

## 2007 MICHIGAN DRY BEAN TRIALS

COUNTY & COOPERATOR: BAY-Jack Knochel Farm

GRATIOT-Hrabal Farms; HURON-Steve Errer Farm; MONTCALM-Larry Ek Farm

SANILAC-Gerald Keinath Farm; TUSCOLA-Ken Schmandt Farm

PLANTING DATES			JUNE 8	JUNE 9	JUNE 12	JUNE 9	JUNE 7	JUNE 11	2007 AVE	White Mold	lodge rating	
VARIETY-NAVY	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	6 LOC	Huron	direct-cut	green stem
											Huron	Huron
VISTA	96-99	GEN	1533	1938	3467	2188	1868	2019	2169	1.5	2	1
SEAHAWK	94-99	MSU	1524	1863	3595	2274	1773	2043	2179	2	3.5	1
COOP 01051	96-100	COOP	1810	2000	3349	2402	1912	2203	2279	2	2	1
COOP 01054	96-100	COOP	1618	2179	3722	2547	1890	1947	2317	2	2	3.5
COOP 03019	94-97	COOP	2019	2021	3325	2236	1890	1977	2245	1	1.5	5
COOP 02084	94-97	COOP	1614	1602	3486	2125	1833	1911	2095	1	1	0.5
OAC 04-2	93-97	OAC	1361	1922	2910	2251	1694	1698	1973	1	1.5	4
COOP 00076	93-99	COOP			3205		1970	1877		1	1.5	0.5
COOP 99037	93-97	COOP			3136		1830	2114		2.5	3	0
COOP 99039-3	94-98	COOP			3268		1909	2112		1.5	2	1
COOP 02098	93-98	COOP			3349		1842	2108		1.5	1.5	0
GTS 544	96-100	GEN	1930	2044	3223			2338		3	3.5	2.5
GTS 554	94-99	GEN	1334	2003	3628			2091		2	3	2
GTS 555	94-97	GEN	1632	2062	3138			2233		2.5	2.5	1
GTS 557	95-99	GEN	1478	1832	3222			2033		1.5	3	2
GTSob4020-98	95-98	GEN	1785	2181	2656			2223		2	2.5	2
GTSob5528-99	94-97	GEN			2878			2099		2.5	2.5	1
GTSob4118-98	94-97	GEN			2956			2280		3	3	2
HYLAND T 9905	95-97	HYLAND		2023	3171			1905		2	2.5	0.5
HYLAND T 10303	95-98	HYLAND		2100	3459			2059		2	2	4
HYLAND T 10307	94-98	HYLAND		1717	3331			1805		1.5	1	2
SCHOONER	93-98	SYN		1696	3364					2	3.5	3
NAVIGATOR	94-96	SYN		1713	3385					1.5	1	1
ROG 331	92-95	SYN		1799	3323					2.5	3	1.5
ENSIGN	92-94	SYN		1836	3369					3	3.5	0.5
ASG 0811	92-96	ASG		1820	3048					3	2	1
ASG06FBF12511	95-97	ASG		1946	3139					3.5	3.5	0.5
ASG06FBF12515	95	ASG		1943	2965					3.5	3	0.5
ADM SEABISKET	93-98	ADM	1559		3382			2086		2.5	3.5	3
ADM N252185	94-97	ADM	1818		3253			2128		4	3.5	1.5
			LSD=446	LSD=407	LSD=564	LSD=199	LSD=217	LSD=241				
			CV=20.2%	CV=15.2%	CV=12.3%	CV=5.9%	CV=8.1%	CV=8.5%				

											lodge rating green stem	
NAVY-CONT.	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	2007 AVE	Huron w.mold	direct-cut	Huron
ADM N33210	95-98	ADM	1198		3264			1707		1	1.5	1
ADM N3284	96-99	ADM	1374		3208			1790		2	1.5	0.5
ADM N3467	94-98	ADM	1170		3418			1750		2	2.5	2.5
ADM N3724	93-97	ADM	1259		3440			1906		3	2.5	0.5

