

DICKEY-john

GAC 500 / GAC 2000 / GAC 2100 / miniGAC

Moisture Meter Calibration Constants

Issued: 2024 June 18
 Supersedes: 2023 July 01
 Effective: 2024 July 01



DICKEY-john[®]
 A DIVISION OF TSI[®]

Calibration dates are in the form of YYMMDD

Data Derived from NTEP Phase II On-going Moisture Calibration Program

| BARLEY Six-Rowed 240617N | BARLEY Two-Rowed 210607N | BEANS Black 990415 | BEANS Blackeye 010409 | BEANS Cranberry 010409 | BEANS Garbanzo 060308 | BEANS Great Northern 060322 | BEANS Kidney 010418 | BEANS Baby Lima 010409 | BEANS Large Lima 010411 |
|---------------------------------------|--------------------------------|--------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------------|---------------------------|------------------------------|-------------------------------|
| RANGE 6 - 22 % | RANGE 6 - 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 0098 | K1 0335 | K1 1673 | K1 0236 | K1 1814 | K1 3212 | K1 1557 | K1 1359 | K1 1393 | K1 1125 |
| K2 3468 | K2 1986 | K2 5429 | K2 1323 | K2 3995 | K2 5646 | K2 3103 | K2 3101 | K2 3057 | K2 1492 |
| K3 1277 | K3 1232 | K3 1352 | K3 1103 | K3 1256 | K3 1327 | K3 1139 | K3 1159 | K3 1151 | K3 1081 |
| K4 2780 | K4 2155 | K4 6177 | K4 0420 | K4 4738 | K4 6661 | K4 2632 | K4 2538 | K4 2506 | K4 0749 |
| K5 2105 | K5 2255 | K5 2605 | K5 2395 | K5 2385 | K5 2565 | K5 2425 | K5 2335 | K5 2555 | K5 2275 |
| K6 1868 | K6 1588 | K6 1097 | K6 2068 | K6 1087 | K6 2080 | K6 1876 | K6 1280 | K6 2073 | K6 2085 |
| K7 2206 | K7 2006 | K7 2008 | K7 1808 | K7 2008 | K7 1806 | K7 2008 | K7 2008 | K7 1808 | K7 1509 |
| K8 9954 | K8 9923 | K8 2304 | K8 0310 | K8 0370 | K8 0305 | K8 2438 | K8 1802 | K8 0347 | K8 0377 |
| K9 1056 | K9 1054 | K9 1077 | K9 1088 | K9 1119 | K9 1109 | K9 1098 | K9 1109 | K9 1109 | K9 1149 |

| BEANS Pea (Navy) 990406 | BEANS Pink 030320 | BEANS Pinto 990326 | BEANS Small Red 030320 | BEANS Small White 990406 | BEANS Yelloweye 030404 | CANOLA 190711 | CORN 170602N | CORN Hi Moist 170602N | 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 - 26 % | RANGE 25 - 40 % | RANGE 6 - 30 % |
| K1 1139 | K1 1356 | K1 3390 | K1 1854 | K1 1139 | K1 1392 | K1 0010 | K1 0233 | K1 1624 | K1 0437 |
| K2 3109 | K2 1960 | K2 5752 | K2 5307 | K2 3109 | K2 3024 | K2 1425 | K2 1132 | K2 0468 | K2 1699 |
| K3 1190 | K3 1139 | K3 1317 | K3 1304 | K3 1190 | K3 1149 | K3 1084 | K3 1085 | K3 0168 | K3 1211 |
| K4 2457 | K4 2385 | K4 6836 | K4 6101 | K4 2457 | K4 2482 | K4 0582 | K4 0247 | K4 1152 | K4 0815 |
| K5 2675 | K5 2455 | K5 2445 | K5 2505 | K5 2675 | K5 2455 | K5 2201 | K5 2393 | K5 2135 | K5 2305 |
| K6 1086 | K6 1873 | K6 2073 | K6 1089 | K6 1086 | K6 1881 | K6 1369 | K6 2855 | K6 2855 | K6 2560 |
| K7 2008 | K7 2008 | K7 1808 | K7 1808 | K7 2008 | K7 1810 | K7 1504 | K7 2608 | K7 4025 | K7 3006 |
| K8 2150 | K8 1814 | K8 2073 | K8 1863 | K8 2150 | K8 1095 | K8 2235 | K8 9904 | K8 9911 | K8 1988 |
| K9 1077 | K9 1108 | K9 1098 | K9 1098 | K9 1077 | K9 1108 | K9 1034 | K9 1087 | K9 1087 | K9 1087 |

