

2008 MICHIGAN DRY BEAN TRIALS

COUNTY & COOPERATOR: BAY-Jack Knochel Farm

GRATIOT-Hrabal Farms; HURON-Gettel Farms; MONTCALM-Grassley Farms

SANILAC-Stoutenburg Farms; TUSCOLA-Mark Bauer Farm

PLANTING DATES			JUNE 24	JUNE 16	JUNE 3	JUNE 18	JUNE 4	JUNE 25	2008 AVE	lodge rating
VARIETY-NAVY	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	6 LOC	direct-cut Tuscola Co.
VISTA	99-100	GEN	2125	2146	2180	2437	3348	2831	2511	2
SEAHAWK	95-97	MSU	2331	2139	2465	2521	3357	2714	2588	3.5
N05324	97-98	MSU	2665	2060	2209	2578	3310	2887	2618	1.5
MEDALIST	97-99	COOP	2451	2319	2181	2566	3821	2902	2707	2
COOP 03019	96-99	COOP	2478	2570	1707	2442	3179	2953	2555	2
COOP 02084	94-97	COOP	1972	2298	2154	2542	3311	2919	2533	2
COOP 02098	97-99	COOP	1780	2107	1758	2305	3399	2540	2315	2
N05311	96-98	MSU		1727	2414	2337	3134			
GTS 544	95-99	GEN	1949	2215	2250			2878		2.5
RELIANT	95-99	GEN	2158	1896	2304			2835		2.5
LIGHTNING	96-98	OAC		1763	1980	2593		3010		2
OAC 05-2	95-100	OAC		1991	2606	2662		3219		3.5
OAC 06-2	96-97	OAC		1642	1798	2422		2883		2
HYLAND T 9905	98-99	HYLAND		2085	2680			3529		2.5
HYLAND T 10303	99-100	HYLAND		2103	2761			3035		3
HYLAND T 10307	97-99	HYLAND		2065	2060			3017		1.5
COOP 01051	97-98	COOP			2215		3333	3120		2
COOP 99039-3	96-97	COOP			2286		3467	3059		2
COOP 03036	96-97	COOP			2072		3193	3074		2.5
COOP 03077	95-96	COOP			2215		3003	2742		3.5
COOP 05059	95-96	COOP			1624		3120	2863		2.5
COOP 05062	95-98	COOP			2262		3129	2711		2
COOP 06057	96-98	COOP			1527		3233	2698		2
COOP 06063	95-99	COOP			2083		3432	2994		2
SEABISKET	100-101	ADM	2190		2222			2691		3
ADM N3467	96-100	ADM	2274		1973			2560		3
ADM N203185	96-99	ADM	2423		1930			3155		2
ADM N220185	97-98	ADM	2241		1875			2621		2
ADM N3284	99-100	ADM	2480		2394			2584		1.5
ADM N3724	97-99	ADM	1977		2492			3069		2

LSD=613 LSD=332 LSD=798 LSD=265 LSD=344 LSD=372
 CV=19.7% CV=11.4% CV=27.0% CV=7.4% CV=7.3% CV=9.1%

										lodge rating
NAVY-CONT.	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	2007 AVE	direct-cut
ADM 5027557	95-96	ADM	2048		1765			3275		1
ADM 5039540	95-97	ADM	1806		1342			2992		1.5
ADM 5058566	97-99	ADM	2050		2121			2852		2.5
SCHOONER	97-99	SYN		2338	2159					
NAVIGATOR	97-98	SYN		1809	1964					
ROG 331	95-98	SYN		1955	1789					
ENSIGN	90-92	SYN		1949	2161					

<u>BLACK</u>									5 LOC	
T-39	95-96	CAL	2267	1815	2740		3305	2801	2586	4
CONDOR	96-98	MSU	2206	2036	2744	2107	3080	2987	2611	2.5
JAGUAR	95-97	MSU	2018	2054	2792	2092	3143	3066	2615	1.5
ZORRO	97-99	MSU	2314	1873	2985	2178	3562	3227	2792	1.5
MIDNIGHT	99-105	NYC		1810	2832		3257	3292		2.5
DOMINO	99-104	MSU		2049	2974		3479	3068		2.5
ECLIPSE	93-96	NDSU		1892	2783		3178	2875		1
BLACK VELVET	99-103	SEMINIS		2181	3101			3253		2
LORETO	98-102	COOP			3081		3467	2955		2.5
COOP BL 05222	97-101	COOP			2985		3282	2891		3
BL 04349	99-105	COOP-PRO			3300		3265	2513		2.5
BL 05226	94-98	COOP-PRO			2636		2967	2897		2
BL 04352	95-99	COOP-PRO			3021		3517	2737		2
BL 05224	92-95	COOP-PRO			2225		2962	2754		4
BL 05228	97-102	COOP-PRO			2975		3409	2933		2.5
BL 06252	97-102	COOP-PRO			3088		3605	3035		2.5
SHANIA	99-104	ADM	2422		3134			3298		2.5
BANDIT	99-103	ADM	2260		3039			2965		2.5
SW-B5019630	96-97	ADM	1903		2657			3015		2
SW-B315039	94-98	ADM	1878		2914			2870		2.5
BLACKJACK	95-97	GEN	1959			2182				
COB 67-03	98-99	GEN	2208			2444				
COB 214-99	97-99	GEN	2577			2418				
B04587	95-98	MSU		2151			3282	2962		1.5

