

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			JUNE 9	JUNE 14	JUNE 5	JUNE 4	JUNE 6	JUNE 9	2006 AVE	White Mold
VARIETY-NAVY	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	5 LOC	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
GTS 548	92-96	GEN	2658		2487			1600		5
GTS 549	88-94	GEN	2830		2661			1039		2
GTS 554	92-97	GEN	2989		3509			1982		1.5
GTS 558	92-96	GEN	2823		2374			1251		4
COOP 99037	93-97	COOP			2543		2111	2112		2-----4.2
COOP 02084	94-97	COOP			2752		2077	2351		3-----2.5
COOP 02098	93-98	COOP			2724		1762	1831		3-----4.5
COOP 02099	94-98	COOP			2480		2341	1758		2-----3.6
HYLAND T 10307	94-95	HYLAND			3202			2245		1.5
HYLAND T 10303	95-97	HYLAND			2979			2090		1.5
HYLAND T 9903	93-97	HYLAND			2557			2116		4
ASG 0862	93-96	ASG			2513			2132		3
ASG 05YT23	94-96	ASG			2665					1
SCHOONER	93-96	SYN			2419					3
ROG 417	88-91	SYN			1774					2
NAVIGATOR	94-96	SYN			2442					1.5
ROG 331	92-95	SYN			2781					2.5
ENSIGN	92-93	SYN			2360					3
N02237	95-98	MSU			2259					2
N05311	96-98	MSU			2986					1

LSD=427

LSD=482

LSD=355

LSD=502

LSD=402

CV=9.9%

CV=13.0%

CV=7.2%

CV=14.9%

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

BLACK

									6 LOC	5 LOC-3 LOC
T-39	93-98	CAL	2107	1779	2701	2804	2019	1715	2188	2064-1838
CONDOR	94-98	MSU	2572	1842	2707	3037	2449	1733	2390	2261-2008
JAGUAR	93-97	MSU	2043	1735	2641		2644	2115		2236-2165
MIDNIGHT	97-100	NYC	2794	1844	2893		2842	1740		2423-2142
DOMINO	97-100	MSU	2337	1932	2436		2334	1587		2125-1951
BL 99066	90-94	COOP	1965	1538	1888	2767	1477	1391	1838	1652-1469
BL 00044	96-100	COOP	2323	1991	2479	3178	2037	1923	2322	2151-1984
BLACK RHINO	96-99	CIAT	2649	2078	2807	4025	2855	2068	2747	2491-2334
BLACK JACK	93-96	GEN	2319			3045				
BLACK VELVET	97-99	ASG		2030	2762			1817		
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 CV=17.6% LSD=347 CV=12.6% LSD=365 CV=9.6% LSD=391 CV=8.3% LSD=458 CV=12.3% LSD=275 CV=10.8%

2006 AVE

SMALL RED

	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	6 LOC	4 LOC
MERLOT	92-97	USDA	2853	2165	2980	2817	2817	1626	2543	2569
RED RYDER	84-87	SYN	2258	1882	3052	2622	2598	1289	2284	2299
UI 239	88-96	IDAHO	2398		2428		2133	1628		2147
BROOKS	95-100	BROOKS	2466		2657		2462	1399		2246
RUFUS	95-100	USDA	2414		2748		2514	1455		2283
			LSD=474 CV=12.4%		LSD=328 CV=7.7%		LSD=449 CV=11.6%	LSD=251 CV=11.7%		

<u>PINTO</u>	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%		

<u>GREAT NORTHERN+TEBO</u>									5 LOC	3 LOC
MATTERHORN	87-91	MSU		1875	2210	2497	2257	854	1939	2114
G02453	89-92	MSU					2584	998		
G05462	89-93	MSU					2474	752		
TEBO	96-100	JAPAN		1864	2327		2236			2142
G04914	95-100	MSU		1854			2337			
				LSD=380			LSD=265	LSD=255		
				CV=11.8%			CV=7.6%	CV=18.0%		

<u>PINK</u>									6 LOC
SEDONA	92-95	MSU	2230	1755	2576	2422	2938	1123	2174
S04505	94-97	MSU	2044		2392				

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

<u>LIGHT RED KIDNEY</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	3 LOC
CHINOOK 2000	99-100	MSU	2135		2193	3015	2245		2448
CALIF ELRK	90-91	CAL	2348		2238	2775			2454
PINK PANTHER	93-96	ASG	2266			2993			
ASG 0714	93-94	ASG	2307			3188			
ASG 05YT129	91-92	ASG	2393			3006			
ROG 773	90-92	SYN	2424			2810			
ADM L637-153	96-99	ADM	2030			2807			
K03601	99-101	MSU	2010			2656			
			LSD=365			LSD=435			
			CV=11.1%			CV=11.5%			
<u>DARK RED KIDNEY</u>									
RED HAWK	94-99	MSU	2066			2501	2153		
MONTCALM	98-101	MSU	1613			2321			
ROG 802	92-93	SYN	1702			2498			
K03240	97-100	MSU	1942			2647			
I05101	98-99	USDA	1811			2268			
GTS 104	97-99	GEN	1935			2510			
GTS 105	98-100	GEN	2080			2443			
ADM D000264	94-96	ADM	2225			2859			
			LSD=391			LSD=199			
			CV=13.8%			CV=5.4%			
<u>ALUBIA-W. KID.</u>									
BELUGA	99-102	MSU	1544			2171			
GTS 401	95-99	GEN	2114			2556			
K01985	99-100	MSU	1689			2324			
K04604	93-95	MSU	1840			2571			
			LSD=273			LSD=338			
			CV=9.5%			CV=8.8%			
<u>YELLOW EYE&MISC.</u>									
RED COAT	97-99	MSU	1638			2344			
PURPLE KIDNEY	99-101	PFI	1216			1940			
GTS 1701	96-99	GEN	1368			1869			
MIASI YELLOW	92-95	COOP-ADM			1830		1965	945	
<u>ADZUKI</u>									
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=PURITY 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.