| FLAXSEED 000411 | LENTILS 110330 | MUSTARD Brown 030324 | MUSTARD Oriental 030324 | MUSTARD Yellow 030324 | OATS 210608N | PEAS Mottled 030326 | PEAS Smooth 000425 | PEAS Split 030320 | PEAS Wrinkled 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 | K1 3309 | K1 3216 | K1 3219 | K1 3213 | K1 1016 | K1 1507 | K1 1422 | K1 0231 | K1 1893 |
| K2 1394 | K2 5814 | K2 3749 | K2 3749 | K2 3749 | K2 0248 | K2 5589 | K2 5251 | K2 0069 | K2 5190 |
| K3 1090 | K3 1348 | K3 1171 | K3 1171 | K3 1171 | K3 0000 | K3 1407 | K3 1354 | K3 1048 | K3 1282 |
| K4 0501 | K4 6901 | K4 4629 | K4 4629 | K4 4629 | K4 0000 | K4 6316 | K4 4884 | K4 0000 | K4 4999 |
| K5 2255 | K5 2505 | K5 2355 | K5 2355 | K5 2355 | K5 1815 | K5 2635 | K5 2635 | K5 2805 | K5 2445 |
| K6 1557 | K6 0798 | K6 1573 | K6 1573 | K6 1573 | K6 1652 | K6 1884 | K6 0894 | K6 1870 | K6 1893 |
| K7 1505 | K7 1507 | K7 1405 | K7 1405 | K7 1405 | K7 1808 | K7 1408 | K7 1908 | K7 1408 | K7 1206 |
| K8 1202 | K8 1046 | K8 1035 | K8 1022 | K8 1028 | K8 9985 | K8 1097 | K8 1603 | K8 1066 | K8 0382 |
| K9 1034 | K9 1087 | K9 1024 | K9 1034 | K9 1034 | K9 1058 | K9 1087 | K9 1098 | K9 1066 | K9 1068 |

| POPCORN | RAPESEED | RICE Brewers Milled | RICE Brewers Milled Parboiled | RICE Long Grain Brown | RICE Long Grain Brown Parboiled | RICE Long Grain Milled | RICE Long Grain Milled Parboiled | RICE Long Grain Rough |
|-------------------|-------------------|---------------------------|-------------------------------------|-----------------------------|---------------------------------------|------------------------------|--|-----------------------------|
| 920104 | 990426 | 030417 | 030505 | 100408 | 010521 | 100408 | 020326 | 230608N |
| 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 % |
| K1 0657 | K1 0013 | K1 0732 | K1 0429 | K1 0909 | K1 1623 | K1 5278 | K1 1470 | K1 0429 |
| K2 1270 | K2 1425 | K2 3804 | K2 1926 | K2 3431 | K2 0465 | K2 5070 | K2 0411 | K2 1923 |
| K3 1180 | K3 1084 | K3 1472 | K3 1244 | K3 1419 | K3 0087 | K3 1123 | K3 0058 | K3 1228 |
| K4 0260 | K4 0582 | K4 4000 | K4 2029 | K4 2501 | K4 0001 | K4 6499 | K4 0001 | K4 2044 |
| K5 2650 | K5 2201 | K5 2800 | K5 2800 | K5 2410 | K5 2500 | K5 2630 | K5 2460 | K5 1900 |
| K6 2060 | K6 1369 | K6 1054 | K6 1038 | K6 1068 | K6 2065 | K6 1052 | K6 1085 | K6 2042 |
| K7 2606 | K7 1504 | K7 1510 | K7 1410 | K7 2110 | K7 1410 | K7 2010 | K7 2008 | K7 2608 |
| K8 1669 | K8 1450 | K8 0295 | K8 0236 | K8 0213 | K8 0259 | K8 0302 | K8 0223 | K8 9905 |
| K9 1074 | K9 1024 | K9 1024 | K9 1024 | K9 1045 | K9 1054 | K9 1045 | K9 1055 | K9 1047 |

