

**2011 MICHIGAN DRY BEAN TRIALS**

COUNTY & COOPERATOR: BAY-Meylan Farms

GRATIOT-Hrabal Farms; HURON-Leonard Knoblock Farm; MONTCALM-Brian Stratton Farm

SANILAC-J-ROD Farms; TUSCOLA-Mark Bauer Farm

PLANTING DATES			JUNE 4	JUNE 11	JUNE 8	JUNE 13	JUNE 3	JUNE 14	2011 AVE	lodge rating
VARIETY-NAVY	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	3-5 LOC	direct-cut
VISTA	100-104	GTS	1937	2771	2325	3006	2348	2976	2550-2685	2.5-2-2.5
RELIANT	100-103	GTS		2623	2218		2478	2614	2437	3.0-2-3.0
HYLAND T9905	98-103	HYLAND	1052	3027	2224	3122	2368	3122	2571-2773	2-2--2.5
MEDALIST	99-106	COOP	1217	3058	2438	3469	2489	2802	2576-2851	2.5-1.5-2
INDI	98-102	ADM	1461	2537	2134	3024	2393	3069	2532-2631	1--1-1.5
MERLIN-coop 03019	100-102	COOP			2433		2365	3233	2677	2--2-2
ADM N5039540	96-102	ADM	1496	2591	1882	3043	2076	2866	2275-2492	1.5-1.5-2
ADM N5023584	98-102	ADM	1378	2678	1933	2590	2562	2690	2395-2491	2-1.5-2
GTS 544	96-102	GTS			2621		2240	2767	2543	2.5-2-3.5
GTS 564	100	GTS			1848		2211	2745	2268	2.5-2-2.5
GTS ob5551-99	105-108	GTS	1261		2722		2473	2651	2615	3.5-2-3.5
HYLAND T154-051	102-103	HYLAND		2503	2143		2504	2536	2394	3.5-3-3.5
ADM N4018056	98-101	ADM	1406		2243			2723		1.5-na-2
ADM N4020061	99-100	ADM	1526		2272			2846		1.5-na-2.5
ADM N4020077	99-101	ADM	1610		1946			2579		2-na-2.5
ADM N6007127	100-102	ADM	1183		1890			2567		3.5-na-3.5
ADM N7046482	101-102	ADM	1167		2238			2845		2.5-na-3
COOP 02084	96-98	COOP			2363		2514	3144	2674	1.5-1.5-2
COOP 99039-3	102-103	COOP			2538		2368	3160	2689	3-2.5-3
COOP 03036	96-99	COOP			1957		2060	3510	2509	2-2-2.5
COOP 06063	98-103	COOP			2275		2539	2895	2570	2-2-2.5
COOP 07073	97-98	COOP			2291		2705	2950	2649	1.5-1-2
COOP 08070	94-97	COOP			1986		2527	3159	2557	2-2-2.5
COOP 08072	96-102	COOP			2306		1975	3054	2445	1.5-1.5-2
COOP 06060	98-99	COOP			1958		2519	3221	2566	3.5-2.5-3.5
SEM NAVC6V-1200	99-100	SEMINIS			2403			3039		1.5-na-2
SEM NAVC6V-1246	94-96	SEMINIS			2410			2883		1.5-na-2
OAC LIGHTNING	98-99	OAC			1856			2694		1.5-na-2.5
OAC REXETER	101-103	OAC			2069			2945		2.5-na-3
HR 199	103-105	AAFC			2467			2603		3-na-3.5
MSU N09046	101-102	MSU	1072		2164			2731		2-na-2.5
NAVY-CONT.	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	2011AVE	direct-cut

