

DICKEY-john

GAC500XT/GAC2000/GAC2100

Moisture Meter Calibration Constants

Issued: 01 Aug 2006
 Supersedes: 01 May 2006
 Effective: 01 Aug 2006



(Calibration dates are of the form YYMMDD)

Data Derived from US Dept of Agriculture Directive 9180.61 Dated 08/01/06

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| BARLEY Six-Rowed 050501N | BARLEY Two-Rowed 050208N | BEANS Black 990415 | BEANS Blackeye 010409 | BEANS Cranberry 010409 | BEANS Garbanzo 060308 | BEANS Great Northern 060322 | BEANS Kidney 010418 | BEANS Lima Baby 010409 | BEANS Lima Large 010411 |
| RANGE 6%-22% | RANGE 8%-20% | RANGE 8%-20% | RANGE 8%-18% | RANGE 8%-20% | RANGE 6%-18% | RANGE 8%-20% | RANGE 8%-20% | RANGE 8%-18% | RANGE 9%-15% |
| K1 0757 K2 1216 K3 1147 K4 0100 K5 2105 K6 1658 K7 2206 K8 9911 K9 1056 | K1 1366 K2 3998 K3 1313 K4 4577 K5 2105 K6 1081 K7 2008 K8 9981 K9 1056 | K1 1673 K2 5429 K3 1352 K4 6177 K5 2605 K6 1097 K7 2008 K8 2304 K9 1077 | K1 0236 K2 1323 K3 1103 K4 0420 K5 2395 K6 2068 K7 1808 K8 0310 K9 1088 | K1 1814 K2 3995 K3 1256 K4 4738 K5 2385 K6 1087 K7 2008 K8 0370 K9 1119 | K1 3212 K2 5646 K3 1327 K4 6661 K5 2565 K6 2080 K7 1806 K8 0305 K9 1109 | K1 1557 K2 3103 K3 1139 K4 2632 K5 2425 K6 1876 K7 2008 K8 2438 K9 1098 | K1 1359 K2 3101 K3 1159 K4 2538 K5 2335 K6 1280 K7 2008 K8 1802 K9 1109 | K1 1393 K2 3057 K3 1151 K4 2506 K5 2555 K6 2073 K7 1808 K8 0347 K9 1109 | K1 1125 K2 1492 K3 1081 K4 0749 K5 2275 K6 2085 K7 1509 K8 0377 K9 1149 |
| BEANS Pea SM WH (Navy) 990406 | BEANS Pink 030320 | BEANS Pinto 990326 | BEANS Small Red 030320 | BEANS Small White 990406 | BEANS Yelloweye 030404 | CANOLA 990426 | CORN 050208N | CORN Hi Moist 050501N | CORN High Oil 990422 |
| RANGE 8%-20% | RANGE 8%-20% | RANGE 8%-18% | RANGE 8%-18% | RANGE 8%-20% | RANGE 10%-18% | RANGE 4%-15% | RANGE 8%-20% | RANGE 19%-40% | RANGE 6%-30% |
| K1 1139 K2 3109 K3 1190 K4 2457 K5 2675 K6 1086 K7 2008 K8 2150 K9 1077 | K1 1356 K2 1960 K3 1139 K4 2385 K5 2455 K6 1873 K7 2008 K8 1814 K9 1108 | K1 3390 K2 5752 K3 1317 K4 6836 K5 2445 K6 2073 K7 1808 K8 2073 K9 1098 | K1 1854 K2 5307 K3 1304 K4 6101 K5 2505 K6 1089 K7 1808 K8 1863 K9 1098 | K1 1139 K2 3109 K3 1190 K4 2457 K5 2675 K6 1086 K7 2008 K8 2150 K9 1077 | K1 1392 K2 3024 K3 1149 K4 2482 K5 2455 K6 1881 K7 1810 K8 1095 K9 1108 | K1 0013 K2 1425 K3 1084 K4 0582 K5 2201 K6 1369 K7 1504 K8 2242 K9 1024 | K1 1783 K2 7205 K3 1488 K4 8155 K5 2305 K6 2553 K7 2008 K8 9910 K9 1087 | K1 0154 K2 0180 K3 1027 K4 1059 K5 2305 K6 2553 K7 4019 K8 9952 K9 1087 | K1 0437 K2 1699 K3 1211 K4 0815 K5 2305 K6 2560 K7 3006 K8 1988 K9 1087 |
| FLAXSEED 000411 | LENTILS 000417 | MUSTARD Seed Brown 030324 | MUSTARD Seed Oriental 030324 | MUSTARD Seed Yellow 030324 | OATS 060322N | PEAS Austrian Winter 030326 | PEAS Smooth Dry 000425 | SPLIT PEAS 030320 | WRINKLED Dry Peas 030326 |
| RANGE 5%-15% | RANGE 7%-15% | RANGE 5%-14% | RANGE 5%-14% | RANGE 5%-14% | RANGE 8%-18% | RANGE 8%-14% | RANGE 8%-19% | RANGE 8%-14% | RANGE 6%-12% |
| K1 0114 K2 1394 K3 1090 K4 0501 K5 2255 K6 1557 K7 1505 K8 1202 K9 1034 | K1 0661 K2 1093 K3 1122 K4 0002 K5 2505 K6 2075 K7 1507 K8 1096 K9 1087 | K1 3216 K2 3749 K3 1171 K4 4629 K5 2355 K6 1573 K7 1405 K8 1035 K9 1024 | K1 3219 K2 3749 K3 1171 K4 4629 K5 2355 K6 1573 K7 1405 K8 1022 K9 1034 | K1 3213 K2 3749 K3 1171 K4 4629 K5 2355 K6 1573 K7 1405 K8 1028 K9 1034 | K1 5653 K2 7223 K3 1264 K4 8999 K5 1705 K6 1648 K7 1808 K8 9928 K9 1038 | K1 1507 K2 5589 K3 1407 K4 6316 K5 2635 K6 1884 K7 1408 K8 1097 K9 1087 | K1 1422 K2 5251 K3 1354 K4 4884 K5 2635 K6 0894 K7 1908 K8 1603 K9 1098 | K1 0231 K2 0069 K3 1048 K4 0000 K5 2805 K6 1870 K7 1408 K8 1066 K9 1066 | K1 1893 K2 5190 K3 1282 K4 4999 K5 2445 K6 1893 K7 1206 K8 0382 K9 1068 |