N04120	97-99	MSU		1581	2899					1.5	1.5	2
N05305	96-98	MSU		1847	3149					2	1.5	1
N05324	97	MSU		1976	3201					3	2	1
N06701	95-96	MSU		1747	3043					2.5	1.5	2

BLACK

T-39	93-98	CAL	1261	1662	3082		1723	1808	1907	3	4	3
CONDOR	94-98	MSU	1328	1798	3332	1720	1632	1781	1974	2	2.5	3
JAGUAR	93-97	MSU	1306	1780	3495		1555	1875	2006	1.5	1.5	2
MIDNIGHT	97-100	NYC	1221	1786	3343		1455	2053	1972	2.5	2.5	5
DOMINO	97-100	MSU	1243	1719	3353		1834	1736	1977	2.5	3	5
ECLIPSE	92-95	NDSU	1378	1431	3264		1543	1724	1868	1	1.5	1
LORETO, BL 00044	96-100	COOP	1259	1849	3248	1894	1606	1975	1987	1.5	2	5
COOP BL 05222	92-96	COOP	1158	1570	3241	1975	1938	1664	1914	3.5	3.5	3
BLACK RHINO	96-99	CIAT		1965			1613	2051				
BLACK VELVET	97-100	ASG		1836	3485			1976		2	2	5
ASG 0866	96-98	ASG		1713	3087			1699		3	3	4
ONYX	94-97	SYN		1717			1442	1882				
BL 04349	97-99	COOP-PRO			3547		1550	2066		3.5	3	4
BL 04352	96-98	COOP-PRO			3445		1657			2	2	1
BL 05224	94-95	COOP-PRO			2503		1878	1878		4.5	4.5	0.5
BL 05228	96-98	COOP-PRO			3347		1829	1830		3	3	3
BL 06252	98-99	COOP-PRO			3079		1738	1655		2	2	2.5
GTS ob 895-03	98-99	GEN	1140			1684						
B04316	97-98	MSU		1999			1599	1798				
B04554	96-98	MSU		1918			1898	1963				
B05055	95-98	MSU		1601			1320	1365				
B06312	96-99	MSU		1652			1576	1760				
BANDIT	97-99	ADM	1339		3242			1774		2	2	5
SHANIA	97-99	ADM	1229		3633			1790		2.5	2	4

LSD=384 LSD=322 LSD=598 LSD=310 LSD=261 LSD=198  
CV=21.1% CV=13.1% CV=12.8% CV=10.7% CV=11.1% CV=7.7%

SMALL RED

MERLOT	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	4 LOC
R06422	92-97	USDA		1686	2792		1929	1385	1948
UI 239	85-90	MSU		2007				1428	
	85-94	IDAHO					1985	1933	

LSD=232  
CV=8.5%

PINTO

OTHELLO	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA	4 LOC
PT LA PAZ	83-86	USDA		1809	2863		1595	1736	2001
PT 01223	90-92	PROVITA			3385		1986	1941	
PT 03261	90-93	PROVITA			3370		1739	2020	
P04205	93-94	PROITA			3037		1833	1989	
	90-93	MSU		1651			1705		

P05459	86-90	MSU	1875	1759
P05463	85-89	MSU	1621	1789
P06131	87-91	MSU	1751	1766
P06132	87-91	MSU	1696	1488
P04204	90-94	MSU	1552	1716
QUINCY	87-92	USDA	1935	1799
			LSD=231 LSD=336	LSD=300 LSD=175
			CV=9.1% CV=6.6%	CV=11.9% CV=5.7%

GREAT NORTHERN

MATTERHORN	87-91	MSU		1679	1595
G04510	89-92	MSU		1625	1453
G04517	87-90	MSU		1750	1533
G05219	88-91	MSU		1838	1681
G06207	88-90	MSU		1804	1823
				LSD=217 LSD=257	
TEBO				CV=8.1% CV=10.3%	
TEBO	92-98	JAPAN	1626	1736	
G04909	88-90	MSU	1597	1325	
G04911	87-90	MSU	1630	1308	
G05915	87-90	MSU	1480	1306	