MSU N09174	100-101	MSU	1855		1858			2443		2-na-2.5
MSU N09175	97-98	MSU	1646		1860			2723		2-na-2.5
MSU N10104	99-100	MSU			1906			2675		1.5-na-2.5
MSU N10108	101-102	MSU			1947			2919		1.5-na-2
			LSD=352	LSD=366	LSD=518	LSD=502	LSD=353	LSD=362		
			CV=17.4%	CV=9.8%	CV=17.0%	CV=11.0%	CV=10.5%	CV=9.0%		
<b>BLACK</b>										4-5 LOC
ZORRO	99-100	MSU	1453	2712	2255	2947	2273	3485	2681-2734	2-1.5-2
SHANIA	102-104	ADM	1532	2532	2193	3346	2391	2989	2526-2690	2-2-2.5
BLACK VELVET	104-105	SEMINIS	1728	2367	2378		2058	3151	2489	2-2-2.5
LORETO	98-103	COOP-PRO	1880	2647	2218		2288	2891	2511	1.5-2.5-3
JAGUAR	97-97	MSU	1069	2357			2414	2977		na-1-1.5
CONDOR	100	MSU	1151				2281	2779		na-2.5-3
T-39	96-99	CAL	1276				2372	2873		na-3-4
ECLIPSE	94-95	NDSU	1454				1899	3230		na-1-1.5
MIDNIGHT	103-104	NYC	1665				1960	2852		na-1.5-2.5
DOMINO	100-104	MSU	1558				2249	3102		na-2.5-3
BL 05222	100-101	COOP-PRO			2596		1921	2719		2-2--3
BL 04352	97-98	COOP-PRO			2310		2285	2678		1.5-1.5-2
BL 06252	99-101	COOP-PRO			2141		2216	2785		2.5-2-2.5
ADM B6017225	102-104	ADM	1237		1950			2837		2-na-2.5
ADM B6020035	100-101	ADM	1419		1822			3104		2-na-2.5
ADM B5054545	96-97	ADM	1101		1939			2513		1.5-na-2
GTS 1103	98-100	GTS			2369		2184	2667		2.5-2-2.5
GTS 2159-00 XX	102-103	GTS			2256			2960		2.5-na-3
SEM BKBC6V1312	100-101	SEMINIS			2263			3021		1.5-na-2
MSU B09174	99-101	MSU	1607				2412	3150		na-2-2.5
MSU B09175	98-100	MSU	1814				2231	3093		na-1.5-2.5
MSU B09197	99-100	MSU	1533				2193	2937		na-1.5-2
MSU B09244	100-101	MSU	1688				2333	2928		na-1.5-2.5
			LSD=515	LSD=375	LSD=514		LSD=425	LSD=386		
			CV=24.5%	CV=14.0%	CV=16.2%		CV=13.5%	CV=9.3%		
<b>TEBO</b>										
TEBO	93-108	JAPAN		2618			1989			
FUJI	89-104	MSU		2494			2012			
<b>SMALL RED</b>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	3 LOC	
MERLOT	95-103	USDA/MSU	2034		2012		2080	2384	2159	

SR 06233		92-96	PROVITA			2076		1932	2227	2078	
SR 09305		91-102	PROVITA			2314		2425	2737	2492	
SR 07264		95-104	PROVITA			3053		2164	2525	2581	
SR 09303		88-101	PROVITA			2627		2684	2994	2768	
SR 09304		88-98	PROVITA			2652		2377	2871	2633	
MSU R08516		90-103	MSU			1955		2243	2548	2249	
						LSD=611		LSD=376	LSD=349		
						CV=16.5%		CV=11.1%	CV=9.0%		
<u>PINTO</u>		DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	3-6 LOC	
OTHELLO		84-86	USDA	2055	3558			2436		2683	
SANTA FE		92-96	MSU	1925	2828		2710	1734		2162	
LA PAZ		94-96	PROVITA	2426	3374			2429		2743	
GTS 904		90-98	GTS		2925			2104			
GTS cob 2824-99		87-94	GTS		2975			1753			
GTS cob 816-03		92-99	GTS		2458			2243			
LARIAT		89-98	NDSU	2587	3155		3334	2111		2618	
MSU P07863		99-102	MSU	2731	3863	2404	3495	2491	2958	3028-2990	
MSU P09420		89-90	MSU	2496	2532		2803				
MSU P10502		91-92	MSU	1912	2787		2589				
				LSD=498	LSD=571		LSD=478	LSD=360			
				CV=14.9%	CV=13.1%		CV=10.4%	CV=11.3%			
<u>GREAT NORTHERN</u>											
MATTERHORN		88-90	MSU					1756	2094		
MSU G08263		90-91	MSU					1726	2378		
MSU G09303		90-91	MSU					1612	2384		
COYNE		89-90	UN					1747	1989		
								LSD=372	LSD=402		
								CV=13.6%	CV=11.4%		
<u>PINK</u>											
SEDONA		91-98	MSU			2129		2294	2212		
MSU S08409		92-100	MSU			2105		2210	2495		
MSU S08418		94-102	MSU			2031		2148	2273		
MSU S08419		94-102	MSU			1764		1900	2432		
						LSD=352		LSD=231	LSD=433		
						CV=11.5%		CV=6.8%	CV=11.5%		
<u>CRANBERRY</u>		DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA		
SVM TAYLOR		88-89	ADM				2416				
CAPRI		91-93	MSU		1966		2391				

