

2005 MICHIGAN DRY BEAN TRIALS

COUNTY & COOPERATOR: BAY-G & E Meylan Farms

GRATIOT-Weburg Farms; HURON-Gro-Green Farms; MONTCALM-Jim Jackson Farm

SANILAC-Jared Heilig Farm; TUSCOLA-Hadaway Brothers LLC

PLANTING DATES			JUNE 23	JUNE 20	JUNE 22	JUNE 7	JUNE 4	JUNE 23	<u>2005 AVE</u>	
<u>VARIETY-NAVY</u>	<u>DAYS</u>	<u>ORIGIN</u>	<u>BAY</u>	<u>GRATIOT</u>	<u>HURON</u>	<u>MONTCALM</u>	<u>SANILAC</u>	<u>TUSCOLA</u>	<u>6 LOC</u>	<u>LOC</u>
VISTA	96-99	GEN	2491	2529	2169	3069	2412	2004	2446	2298
SEAHAWK	94-99	MSU	2878	2454	2294	2777	2753	2245	2567	2468
COOP 99037	92-97	COOP	2988	2869	2225	2189	2623	2550	2574	2658
COOP 99042	94-101	COOP	2663	2059	2209	2288	2580	2601	2400	2383
COOP 99070	93-99	COOP	2478	2502	2210	2614	1853	2181	2306	2343
COOP 99081	93-98	COOP	2414	2440	2551	2769	1965	2231	2395	2409
COOP 00076	92-100	COOP	2772	2618	2276	2248	2609	2725	2541	2598
COOP 01051	94-101	COOP	2744	2582	2320	2566	2294	2717	2537	2591
COOP 01054	94-101	COOP	2152	2573	2345	3061	2497	2251	2480	2330
COOP 03019	93-97	COOP	3093	3110	2395	2910	2458	2836	2800	2859
SCEPTER	97-101	GEN	2214	2270	2149			1827		2115
GTS 544	95-98	GEN	2637	2638	2651			2623		2637
GTS 548	91-97	GEN	2779	2679	2477			2454		2597
GTS 557	95-99	GEN	2304	2438	2439			2199		2345
ASG 04YT13	93-97	ASG		2682	2536					
ASG 0812	94-97	ASG		2513	2171					
ENSIGN	88-89	SYN		2077	2494					
ROG 417	87-88	SYN		2500	1862					
COOP 00038	92-94	COOP		2170	2151					
COOP 03015	94-96	COOP		2728	2039					
COOP 03024	96-98	COOP		2631	2072					
COOP 03026	91-94	COOP		2900	2217					
MAYFLOWER	94-96	MSU		2512	2152					
SCHOONER	93-94	SYN		2969	2484					
BEACON	93-96	WGT			2202			2242		
T 9905	94-97	WGT		3058	2341			2864		
T 10205	93-98	WGT			2479			2484		
T 10303	94-96	WGT			2350			2420		
T 10306	95-98	WGT		2380	2176					
T 10307	93-95	WGT		2497	2308					

LSD=275 LSD=288 LSD=404 LSD=385 LSD=523 LSD=407
 CV=7.4% CV=7.9% CV=12.5% CV=10.0% CV=15.0% CV=11.9%

NAVY-CONT.	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	2005 AVE	
ADM N128420	93-94	ADM		2511	2766					
ADM N129400	93-95	ADM		2683	2172					
ADM N128416	92-95	ADM		2482	2249					
N02237	88-92	MSU		3094	2249					
N04106	94-97	MSU		2253	2069					
N04159	93-95	MSU		2337	2344					
ROG 331	91-93	SYN		3117	2755					
AVANTI	90-91	ASG		2966	2428					
NAVIGATOR	94-95	SYN		2498	2020					

<u>BLACK</u>									6 LOC	5 LOC
T-39	93-98	CAL	2304	2377	1757	2633	1973	2261	2218	2134

CONDOR	94-98	MSU	2434	2652	1864	2297	2003	2330	2263	2257
MIDNIGHT	97-100	NYC	2561	2418	2018		2031	2273		2260
JAGUAR	93-97	MSU	2663	2765	1849		2420	2886		2517
DOMINO	97-100	MSU	1867	2288	1898		1980	1966		2000
BL 99066	93-97	COOP	2459	2683	1806	2175	1875	2334	2222	2231
BL 00044	96-100	COOP	2415	2755	1995	2827	1936	2436	2394	2307
BLACK RHINO	96-99	CIAT	2809	2602	1959	2952	2192	2410	2487	2394
BLACK JACK	93-96	GEN		2579			1724	2637		
GTS-1102	96-100	GEN		2674			1986	2533		
BLACK VELVET	97-100	ASG		2517	2110			2409		
ASG 04YT38	93-97	ASG		2797	2224					
ONYX	93-96	SYN		2548			1937	2118		
B01741	94-97	MSU		2898			2461	2922		
B04542	98-100	MSU		2761			2443	2839		
B04213	97-99	MSU		2360			2164			
B04222	93-97	MSU		2802			2232	2579		
ADM B211244	88-89	ADM		2323	1752					
ADM B201240	96-97	ADM		2463	1884					
ADM B212243	88-91	ADM		2378	1844					
ECLIPSE	91-94	NDSU		2766			2167			
B04644	94-95	MSU		2808			2077	2744		

