

## 1998 MICHIGAN DRY BEAN TRIALS

COUNTY & COOPERATOR: BAY-Melvin&Dale Krauss;Arenac-Bob Schutte  
 GRATIOT-Lowell Anderson;HURON-Mel&Troy Gingrich;MONTCALM-Greg McCathy  
 SANILAC-Dennis Flanagan; TUSCOLA-Dean Hadaway

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| PLATING DATES |             | JUNE 8     | JUNE 3         | JUNE 9       | JUNE 14         | JUNE 7         | JUNE 16        | JUNE 14       |                 |
|---------------|-------------|------------|----------------|--------------|-----------------|----------------|----------------|---------------|-----------------|
| <u>Nav</u>    | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> | <u>SANILAC</u> | <u>TUSCOLA</u> | <u>ARENAC</u> | <u>1998 AVE</u> |
| VISTA         | 90-98       | 2330       | 1507           | 2353         |                 | 1987           | 2001           | 1863          | 2036            |
| SCHOONER      | 85-96       | 2223       | 1324           | 2361         |                 | 2061           | 2107           |               | 2015            |
| AVANTI        | 85-93       | 2125       | 1264           | 2223         |                 | 1502           | 1950           | 1859          | 1813            |
| MAYFLOWER     | 90-98       | 2272       | 1303           | 2581         |                 | 1973           | 1990           | 1927          | 2024            |
| NEWPORT       | 84-90       |            | 1219           | 2439         |                 |                |                | 1819          |                 |
| HURON         | 88-90       |            | 1339           | 2024         |                 |                |                |               |                 |
| MACKINAC      | 87-97       | 2094       | 1425           | 2448         |                 | 1983           | 2095           | 1957          | 2009            |
| N.DAK-04      | 88-99       | 2324       | 1179           | 2619         |                 | 2131           | 2052           | 1848          | 2061            |
| ROG 331       | 92-93       |            | 1379           | 2626         |                 |                |                |               |                 |
| ROG 372       | 91-92       |            | 1273           | 2323         |                 |                |                |               |                 |
| CRESTWOOD     | 97-99       |            | 1433           | 2602         |                 |                |                |               |                 |
| NAVIGATOR     | 94-96       |            | 1120           | 2235         |                 |                |                |               |                 |
| ALBION        | 86-94       |            | 1322           | 2287         |                 |                |                | 1809          |                 |
| STINGRAY      | 86-96       | 2397       | 1123           | 2797         |                 |                | 2034           |               |                 |
| PILOT         | 85-93       |            |                | 2141         |                 |                | 1809           |               |                 |
| PARTNER       | 85-93       |            |                | 2334         |                 |                | 1781           |               |                 |
| ASG97YT8      | 89-92       |            | 1066           | 2337         |                 |                |                |               |                 |
| ASG97YT10     | 91-94       |            | 1106           | 2611         |                 |                |                |               |                 |
| ASG97YT26     | 96-97       |            | 936            | 1943         |                 |                |                |               |                 |
| ASG97YT32     | 97-99       |            | 1576           | 2693         |                 |                |                |               |                 |
| ASG97YT34     | 96-98       |            | 1099           | 2608         |                 |                |                |               |                 |
| ASG97YT51     | 90-93       |            | 1081           | 2358         |                 |                |                |               |                 |
| ASG85-5054-7  | 97          |            |                | 2906         |                 |                |                |               |                 |
| T9503         | 85-92       |            |                | 2172         |                 |                | 1958           |               |                 |
| T9505         | 94          |            |                | 2603         |                 |                |                |               |                 |
| T9507         | 95          |            |                | 2692         |                 |                |                |               |                 |
| N95512        | 95-98       |            | 1079           | 2204         |                 |                |                |               |                 |
| N97754        | 93-98       |            | 975            | 1984         |                 |                |                |               |                 |
| N97774        | 94-99       |            | 1142           | 2557         |                 |                |                |               |                 |
| N97767        | 94-97       |            | 1148           | 2020         |                 |                |                |               |                 |
|               |             | LSD=421    | LSD=375        | LSD=462      |                 | LSD=379        | LSD=248        | LSD=178       |                 |
|               |             | CV=12.6%   | CV=12.7%       | CV=13.7%     |                 | CV=13.0%       | CV=8.6%        | CV=6.4%       |                 |

