

DICKEY-john

GAC 500 / GAC 2000 / GAC 2100 / miniGAC

Moisture Meter Calibration Constants

Issued: 2025 June 27
Supersedes: 2024 July 01
Effective: 2025 July 01



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Calibration dates are in the form of YYMMDD

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

**BARLEY Six-Rowed 240617	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 250612N	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 5648	K1 1507	K1 1422	K1 0231	K1 1893
K2 1394	K2 5814	K2 3749	K2 3749	K2 3749	K2 7221	K2 5589	K2 5251	K2 0069	K2 5190
K3 1090	K3 1348	K3 1171	K3 1171	K3 1171	K3 1264	K3 1407	K3 1354	K3 1048	K3 1282
K4 0501	K4 6901	K4 4629	K4 4629	K4 4629	K4 8998	K4 6316	K4 4884	K4 0000	K4 4999
K5 2255	K5 2505	K5 2355	K5 2355	K5 2355	K5 1655	K5 2635	K5 2635	K5 2805	K5 2445
K6 1557	K6 0798	K6 1573	K6 1573	K6 1573	K6 1648	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 9977	K8 1097	K8 1603	K8 1066	K8 0382
K9 1034	K9 1087	K9 1024	K9 1034	K9 1034	K9 1048	K9 1087	K9 1098	K9 1066	K9 1068

**** Effective July 1, 2025: The calibration for SIX-ROWED BARLEY is no longer approved for use as an NTEP certified calibration**

POPCORN	RAPESEED	RICE Brewers Milled 030417	RICE Brewers Milled Parboiled 030505	RICE Long Grain Brown 100408	RICE Long Grain Brown Parboiled 010521	RICE Long Grain Milled 100408	RICE Long Grain Milled Parboiled 020326	RICE Long Grain Rough 250613N
920104	990426	030417	030505	100408	010521	100408	020326	250613N
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 1252
K2 1270	K2 1425	K2 3804	K2 1926	K2 3431	K2 0465	K2 5070	K2 0411	K2 3403
K3 1180	K3 1084	K3 1472	K3 1244	K3 1419	K3 0087	K3 1123	K3 0058	K3 1224
K4 0260	K4 0582	K4 4000	K4 2029	K4 2501	K4 0001	K4 6499	K4 0001	K4 2861
K5 2650	K5 2201	K5 2800	K5 2800	K5 2410	K5 2500	K5 2630	K5 2460	K5 1820
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 9939
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 030325	RICE Med. Grain Milled 040331	RICE Med. Grain Milled Parboiled 030507	**RICE Med. Grain Rough 230608N	RICE Screenings Milled 030417	RICE Second Head Milled 030417	RICE Second Head Milled Parboiled 030505	RICE Short Grain Brown 030422	RICE Short Grain Milled 030417
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 020327	RYE 060322	SAFFLOWER 000405	SORGHUM or MILO 100409N	SOYBEANS 230608N	SUNFLOWER SEED Confectionary 000413	SUNFLOWER SEED Oil Type 250613N	TRITICALE 040330	WHEAT Durum 110329N
020327	060322	000405	100409N	230608N	000413	250613N	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 1074	K1 0500	K1 0767
K2 3846	K2 1305	K2 3005	K2 3249	K2 1283	K2 1791	K2 1306	K2 1898	K2 1547
K3 1280	K3 1138	K3 1093	K3 1360	K3 1061	K3 1057	K3 1046	K3 1246	K3 1228
K4 4455	K4 0390	K4 2518	K4 2294	K4 0448	K4 2355	K4 0482	K4 0998	K4 0501
K5 1900	K5 2265	K5 1605	K5 2605	K5 2395	K5 1015	K5 1215	K5 2420	K5 2505
K6 2058	K6 1074	K6 1549	K6 2050	K6 2074	K6 1562	K6 1475	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 9901	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	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.			
240612N	060308N	240612N	200617N	070327N	* If no Test Weight Bias (TWB) is listed, the offset equals 0.0.			
RANGE 6 - 22 %	RANGE 6 - 22 %	RANGE 6 - 18 %	RANGE 6 - 22 %	RANGE 8 - 22 %	DICKEY-john National Service Center			
K1 0008	K1 0673	K1 0017	K1 0903	K1 0430				
K2 3835	K2 1716	K2 0188	K2 0070	K2 1936	5200 Dickey-john Road Auburn, IL 62615 USA Telephone: 800-637-3302 Fax: 217-438-6539 www.dickey-john.com			
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					