LSD=284 LSD=426 LSD=312 LSD=245 LSD=353 LSD=270
CV=9.0% CV=14.7% CV=7.6% CV=7.3% CV=7.5% CV=6.4%

<u>SMALL RED</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	3 LOC
MERLOT	93-97	USDA	2130	2269	2222		3261	1614	2366
SR 06233	90-93	PROVITA			2314		3009	1912	2412

<u>PINTO</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	6 LOC
OTHELLO	82-84	USDA	1764	2037	2558	2805	2997	2570	2455
SANTA FE	92-94	MSU	2478	1562	2456	2360	2944	2768	2428
BUSTER	88-89	SEMINIS		2110			3286		
WINDBREAKER	89-90	SEMINIS		1583			3349		
GTS 904	94-95	GEN		2300			3660		
P06131	89-92	MSU		1831		2350	2885		
P07863	94-96	MSU		2354			3231		
P07405	90-93	MSU		1502		2223	3332		
				LSD=386		LSD=412	LSD=595		
				CV=13.8%		CV=10.6%	CV=12.6%		

<u>GREAT NORTHERN</u>									
MATTERHORN	88-89	MSU		1534			3204	2143	
G07302	90-91	MSU					3018	2321	
GN 0815	90-92	SEMINIS					3140		

<u>TEBO</u>									
TEBO	94-96	JAPAN		573			3171		
FUJI	90-93	MSU		990			3534		
G06209	92-94	MSU		1298			3249		
				LSD=370			LSD=333		
				CV=21.0%			CV=6.9%		

<u>PINK</u>									
SEDONA	91-96	MSU		2435	2591		2983		

<u>CRANBERRY</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA
SVM TAYLOR	82-90	ASI	1334	1229		1930		
CAPRI	92-95	MSU	1268	1642		2381		
ETNA	84-92	SEMINIS	1512			2022		
CHIANTI	94-97	SEMINIS	1579			2181		
CR 0927	93-96	SEMINIS	1567			2258		
CR 0928	90-93	SEMINIS	1143			2147		
07yt222	84-92	SEMINIS	1554			1990		
07yt228	94-97	SEMINIS	1353			2015		
BD 1003	91-95	BASIN	1471			2598		
C07403	90-94	MSU	1338			2036		
C07409	90-95	MSU	1047			1707		
C07410	92-96	MSU	1099			1981		
C06808 vine	94-98	MSU	1566			2044		
			LSD=397			LSD=478		
			CV=20.2%			CV=15.9%		

<u>LIGHT RED KIDNEY</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA
CHINOOK 2000	98-100	MSU	1419			2260		
CALIF ELRK	84-91	CAL	1345			1530		
PINK PANTHER	91-95	SEMINIS	1562			1961		
ASG 0714	88-92	SEMINIS	1720			2384		
SW-LRK 7	92-93	ADM	1270			1688		
SW-L945138.1	85-90	ADM	1369			2143		
OAC 06-L1	95-98	OAC	1526			1913		
K07713	85-90	MSU	1722			1689		
K06619	96-99	MSU	1659			2019		
			LSD=378			LSD=356		
			CV=17.1%			CV=12.5%		

<u>DARK RED KIDNEY</u>	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA
RED HAWK	94-97	MSU	1341			2195		
MONTCALM	98-99	MSU	1466			2115		
RED ROVER	92-96	SEMINIS	1423			2106		
DRK 0897	90-94	SEMINIS	1334			2247		
07yt135	90-94	SEMINIS	1433			2270		
GTS 104	96-99	GEN	1448			2089		
GTS cob 472-03	96-98	GEN	1334			2151		
GTS cob 474-03	95-97	GEN	1548			2025		
OAC 03-D1	96-98	OAC	1660			1818		
OAC 05-D2	94-97	OAC	1454			2085		

DARK RED KIDNEY

CONT.	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA
SW-D107271	94-96	ADM	1510			2010		
SW-D000264	92-95	ADM	1295			1955		
K06001	95-98	MSU	1620			2320		
K06012	98-100	MSU	1594			2262		
			LSD=325			LSD=312		
			CV=15.6%			CV=10.3%		

ALUBIA-W. KID.

BELUGA	96-100	MSU	1487			1921		
K07921	96-100	MSU	1530			1949		

YELLOW EYE&MISC.

GTS 1701	95-99	GEN	1593			2201		
RED COAT	94-97	MSU	1703			2097		

ADZUKI

ERIMO	100-103	JAPAN		1684				
-------	---------	-------	--	------	--	--	--	--

YELLOW

Y-0863	99-103	SEMINIS	1626			2231		
--------	--------	---------	------	--	--	------	--	--

ORIGIN KEY

MSU=MICHIGAN STATE UNIVERSITY

GEN=GEN-TEC SEEDS LIMITED

SEMINIS-SEMINIS SEEDS

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

USDA=UNITED STATES DEPT. OF AGRIC.ARS

BASIN=BASIN PLANT BREEDING-SEEDS

UI=UNIVERSITY OF IDAHO

NDSU=NORTH DAKOTA STATE UNIVERSITY

OAC===ONTARIO AGRICULTURE COLLEGE

PROVITA=PROVITA SEEDS

Greg Varner

Michigan Dry Bean Production Research Advisory Board

3066 South Thomas Road

Saginaw, Michigan 48609

989-781-0260 phone and fax

varnerbean@hotmail.com

Direct -Cut Lodging Ratings = 1-erect, 5-laying flat on ground.