PINK

SEDONA	90-95	MSU	1564	2711	2139	1946	2090
S02753	87-90	MSU		2998		1716	
S06404	86-88	MSU		3207		1891	
I06243	85-89	USDA		2937		1799	
				LSD=484 LSD=123			
				CV=19.1% CV=5.4%			

CRANBERRY

SVM TAYLOR	87-91	ASI	486	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA
CAPRI	92-95	MSU	290			2451		
ETNA	87-92	ASG	432			2206		
CHIANTI	94-97	ASG	425			2299		
ASG 06FBF12599	90	ASG	691			2066		
ASG 06FBF12601	91	ASG	630					
C06803	92-94	MSU	291			2199		
C06814	90-92	MSU	321			2014		
ADM C000117	92-94	ADM	221			1810		
ADM C213259	87-90	ADM	394			1899		
BD 1002	90-92	BASIN	554			2080		
BD 1003	87-90	BASIN	317			2391		
BD 1004	87-90	BASIN	335			2077		
I06208	90-93	USDA	267			2367		
						LSD=454		
						CV=14.7%		

LIGHT RED KIDNEY

DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA
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CHINOOK 2000	98-100	MSU	1031	2076
CALIF ELRK	85-91	CAL	736	2003
PINK PANTHER	90-95	ASG	705	1788
ASG 0714	85-90	ASG	811	1953
ASG 06FBF12552	88-92	ASG	834	1755
ADM LRK 7	88-91	ADM	789	2355
ADM L010146	85-89	ADM	656	2178
K005604	95-100	MSU	678	1932
OAC 04-L1	84-89	OAC	735	1903
				LSD=568
				CV=19.5%

DARK RED KIDNEY

RED HAWK	93-99	MSU	703	2226
MONTCALM	97-101	MSU	634	1802
K03240	95-99	MSU	909	2127
I05101	95-98	USDA	1068	2266
MOGUL	95-99	ELLIOTT	784	2024
GTS 104	97-100	GEN	996	2080
GTS 105	99-102	GEN	823	1937
GTS cob 474-03	94-96	GEN	1055	1952
OAC 03-D1	94-97	OAC	573	2045
OAC 05-D2	98-100	OAC	1061	1807

DARK RED KIDNEY

CONT.	DAYS	ORIGIN	BAY	GRATIOT	HURON	MONTCALM	SANILAC	TUSCOLA
ADM D107271	94-96	ADM	993			2090		
ADM D000264	92-95	ADM	878			2092		
ASG 0700	95-98	ASG	879			1978		
ASG 06FBF12559	95	ASG	722					
ASG 06FBF12563	96	ASG	856					

LSD=298  
CV=10.2%

ALUBIA-W. KID.

BELUGA	95-102	MSU	858	1985
K04604	87-94	MSU	704	2540
I06214	89-93	USDA	637	2550
SILVER CLOUD	99-104	USDA	627	1515

LSD=454  
CV=13.6%

YELLOW EYE&MISC.

GTS 1701	95-99	GEN	1207	1447
RED COAT	92	MSU		2116

ADZUKI

ERIMO	100-103	JAPAN		1453
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ORIGIN KEY

MSU=MICHIGAN STATE UNIVERSITY

Greg Varner

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  
ELLIOTT=ELLIOTT PLANT BREEDING  
USDA=UNITED STATES DEPT. OF AGRIC.ARS  
BASIN=BASIN PLANT BREEDING-SEEDS  
UI=UNIVERSITY OF IDAHO  
NDSU=NORTH DAKOTA STATE UNIVERSITY  
OAC===ONTARIO AGRICULTURE CANADA  
PROVITA=PROVITA SEEDS  
CIAT=CENTER OF INTERNATIONAL AGRICULTURAL TROPICAL

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Bay County had severe drought stress.  
Severe white mold in Huron County Trials.

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