| PLATING DATES |             | JUNE 8     | JUNE 3         | JUNE 9       | JUNE 14         | JUNE 7         | JUNE 16        | JUNE 14       |                 |
|---------------|-------------|------------|----------------|--------------|-----------------|----------------|----------------|---------------|-----------------|
| <u>Black</u>  | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> | <u>SANILAC</u> | <u>TUSCOLA</u> | <u>ARENAC</u> | <u>1998 AVE</u> |
| T-39          | 85-96       | 1954       | 672            | 2403         |                 | 1818           | 2112           | 1711          | 2000            |
| BLACK JACK    | 85-96       | 1919       | 819            | 2653         |                 | 1512           | 1915           | 1623          | 1924            |
| MIDNIGHT      | 90-99       | 2082       | 764            | 2522         |                 | 1925           | 2049           | 1848          | 2085            |
| BLACK HAWK    | 87-97       | 2161       | 852            | 2630         |                 | 1889           | 2041           | 1768          | 2098            |
| ONYX(ROG 925  | 92-96       |            | 906            | 2529         |                 |                |                |               |                 |
| GTS OB 16-89  | 86-96       |            | 681            | 2387         |                 | 1650           | 2026           |               |                 |
| BLACK KNIGHT  | 86-95       |            | 886            | 2396         |                 | 1508           | 2253           |               |                 |
| B95203        | 85-96       |            | 955            | 2531         |                 | 1616           | 1785           | 1747          |                 |
| B95204        | 83-95       |            | 892            | 2387         |                 | 1761           | 1886           | 1778          |                 |
| B95556        | 82-92       |            | 797            | 2511         |                 | 1702           | 1873           | 1708          |                 |
| B96659        | 84-97       |            | 779            | 2254         |                 | 1869           | 2079           |               |                 |
|               |             | LSD=387    | LSD=236        | LSD=283      |                 | LSD=329        | LSD=210        | LSD=187       |                 |

CV=11.9% CV=20.0% CV=7.9% CV=13.2% CV=7.2% CV=7.2%

| <u>PINTO</u> | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> | <u>SANILAC</u> | <u>TUSCOLA</u> | <u>ARENAC</u> | <u>1998 AVE</u> |
|--------------|-------------|------------|----------------|--------------|-----------------|----------------|----------------|---------------|-----------------|
| OTHELLO      | 77-85       | 2298       | 1632           | 2366         |                 | 2190           | 2517           | 1927          | 2155            |
| AZTEC        | 81-93       | 2106       |                |              |                 | 2181           | 1999           | 1645          |                 |
| KODIAK       | 82-96       | 2243       | 1261           | 2548         |                 | 2415           | 2393           | 1564          | 2071            |
| MAVERICK     | 80-93       | 2174       | 1015           | 2090         |                 | 2169           | 2105           | 1728          | 1880            |
| VISION       | 90-94       |            |                |              |                 | 2745           | 2396           |               |                 |
| GTS 900      | 85-98       |            | 1136           | 2424         |                 | 2633           | 2339           |               |                 |
| ASG85-5051-7 | 81-87       |            |                |              |                 | 2303           | 2397           |               |                 |
| ROG 179      | 80-86       |            |                |              |                 | 2150           | 2373           |               |                 |
| P95416       | 85-94       |            |                |              |                 | 1980           | 2029           |               |                 |
| P97803       | 81-93       |            |                |              |                 | 2362           | 2186           |               |                 |
| P97816       | 84-89       |            |                |              |                 | 2145           | 1743           |               |                 |
|              |             | LSD=330    | LSD=294        | LSD=132      |                 | LSD=405        | LSD=213        | LSD=239       |                 |
|              |             | CV=9.5%    | CV=14.6%       | CV=3.5%      |                 | CV=12.2%       | CV=6.6%        | CV=8.7%       |                 |

| <u>GR NORTHERN</u> | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> | <u>SANILAC</u> | <u>TUSCOLA</u> | <u>ARENAC</u> | <u>1998 AVE</u> |
|--------------------|-------------|------------|----------------|--------------|-----------------|----------------|----------------|---------------|-----------------|
| MATTERHORN         | 77-88       | 2230       | 1070           | 2305         | 2665            | 2249           | 2250           | 1772          | 2077            |
| TEBO               | 86-97       | 2095       | 1524           | 2443         | 2267            | 2508           | 2028           | 1711          | 2082            |
| G95157             | 80-93       |            | 922            | 1831         |                 | 2025           | 1788           |               |                 |
| G97939             | 84-95       |            | 1282           | 2066         |                 | 2090           | 1900           |               |                 |
|                    |             |            | LSD=564        | LSD=330      |                 | LSD=279        | LSD=378        |               |                 |
|                    |             |            | CV=32.2%       | CV=9.5%      |                 | CV=7.9%        | CV=11.9%       |               |                 |

