

# DICKEY-john GAC 500/GAC 2000/GAC 2100/mini GAC Moisture Meter Calibration Constants

Issued: 06 June 2017  
Supersedes: 01 July 2016  
Effective: 01 July 2017



(Calibration dates are of the form YYMMDD)

Data Derived from US Dept of Agriculture Directive 9180.61

BARLEY Six-Rowed 1143N	BARLEY Two-Rowed 120321N	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 0111	K1 1378	K1 1673	K1 0236	K1 1814	K1 3212	K1 1557	K1 1359	K1 1393	K1 1125
K2 10J1	K2 5383	K2 5429	K2 1323	K2 3995	K2 5646	K2 3103	K2 3101	K2 3057	K2 1492
K3 1119	K3 1371	K3 1352	K3 1103	K3 1256	K3 1327	K3 1139	K3 1159	K3 1151	K3 1081
K4 0000	K4 4998	K4 6177	K4 0420	K4 4738	K4 6661	K4 2632	K4 2538	K4 2506	K4 0749
K5 2035	K5 2105	K5 2605	K5 2395	K5 2385	K5 2565	K5 2425	K5 2335	K5 2555	K5 2275
K6 1868	K6 1075	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 9994	K8 9995	K8 2304	K8 0310	K8 0370	K8 0305	K8 2438	K8 1802	K8 0347	K8 0377
K9 1056	K9 1056	K9 1077	K9 1088	K9 1119	K9 1109	K9 1098	K9 1109	K9 1109	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 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 0012	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 2243	K8 9904	K8 9911	K8 1988
K9 1077	K9 1108	K9 1098	K9 1098	K9 1077	K9 1108	K9 1024	K9 1087	K9 1087	K9 1087
FLAXSEED 000411	LENTILS 110330	MUSTARD Seed Brown 030324	MUSTARD Seed Oriental 030324	MUSTARD Seed Yellow 030324	OATS 170602N	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	K1 3309	K1 3216	K1 3219	K1 3213	K1 0594	K1 1507	K1 1422	K1 0231	K1 1893
K2 1394	K2 5814	K2 3749	K2 3749	K2 3749	K2 1063	K2 5589	K2 5251	K2 0069	K2 5190
K3 1090	K3 1348	K3 1171	K3 1171	K3 1171	K3 1096	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 1705	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 9994	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	RAPSEED	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 120320N	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 0200	K1 2100
K2 1270	K2 1425	K2 3804	K2 1926	K2 3431	K2 0465	K2 5070	K2 0411	K2 3129	K2 1333
K3 1180	K3 1084	K3 1472	K3 1244	K3 1419	K3 0087	K3 1123	K3 0058	K3 1235	K3 1251
K4 0260	K4 0582	K4 4000	K4 2029	K4 2501	K4 0001	K4 6499	K4 0001	K4 2371	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 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 0213	K8 0259	K8 0302	K8 0223	K8 9971	K8 0216
K9 1074	K9 1024	K9 1024	K9 1024	K9 1045	K9 1054	K9 1045	K9 1055	K9 1057	K9 1045

\*TWB 0.4

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 150529N	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 0231	K1 1441	K1 0443	K1 0115	K1 0732	K1 0429	K1 0732	K1 0402
K2 0400	K2 7751	K2 1842	K2 3846	K2 5583	K2 0157	K2 3804	K2 1926	K2 3804	K2 1305
K3 0057	K3 1919	K3 1194	K3 1280	K3 1561	K3 1047	K3 1472	K3 1244	K3 1472	K3 1138
K4 0001	K4 8002	K4 2045	K4 4455	K4 6001	K4 0001	K4 4000	K4 2029	K4 4000	K4 0390
K5 2460	K5 2770	K5 1950	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 3008	K7 2610	K7 1810	K7 1610	K7 1510	K7 1410	K7 1510	K7 2008
K8 1054	K8 0345	K8 9952	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 130503N	040330	110329N	Spring 170602N	Winter 060308N	160428N
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 1196	K1 0500	K1 0767	K1 0338	K1 0673	K1 0016
K2 3005	K2 3249	K2 1506	K2 1791	K2 1445	K2 1898	K2 1547	K2 1779	K2 1716	K2 0188
K3 1093	K3 1360	K3 1089	K3 1057	K3 1054	K3 1246	K3 1228	K3 1225	K3 1247	K3 1017
K4 2518	K4 2294	K4 0727	K4 2355	K4 0680	K4 0998	K4 0501	K4 0969	K4 0738	K4 0000
K5 1605	K5 2605	K5 2455	K5 1015	K5 1305	K5 2420	K5 2505	K5 2605	K5 2500	K5 2600
K6 1549	K6 2050	K6 2074	K6 1562	K6 1776	K6 1074	K6 1862	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 9935	K8 1548	K8 9973	K8 9906	K8 9948	K8 9917
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  
150529N

RANGE  
6%-22%

K1 2213  
K2 1278  
K3 1232  
K4 0000  
K5 2545  
K6 1074  
K7 2206  
K8 9950  
K9 1045

\*TWB - 0.3

WHEAT  
Soft Red  
Winter  
070327N

RANGE  
8%-22%

K1 0430  
K2 1936  
K3 1255  
K4 2091  
K5 2505  
K6 1068  
K7 2208  
K8 9996  
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.

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

## DICKEY-john NATIONAL SERVICE CENTER

5200 Dickey John Road  
Dock 2  
Auburn, IL 62615 USA

Telephone: 800-637-3302 (US)  
Facsimile: 217-438-6539

www.dickey-john.com