| POPCORN | RAPESEED | RICE Brewers Milled | RICE-Parboiled Brewers Milled | RICE Long Grain | RICE-Parboiled Long Grain | RICE Long Grain | RICE-Parboiled Long Grain | RICE Long Grain | RICE Med. Grain |
|-----------------|-----------------|------------------------|----------------------------------|--------------------|------------------------------|--------------------|------------------------------|--------------------|--------------------|
| 920104 | 990426 | 030417 | 030505 | Brown 990527 | Brown 010521 | Milled 990721 | Milled 020326 | Rough 050210N | Brown 030325 |
| RANGE 6%-26% | RANGE 4%-15% | RANGE 10%-15% | RANGE 10%-14% | RANGE 10%-21% | RANGE 10%-14% | RANGE 10%-20% | RANGE 8%-20% | RANGE 8%-26% | RANGE 10%-20% |
| K1 0657 | K1 0013 | K1 0732 | K1 0429 | K1 2370 | K1 1623 | K1 1764 | K1 1470 | K1 1212 | K1 2100 |
| K2 1270 | K2 1425 | K2 3804 | K2 1926 | K2 1626 | K2 0465 | K2 0484 | K2 0411 | K2 3944 | K2 1333 |
| K3 1180 | K3 1084 | K3 1472 | K3 1244 | K3 1337 | K3 0087 | K3 0121 | K3 0058 | K3 1320 | K3 1251 |
| K4 0260 | K4 0582 | K4 4000 | K4 2029 | K4 0400 | K4 0001 | K4 0001 | K4 0001 | K4 4451 | K4 0164 |
| K5 2650 | K5 2201 | K5 2800 | K5 2800 | K5 2410 | K5 2500 | K5 2630 | K5 2460 | K5 1900 | K5 2550 |
| K6 2060 | K6 1369 | K6 1054 | K6 1038 | K6 1073 | K6 2065 | K6 1057 | K6 1085 | K6 2042 | K6 1072 |
| K7 2606 | K7 1504 | K7 1510 | K7 1410 | K7 2110 | K7 1410 | K7 2010 | K7 2008 | K7 2608 | K7 2010 |
| K8 1669 | K8 1450 | K8 0295 | K8 0236 | K8 0251 | K8 0259 | K8 0342 | K8 0223 | K8 9939 | K8 0216 |
| K9 1074 | K9 1024 | K9 1024 | K9 1024 | K9 1055 | K9 1054 | K9 1055 | K9 1055 | K9 1057 | K9 1045 |