| <u>SMALL RED</u> | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> | <u>SANILAC</u> | <u>TUSCOLA</u> | <u>ARENAC</u> | <u>1998 AVE</u> |
|------------------|-------------|------------|----------------|--------------|-----------------|----------------|----------------|---------------|-----------------|
| RUFUS            | 95-99       | 2500       | 1429           | 2582         |                 | 2768           |                | 1320          | 2120            |
| UI 228           | 90-95       | 2068       | 816            | 2302         |                 | 2274           |                | 1476          | 1787            |
| BROOKS           | 95-99       | 2212       | 1038           | 2431         |                 | 2751           |                | 1302          | 1947            |
|                  |             | LSD=323    | LSD=782        | LSD=159      |                 | LSD=322        |                |               |                 |
|                  |             | CV=8.3%    | CV=41.3%       | CV=3.8%      |                 | CV=7.2%        |                |               |                 |

| <u>CRANBERRY</u> | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> | <u>SANILAC</u> | <u>TUSCOLA</u> | <u>ARENAC</u> | <u>1998 AVE</u> |
|------------------|-------------|------------|----------------|--------------|-----------------|----------------|----------------|---------------|-----------------|
| TAYLOR           | 80-89       | 1436       | 532            |              | 3078            | 1656           | 1763           | 722           | 1531            |
| CRAN 09          | 80-90       | 1457       | 723            |              | 3169            | 2030           | 1904           | 1195          | 1846            |
| MI IMP V CRAN    | 98-102      | 1535       | 1267           |              | 1828            | 2178           | 1688           | 1473          | 1662            |
| ROG 912          | 94          |            |                |              | 3006            |                |                |               |                 |
| ASG B386         | 90-95       | 1632       |                |              | 2342            |                |                |               |                 |
| ETNA             | 88          |            |                |              | 2851            |                |                |               |                 |
| ASG85-5055-7     | 84-89       | 1502       |                |              | 3287            |                |                |               |                 |
| ASG85-5056-7     | 84-89       | 1226       |                |              | 3122            |                |                |               |                 |
| ASG85-5057-7     | 88-94       | 1270       |                |              | 2666            |                |                |               |                 |
| C92107           | 86-90       | 1321       |                |              | 2523            |                |                |               |                 |
| C96409           | 88-95       | 1400       |                |              | 2167            |                |                |               |                 |
| C96416           | 89-96       | 1567       |                |              | 1997            |                |                |               |                 |
| C96436           | 88-96       | 1291       |                |              | 1683            |                |                |               |                 |
| C96505           | 88-95       | 1076       |                |              | 2322            |                |                |               |                 |
| C97518           | 89-97       | 1157       |                |              | 2423            |                |                |               |                 |
| C97409           | 86          | 1346       |                |              | 3035            |                |                |               |                 |
| CLIO             | 84-94       | 1351       | 853            |              | 2732            |                |                |               |                 |
|                  |             | LSD=231    |                |              | LSD=329         | LSD=176        | LSD=167        | LSD=202       |                 |
|                  |             | CV=11.8%   |                |              | CV=8.9%         | CV=5.2%        | CV=5.4%        | CV=10.3%      |                 |

| <u>LIGHT RED KIDNEY</u> | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> | <u>SANILAC</u> | <u>TUSCOLA</u> | <u>ARENAC</u> | <u>1998 AVE</u> |
|-------------------------|-------------|------------|----------------|--------------|-----------------|----------------|----------------|---------------|-----------------|
| CHINOOK 2000            | 94-99       | 1725       | 1127           | 1817         | 2849            |                | 1667           | 1082          | 1690            |
| CALIF ELRK              | 84-90       | 1479       | 688            |              | 3043            |                | 1868           | 1119          | 1639            |
| FOXFIRE                 | 86-90       | 1443       |                |              | 3254            |                |                | 1029          |                 |
| SACRAMENTO              | 83-88       | 1196       |                |              | 3612            |                |                |               |                 |