*TWB 0.0

| RICE Med. Grain Brown | RICE Med. Grain Milled | RICE Med. Grain Milled Parboiled | **RICE Med. Grain Rough | RICE Screenings Milled | RICE Second Head Milled | RICE Second Head Milled Parboiled | RICE Short Grain Brown | RICE Short Grain Milled |
|-----------------------------|------------------------------|--|-------------------------------|------------------------------|-------------------------------|---|------------------------------|-------------------------------|
| 030325 | 040331 | 030507 | 230608N | 030417 | 030417 | 030505 | 030422 | 030417 |
| RANGE 10 - 20 % | RANGE 10 - 16 % | RANGE 10 - 14 % | RANGE 8 - 30 % | RANGE 10 - 15 % | RANGE 10 - 15 % | RANGE 10 - 14 % | RANGE 10 - 18 % | RANGE 10 - 16 % |
| K1 2100 | K1 2387 | K1 1454 | K1 0135 | K1 0732 | K1 0732 | K1 0429 | K1 0443 | K1 0115 |
| K2 1333 | K2 7751 | K2 0400 | K2 1842 | K2 3804 | K2 3804 | K2 1926 | K2 5583 | K2 0157 |
| K3 1251 | K3 1919 | K3 0057 | K3 1180 | K3 1472 | K3 1472 | K3 1244 | K3 1561 | K3 1047 |
| K4 0164 | K4 8002 | K4 0001 | K4 2072 | K4 4000 | K4 4000 | K4 2029 | K4 6001 | K4 0001 |
| K5 2550 | K5 2770 | K5 2460 | K5 1990 | K5 2800 | K5 2800 | K5 2800 | K5 2550 | K5 2850 |
| K6 1072 | K6 1061 | K6 1088 | K6 1849 | K6 1054 | K6 1054 | K6 1038 | K6 1085 | K6 1056 |
| K7 2010 | K7 1610 | K7 1410 | K7 3008 | K7 1510 | K7 1510 | K7 1410 | K7 1810 | K7 1610 |
| K8 0216 | K8 0345 | K8 1054 | K8 9996 | K8 0295 | K8 0295 | K8 0236 | K8 1070 | K8 1088 |
| K9 1045 | K9 1045 | K9 1045 | K9 1057 | K9 1024 | K9 1024 | K9 1024 | K9 1045 | K9 1045 |

| RICE Short Grain Rough | RYE | SAFFLOWER | SORGHUM or MILO | SOYBEANS | SUNFLOWER SEED Confectionary | SUNFLOWER SEED Oil Type | TRITICALE | WHEAT Durum |
|------------------------------|-------------------|-------------------|--------------------|-------------------|------------------------------------|-------------------------------|-------------------|-------------------|
| 020327 | 060322 | 000405 | 100409N | 230608N | 000413 | 180615N | 040330 | 110329N |
| RANGE 10 - 26 % | RANGE 8 - 20 % | RANGE 4 - 14 % | RANGE 8 - 24 % | RANGE 6 - 26 % | RANGE 5 - 17 % | RANGE 4 - 22 % | RANGE 8 - 15 % | RANGE 6 - 20 % |
| K1 1441 | K1 0402 | K1 1690 | K1 0815 | K1 1002 | K1 1744 | K1 0258 | K1 0500 | K1 0767 |
| K2 3846 | K2 1305 | K2 3005 | K2 3249 | K2 1283 | K2 1791 | K2 1010 | K2 1898 | K2 1547 |
| K3 1280 | K3 1138 | K3 1093 | K3 1360 | K3 1061 | K3 1057 | K3 1034 | K3 1246 | K3 1228 |
| K4 4455 | K4 0390 | K4 2518 | K4 2294 | K4 0448 | K4 2355 | K4 0000 | K4 0998 | K4 0501 |
| K5 1900 | K5 2265 | K5 1605 | K5 2605 | K5 2395 | K5 1015 | K5 1275 | K5 2420 | K5 2505 |
| K6 2058 | K6 1074 | K6 1549 | K6 2050 | K6 2074 | K6 1562 | K6 1776 | K6 1074 | K6 1862 |
| K7 2610 | K7 2008 | K7 1404 | K7 2408 | K7 2606 | K7 1705 | K7 2204 | K7 1508 | K7 2006 |
| K8 0233 | K8 1312 | K8 1880 | K8 9975 | K8 9985 | K8 1701 | K8 9958 | K8 1548 | K8 9973 |
| K9 1047 | K9 1055 | K9 1057 | K9 1045 | K9 1087 | K9 1089 | K9 1058 | K9 1045 | K9 1055 |

*TWB -0.4

| WHEAT Hard Red Spring 240612N | WHEAT Hard Red Winter 060308N | WHEAT Hard White 240612N | WHEAT Soft White 200617N | Wheat Soft Red Winter 070327N |
|--|--|--------------------------------|--------------------------------|--|
| RANGE 6 - 22 % | RANGE 6 - 22 % | RANGE 6 - 18 % | RANGE 6 - 22 % | RANGE 8 - 22 % |
| K1 0008 | K1 0673 | K1 0017 | K1 0903 | K1 0430 |
| K2 3835 | K2 1716 | K2 0188 | K2 0070 | K2 1936 |
| K3 1361 | K3 1247 | K3 1017 | K3 1142 | K3 1255 |
| K4 4290 | K4 0738 | K4 0000 | K4 1249 | K4 2091 |
| K5 2595 | K5 2500 | K5 2620 | K5 2655 | K5 2505 |
| K6 1074 | K6 1074 | K6 0894 | K6 1074 | K6 1068 |
| K7 2206 | K7 2206 | K7 1806 | K7 2206 | K7 2208 |
| K8 9982 | K8 9948 | K8 9996 | K8 9912 | K8 9996 |
| K9 1045 | K9 1045 | K9 1045 | K9 1045 | K9 1045 |

*TWB -0.2

*TWB -0.3

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

* If no Test Weight Bias (TWB) is listed, the offset equals 0.0.

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