

# DICKEY-john GAC500XT/GAC2000/GAC2100 Moisture Meter Calibration Constants

Issued: 01 Aug 2010  
Supersedes: 01 May 2010  
Effective: 01 Aug 2010



(Calibration dates are of the form YYMMDD)

Data Derived from US Dept of Agriculture Directive 9180.61

BARLEY Six-Rowed 090327N	BARLEY Two-Rowed 080324N	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 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 0401 K2 1882 K3 1217 K4 2000 K5 2105 K6 1864 K7 2206 K8 9900 K9 1056	K1 0006 K2 3427 K3 1261 K4 2776 K5 2105 K6 1079 K7 2006 K8 9906 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 100408	CORN 100326N	CORN Hi Moist 100326	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%-28%	RANGE 27 -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 0012 K2 1425 K3 1084 K4 0582 K5 2201 K6 1369 K7 1504 K8 2243 K9 1024	K1 0179 K2 1678 K3 1173 K4 0896 K5 2305 K6 2855 K7 2608 K8 9952 K9 1087	K1 2333 K2 1203 K3 1327 K4 0050 K5 2305 K6 2855 K7 4025 K8 9922 K9 1087	K1 0437 K2 1699 K3 1211 K4 0815 K5 2305 K6 2560 K7 3006 K8 1988 K9 1087
FLAXSEED 000411	LENTILS 090416	MUSTARD Seed Brown 030324	MUSTARD Seed Oriental 030324	MUSTARD Seed Yellow 030324	OATS 100408N	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 1213 K2 3284 K3 1221 K4 2719 K5 2505 K6 2079 K7 1507 K8 1077 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 1652 K7 1808 K8 9914 K9 1048	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 100408	Brown 010521	Milled 100408	Milled 020326	Rough 100407N	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 0909	K1 1623	K1 5278	K1 1470	K1 0003	K1 2100
K2 1270	K2 1425	K2 3804	K2 1926	K2 3431	K2 0465	K2 5070	K2 0411	K2 3710	K2 1333
K3 1180	K3 1084	K3 1472	K3 1244	K3 1419	K3 0087	K3 1123	K3 0058	K3 1308	K3 1251
K4 0260	K4 0582	K4 4000	K4 2029	K4 2501	K4 0001	K4 6499	K4 0001	K4 4103	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 1068	K6 2065	K6 1052	K6 1085	K6 2044	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 0213	K8 0259	K8 0302	K8 0223	K8 9957	K8 0216
K9 1074	K9 1024	K9 1024	K9 1024	K9 1045	K9 1054	K9 1045	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 100407N	Rough 020327	Brown 030422	Milled 030417	030417	Milled 030505	030417	060322
RANGE 10%-14%	RANGE 10%-16%	RANGE 8%-30%	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 1238	K1 1441	K1 0443	K1 0115	K1 0732	K1 0429	K1 0732	K1 0402
K2 0400	K2 7751	K2 5112	K2 3846	K2 5583	K2 0157	K2 3804	K2 1926	K2 3804	K2 1305
K3 0057	K3 1919	K3 1349	K3 1280	K3 1561	K3 1047	K3 1472	K3 1244	K3 1472	K3 1138
K4 0001	K4 8002	K4 4667	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 1852	K6 2058	K6 1085	K6 1056	K6 1054	K6 1038	K6 1054	K6 1074
K7 1410	K7 1610	K7 3008	K7 2610	K7 1810	K7 1610	K7 1510	K7 1410	K7 1510	K7 2008
K8 1054	K8 0345	K8 9974	K8 0233	K8 1070	K8 1088	K8 0295	K8 0236	K8 0295	K8 1312
K9 1045	K9 1045	K9 1057	K9 1047	K9 1045	K9 1045	K9 1024	K9 1024	K9 1024	K9 1055

SAFFLOWER	SORGHUM or MILO	SOYBEANS	SUNFLOWER SEED	SUNFLOWER SEED	TRITICALE	WHEAT Durum	WHEAT Hard Red	WHEAT Hard Red	WHEAT Hard White
000405	100409N	050210N	(Confectionary) 000413	Oil Type 090330N	040330	090501N	Spring 080326N	Winter 060308N	080331N
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%-18%
K1 1690	K1 0815	K1 1074	K1 1744	K1 1198	K1 0500	K1 0603	K1 0495	K1 0673	K1 0778
K2 3005	K2 3249	K2 1506	K2 1791	K2 1445	K2 1898	K2 1533	K2 1664	K2 1716	K2 1546
K3 1093	K3 1360	K3 1089	K3 1057	K3 1054	K3 1246	K3 1204	K3 1220	K3 1247	K3 1230
K4 2518	K4 2294	K4 0727	K4 2355	K4 0680	K4 0998	K4 0549	K4 0766	K4 0738	K4 0499
K5 1605	K5 2605	K5 2455	K5 1015	K5 1305	K5 2420	K5 2505	K5 2505	K5 2500	K5 2500
K6 1549	K6 2050	K6 2074	K6 1562	K6 1776	K6 1074	K6 1861	K6 1074	K6 1074	K6 0894
K7 1404	K7 2408	K7 2606	K7 1705	K7 2204	K7 1508	K7 2006	K7 2206	K7 2206	K7 1806
K8 1880	K8 9975	K8 9916	K8 1701	K8 9933	K8 1548	K8 9929	K8 9975	K8 9948	K8 9959
K9 1057	K9 1045	K9 1087	K9 1089	K9 1058	K9 1045	K9 1055	K9 1045	K9 1045	K9 1045

\*TWB -0.4

WHEAT  
Soft White  
100405N

WHEAT  
Soft Red  
Winter  
070327N

RANGE  
6%-22%

K1 0484  
K2 1438  
K3 1175  
K4 0500  
K5 2505  
K6 1074  
K7 2206  
K8 9928  
K9 1045

\*TWB -0.3

11002-0563H-201008

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.

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

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