ETNA		88-90	SEMINIS		1622		2398			
ADM C213259		89-91	ADM		2138		2135			
KRIMSON		91-93	BASIN		1817		2059			
CHIANTI vine		100-101	SEMINIS		1768		2210			
BELLAGIO vine		103-104	MSU		1832		2279			
MSU C07411		90-94	MSU		2138		2191			
					LSD=838		LSD=500			
<u>LIGHT RED KIDNEY</u>					CV=28.0%		CV=14.9%			
CHINOOK 2000	104-110		MSU		2249		2344			
CALIF ELRK	86-90		CAL		1875		1955			
PINK PANTHER	90-92		SEMINIS		2172		2242			
CLOUSEAU	90-93		SEMINIS		2251		2652			
OAC INFERNO	105-110		OAC		2611		2843			
MSU K06619	99-101		MSU		2180		2664			
					LSD=384		LSD=652			
					CV=11.5%		CV=17.7%			
<u>DARK RED KIDNEY</u>										
RED HAWK	97-98		MSU		2082		2319			
MONTCALM	100-102		MSU		2020		2121			
RED ROVER	96-98		SEMINIS		2436		2873			
MSU K08222	100-103		MSU		1877		2457			
MSU K08228	100-102		MSU		1981		2644			
					LSD=563		LSD=386			
					CV=17.3%		CV=9.8%			
<u>ALUBIA-W. KID.</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA		
BELUGA	101-104		MSU		1768		2271			
MSU K08961	92-94		MSU		1815		1995			
MSU K10902	99-101		MSU		1417		1848			
					LSD=568		LSD=580			
<u>YELLOW</u>					CV=18.7%		CV=16.5%			
SEM 08560863	101-108		SEMINIS		2486		2392			
MYASI	99-105		ADM		2302		1985			
<u>YELLOW EYE</u>										
GTS 1701	98-102		GTS				2368			
<u>ADZUKI</u>										
ERIMO	100-102		JAPAN		1554					
ORIGIN KEY					Greg Varner					
MSU=MICHIGAN STATE UNIVERSITY					Michigan Dry Bean Production Research Advisory Board					

GTS=GEN-TEC SEEDS LIMITED		8439 North Blair Road					
SEMINIS-SEMINIS SEEDS		Breckenridge, Michigan 48615					
ADM==ARCHER DANIELS MIDLAND		989-751-8415 phone					
HYLAND=HYLAND SEEDS, LIMITED		<a href="mailto:varnerbean@hotmail.com">varnerbean@hotmail.com</a>					
COOP=COOPERATIVE ELEVATOR-PROVITA							
CAL=UNIVERSITY OF CALIFORNIA-DAVIS		Maturity days = planting until harvest in 2011					
NYC=CORNELL UNIVERSITY-NEW YORK		Direct -Cut Lodging Ratings = 1-erect, 5-laying flat on ground.					
USDA=UNITED STATES DEPT. OF AGRIC.ARS		White Mold Rating = 1-10% mold, 5-100% mold. No White Mold to Rate in 2011.					
NDSU=NORTH DAKOTA STATE UNIVERSITY							
OAC===UNIVERSITYofGUELPH		Huron, Sanilac and Tuscola were direct harvested.					
PROVITA=PROVITA SEEDS		Bay, Gratiot and Montcalm navies and blacks were direct harvested					
AAFC==AAFC GPCRC HARROW		and colored beans were hand pulled and harvested.					
BASIN==BASIN SEED COMPANY							
UN=UNIVERSITY OF NEBRASKA							