| RICE-Parboiled Med. Grain | RICE Med. Grain | RICE Med. Grain | RICE Short Grain | RICE Short Grain | RICE Short Grain | Screening Milled Rice | RICE-Parboiled Second Head | Second Head Milled Rice | RYE |
|------------------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------------|-------------------------------|----------------------------|-----------------|
| Milled 030507 | Milled 040331 | Rough 050210N | Rough 020327 | Brown 030422 | Milled 030417 | 030417 | Milled 030505 | 030417 | 060322 |
| RANGE 10%-14% | RANGE 10%-16% | RANGE 8%-26% | RANGE 10%-26% | RANGE 10%-18% | RANGE 10%-16% | RANGE 10%-15% | RANGE 10%-14% | RANGE 10%-15% | RANGE 8%-20% |
| K1 1454 | K1 2387 | K1 1289 | K1 1441 | K1 0443 | K1 0115 | K1 0732 | K1 0429 | K1 0732 | K1 0402 |
| K2 0400 | K2 7751 | K2 3953 | K2 3846 | K2 5583 | K2 0157 | K2 3804 | K2 1926 | K2 3804 | K2 1305 |
| K3 0057 | K3 1919 | K3 1312 | K3 1280 | K3 1561 | K3 1047 | K3 1472 | K3 1244 | K3 1472 | K3 1138 |
| K4 0001 | K4 8002 | K4 4493 | K4 4455 | K4 6001 | K4 0001 | K4 4000 | K4 2029 | K4 4000 | K4 0390 |
| K5 2460 | K5 2770 | K5 1900 | K5 1900 | K5 2550 | K5 2850 | K5 2800 | K5 2800 | K5 2800 | K5 2265 |
| K6 1088 | K6 1061 | K6 1849 | K6 2058 | K6 1085 | K6 1056 | K6 1054 | K6 1038 | K6 1054 | K6 1074 |
| K7 1410 | K7 1610 | K7 2608 | K7 2610 | K7 1810 | K7 1610 | K7 1510 | K7 1410 | K7 1510 | K7 2008 |
| K8 1054 | K8 0345 | K8 9924 | K8 0233 | K8 1070 | K8 1088 | K8 0295 | K8 0236 | K8 0295 | K8 1312 |
| K9 1045 | K9 1045 | K9 1047 | K9 1047 | K9 1045 | K9 1045 | K9 1024 | K9 1024 | K9 1024 | K9 1055 |

| SAFFLOWER | SORGHUM | SOYBEANS | SUNFLOWER SEED | SUNFLOWER SEED | TRITICALE | WHEAT Durum | WHEAT Hard Red Spring | WHEAT Hard Red Winter | WHEAT Hard White |
|-----------------|-----------------|-----------------|---------------------------|---------------------|-----------------|-----------------|-----------------------------|-----------------------------|---------------------|
| 000405 | 050210N | 050210N | (Confectionary) 000413 | Oil Type 050208N | 040330 | 060308N | 060308N | 060308N | 050208N |
| RANGE 4%-14% | RANGE 8%-24% | RANGE 6%-26% | RANGE 5%-17% | RANGE 4%-22% | RANGE 8%-15% | RANGE 6%-20% | RANGE 6%-22% | RANGE 6%-22% | RANGE 6%-16% |
| K1 1690 | K1 0627 | K1 1074 | K1 1744 | K1 1144 | K1 0500 | K1 0566 | K1 0609 | K1 0673 | K1 0610 |
| K2 3005 | K2 1962 | K2 1506 | K2 1791 | K2 1368 | K2 1898 | K2 1619 | K2 1834 | K2 1716 | K2 1037 |
| K3 1093 | K3 1284 | K3 1089 | K3 1057 | K3 1048 | K3 1246 | K3 1213 | K3 1262 | K3 1247 | K3 1124 |
| K4 2518 | K4 2037 | K4 0727 | K4 2355 | K4 0573 | K4 0998 | K4 0659 | K4 0909 | K4 0738 | K4 1001 |
| K5 1605 | K5 2605 | K5 2455 | K5 1015 | K5 1305 | K5 2420 | K5 2505 | K5 2505 | K5 2500 | K5 2500 |
| K6 1549 | K6 1060 | K6 2074 | K6 1562 | K6 1575 | K6 1074 | K6 1858 | K6 1075 | K6 1074 | K6 1072 |
| K7 1404 | K7 2408 | K7 2606 | K7 1705 | K7 2204 | K7 1508 | K7 2006 | K7 2206 | K7 2206 | K7 1606 |
| K8 1880 | K8 9901 | K8 9916 | K8 1701 | K8 9992 | K8 1548 | K8 9963 | K8 9999 | K8 9948 | K8 9963 |
| K9 1057 | K9 1045 | K9 1087 | K9 1089 | K9 1048 | K9 1045 | K9 1055 | K9 1045 | K9 1045 | K9 1045 |

| WHEAT Soft White | WHEAT Soft Red |
|---------------------|-------------------|
| 050501N | Winter 050208N |
| RANGE 6%-22% | RANGE 8%-22% |
| K1 0601 | K1 0681 |
| K2 1317 | K2 1158 |
| K3 1169 | K3 1150 |
| K4 0318 | K4 0101 |
| K5 2505 | K5 2505 |
| K6 1072 | K6 1071 |
| K7 2206 | K7 2208 |
| K8 9923 | K8 9941 |
| K9 1045 | K9 1045 |

Calibration dates followed by the letter **N** are approved by the National Type Evaluation Program (NTEP) for the GAC2000 NTEP and the GAC2100 moisture meters.

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