LSD=336 LSD=212 LSD=543 LSD=454 LSD=248 LSD=349
CV=9.4% CV=5.8% CV=19.8% CV=11.4% CV=8.3% CV=9.9%

ADZUKI

ERIMO	100-103	JAPAN		2619						
WSU 201	101-103	WSU		2380						

2005 AVE

<u>SMALL RED</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	6 LOC	LOC
MERLOT	92-97	USDA	2410	2475	2739	2694	2754	2345	2570	2562
BROOKS	95-105	BROOKS	1532		2159		2483	1927		2025
UI 239	88-96	IDAHO	2398	2482	2612		2852	1939	2457(5)	2450
RED RYDER	84-87	SYN			2168					
RUFUS	95-105	USDA	1675		1967		2542	1567		1938
R02189	93-97	USDA			2640					

LSD=173 LSD=281 LSD=227 LSD=427
CV=5.4% CV=7.8% CV=5.4% CV=13.7%

<u>PINTO</u>									4 LOC	3 LOC
OTHELLO	83-86	USDA	2343		2468		2808	1762	2345	2304
BUSTER	88-93	ASG	2693				2718	2613		2675
P02633	90-93	MSU					2809	2363		
P02647	92-94	MSU					2552	2678		
I03360	96-99	USDA					2646	1831		
P04203	92-93	MSU					2712	2629		
ADM P207221	99-101	ADM	1917		2105					
ADM P236221	95	ADM	2117		2202					
ADM P123400	101-105	ADM	2249		2304					

LSD=183 LSD=347 LSD=198 LSD=282
CV=5.3% CV=9.6% CV=4.8% CV=8.1%

GREAT NORTHERN

MATTERHORN	87-91	MSU	2444	2917	2537	3133	2520	2544	6 LOC	4 LOC
TEBO	96-103	JAPAN		2421	2054		2196	2757	2683	2630
ROG 591	86-87	SYN					2240	2877		2357
GN ORION	86-88	COOP					2062	2774		

GN 99131	90-92	COOP					2355	2482
G02453	89-92	MSU					2708	2669
G04510	90-92	MSU					2270	2664
G02456	89-91	MSU					2144	2589
							LSD=323	LSD=466
							CV=9.5%	CV=11.9%

<u>PINK</u>									6 LOC
SEDONA	92-95	MSU	2226	2441	2289	2557	2686	2421	2437
S02753	92-95	MSU			2504			2355	

<u>CRANBERRY</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	3 LOC
SVM TAYLOR	89-91	ASI	1172			2406		2276	1951
ETNA	89-92	ASG	1974			2596			
CAPRI	92-95	MSU	1905			2584		2287	2259
CRAN 09	89-91	GEN	1046			2580			
COB 1124-99	101-110	GEN	GREEN			1811			
ASG 04YT146	92-95	ASG	1869			2541			
ASG EX 0759	94-97	ASG	1762			1877			
C03163	92-95	MSU	1207			1892			
C03108	95-99	MSU	1964			2460			
C03121	95-99	MSU	1570			1631			
C03153	101-110	MSU	2039			2384			
ADM C000117	90-94	ADM	1382			1788			
ADM C200191	90-92	ADM	1619			2125			

			LSD=361			LSD=521			
<u>LIGHT RED KIDNEY</u>			CV=15.4%			CV=16.4%			
CHINOOK 2000	99-102	MSU	1509			2214			
CALIF ELRK	90-91	CAL	1268			2469			
PINK PANTHER	93-96	ASG	1530			2234			
ASG 0711	92-97	ASG	811			2484			
ASG 0714	93-99	ASG	1315			2781			
ASG 0760	92-99	ASG	1429			2323			
ADM LRK-7	90-94	ADM	1444			2529			
ADM LRK-33	90-91	ADM	1348			2601			
K03601	99-103	MSU	1405			2559			

			LSD=282			LSD=528			
<u>DARK RED KIDNEY</u>			CV=14.7%			CV=14.7%			
RED HAWK	94-99	MSU	1542			2299			
MONTCALM	98-105	MSU	1047			2451			
ADM D000264	94	ADM	1796			2586			
ADM D200207	93-97	ADM	1365			2021			
ASG 0718	98-103	ASG	1609			2818			
ASG 0721	92-96	ASG	1545			2852			
COB 2179-99	98-100	GEN	1287			2542			
COB 2258-99	97-100	GEN	1292			2386			
K03240	97-100	MSU	1427			2552			
K03241	98-101	MSU	1267			2074			
Pro Vita 03304	104-108	PROVITA	1245			1674			
			LSD=285			LSD=458			
			CV=14.1%			CV=13.3%			

<u>ALUBIA</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA
BELUGA	102-105	MSU	1382			2452		
GTS 401	97-104	GEN	2012			3061		
K01974	102-105	MSU	1683			2743		
K04612	93-95	MSU	2015			2673		
			LSD=456			LSD=652		

CV=13.6%

CV=14.9%

YELLOW EYE&MISC.

GTS 1701	95-green	GEN	GREEN	1106
RED COAT	94-105	MSU	1145	1817

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

NDSU=NORTH DAKOTA STATE UNIVERSITY

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GREEN=NEVER DRIED DOWN