|             |       |         |         |          |
|-------------|-------|---------|---------|----------|
| ASG B340    | 94    |         | 2983    |          |
| ASG97YT139  | 90    |         | 3158    |          |
| ASG97YT140  | 91    |         | 3136    |          |
| K93621      | 95    | 1457    | 2708    |          |
| K93629      | 102   | 1593    | 2655    |          |
| K93653      | 97    | 1210    | 2794    |          |
| K97503      | 104   | 1859    | 1941    |          |
| ASI 42-77   | 89-94 | 1388    | 3011    |          |
| ASI 7-47    | 94    |         | 2622    |          |
| ASI 637-153 | 95    |         | 2447    |          |
| ASI 97-11   | 90    |         | 2867    |          |
| ASI 171-203 | 91    |         | 3189    |          |
|             |       | LSD=182 | LSD=409 | LSD=208  |
|             |       | CV=8.4% | CV=9.9% | CV=11.2% |

| <u>DARK RED KIDNEY</u> | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> | <u>SANILAC</u> | <u>TUSCOLA</u> | <u>ARENAC</u> | <u>1998 AVE</u> |
|------------------------|-------------|------------|----------------|--------------|-----------------|----------------|----------------|---------------|-----------------|
| MONTCALM               | 94-98       | 1278       | 866            | 1508         | 2412            |                | 1523           | 749           | 1389            |
| RED HAWK               | 90-96       | 1492       | 1243           | 1493         | 2806            |                | 1635           | 788           | 1576            |
| ISLES                  | 93-98       | 1349       |                |              | 2613            |                |                | 766           |                 |
| ROG 802                | 97          |            |                |              | 2612            |                |                |               |                 |
| DRAKE                  | 90-92       | 1119       |                |              | 2598            |                |                |               |                 |
| ASI 22-42E             | 86-93       | 1185       |                |              | 3084            |                |                |               |                 |
| ASI 42-21              | 95          |            |                |              | 2003            |                |                |               |                 |
| ASI 42-51              | 95          |            |                |              | 3024            |                |                |               |                 |
| ASI 21-55              | 94          |            |                |              | 2092            |                |                |               |                 |
| ASI 23-51              | 95          |            |                |              | 2278            |                |                |               |                 |
| K97309                 | 92-98       | 1711       |                |              | 2456            |                |                |               |                 |
| K97332                 | 93-97       | 1390       |                |              | 2317            |                |                |               |                 |
|                        |             | LSD=260    |                |              | LSD=328         |                |                |               |                 |
|                        |             | CV=12.9%   |                |              | CV=9.0%         |                |                |               |                 |

| <u>ALUBIA</u> | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> | <u>SANILAC</u> | <u>TUSCOLA</u> | <u>ARENAC</u> | <u>1998 AVE</u> |
|---------------|-------------|------------|----------------|--------------|-----------------|----------------|----------------|---------------|-----------------|
| BELUGA        | 94-99       | 1556       | 1251           | 1322         | 2640            | 1956           | 1567           | 840           | 1590            |
| GTS 401       | 92-96       | 1925       | 879            |              | 3328            |                |                | 860           |                 |
| GTS 402       | 90-93       | 1686       | 650            |              | 2781            |                |                |               |                 |
|               |             | LSD=323    |                |              | LSD=402         |                |                |               |                 |
|               |             | CV=10.8%   |                |              | CV=8.0%         |                |                |               |                 |

| <u>YELLOW EYE</u> | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> |
|-------------------|-------------|------------|----------------|--------------|-----------------|
| STEUBEN           | 95-99       | 1134       |                |              | 2313            |
| GTS 1701          | 92-96       | 1318       |                |              | 2428            |

| <u>AZUKI</u> | <u>DAYS</u> | <u>BAY</u> | <u>GRATIOT</u> | <u>HURON</u> | <u>MONTCALM</u> | <u>SANILAC</u> |
|--------------|-------------|------------|----------------|--------------|-----------------|----------------|
| ERIMO        | 103         |            | 1074           |              |                 | 2424           |
| ANDERSON     | 103         |            | 1211           |              |                 | 2114           |
| DOMESTIC     | 101         |            | 1179           |              |                 | 2487           |
|              |             |            | LSD=233        |              |                 | LSD=280        |
|              |             |            | CV=11.9%       |              |                 | CV=6.9%        |