JAPAN 2202
 WSU 201 101-103 WSU 2423

ORIGIN KEY
MSU=MICHIGAN STATE UNIVERSITY
GEN=GEN-TEC SEEDS LIMITED
ASG=SEMINIS/ASGROW-SEMINIS NOW
ADM==ARCHER DANIELS MIDLAND
SYN=SYNGENTA SEEDS
HYLAND=HYLAND SEEDS, LIMITED
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
BROOKS=BROOKS FOODS-INDIANA
UI=UNIVERSITY OF IDAHO
NDSU=NORTH DAKOTA STATE UNIVERSITY
PFI=PUITY FOODS INC.
SEEDWAY=SEEDWAY LLC,PA
CIAT=CENTER OF INTERNATIONAL AGRICULTURAL TROPICAL

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Gratiot received 3.7 inches of rain on July 17 and Navy beans were lost.
Severe white mold in Sanilac and Huron County Trials.

White Mold Ratings = 1-little White Mold, 5-60% or more infection.