

# Estimation Chart for Giant Pumpkins

February 2012 – Andy Wolf

The table below is based on measurements taken from over 2,800 pumpkins weighed worldwide in the years 2010 and 2011, taken from the Bigpumpkins.com GPC results database. Based on the previous estimation formula, a review of the 2011 year indicated almost 70 percent of pumpkins heavy to the chart, with the average pumpkin 5.53% over. In an ideal estimation, 50% of fruit should be over chart, and 50% under, with no average deviation from the chart. In short, pumpkins are significantly thicker than they used to be.

There has been a minor improvement in the accuracy of this table since the 2005 estimate. 49.6% of pumpkins will fall within  $\pm 5\%$  of this chart, which is an increase in accuracy of about one percent. 31.2% will fall between  $\pm 10$  and  $\pm 15\%$ , combined. The remaining outliers are therefore less likely than with previous estimations.

If the trend continues, I project these numbers will likely need to be revised again in about 4 years in order to be an accurate estimation for future pumpkins.

Keep in mind that these estimates are based off the total measurements of a pumpkin, using the Over The Top (OTT) method. As always, the Circumference measurement should be the **LARGEST** circumference taken **approximately** parallel to the ground. The Front-to-Back, and Side-to-Side measurements must be taken over the highest point, straight down to the ground. The F-B measurement should follow the stem to blossom line, with the S-S perpendicular to it. To view a video demonstration of proper measuring, visit: <http://youtu.be/Cd1S8gUC-Ew>



2012 Over - the - Top Inches vs. Estimated Weight Created Feb. 2012 by Andy Wolf

Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds	Inches	Pounds
166	109	196	176	226	266	256	381	286	524	316	700	346	909	376	1156	406	1444	436	1774
167	111	197	179	227	269	257	385	287	530	317	706	347	917	377	1165	407	1454	437	1786
168	113	198	181	228	272	258	389	288	535	318	713	348	925	378	1174	408	1464	438	1797
169	115	199	184	229	276	259	394	289	541	319	719	349	932	379	1183	409	1475	439	1809
170	117	200	187	230	279	260	398	290	546	320	726	350	940	380	1192	410	1485	440	1821
171	119	201	189	231	283	261	403	291	551	321	732	351	948	381	1201	411	1496	441	1833
172	121	202	192	232	286	262	407	292	557	322	739	352	956	382	1211	412	1506	442	1845
173	123	203	195	233	290	263	412	293	562	323	745	353	964	383	1220	413	1517	443	1857
174	125	204	198	234	294	264	416	294	568	324	752	354	971	384	1229	414	1527	444	1870
175	127	205	200	235	297	265	421	295	574	325	759	355	979	385	1238	415	1538	445	1882
176	129	206	203	236	301	266	425	296	579	326	766	356	987	386	1248	416	1549	446	1894
177	131	207	206	237	305	267	430	297	585	327	772	357	995	387	1257	417	1560	447	1906
178	133	208	209	238	308	268	435	298	591	328	779	358	1004	388	1266	418	1570	448	1919
179	135	209	212	239	312	269	439	299	596	329	786	359	1012	389	1276	419	1581	449	1931
180	138	210	215	240	316	270	444	300	602	330	793	360	1020	390	1285	420	1592	450	1944
181	140	211	218	241	320	271	449	301	608	331	800	361	1028	391	1295	421	1603	451	1956
182	142	212	221	242	324	272	454	302	614	332	807	362	1036	392	1304	422	1614	452	1969
183	144	213	224	243	328	273	458	303	620	333	814	363	1045	393	1314	423	1625	453	1981
184	147	214	227	244	331	274	463	304	626	334	821	364	1053	394	1324	424	1636	454	1994
185	149	215	230	245	335	275	468	305	632	335	828	365	1061	395	1333	425	1648	455	2007
186	151	216	233	246	339	276	473	306	638	336	835	366	1070	396	1343	426	1659	456	2019
187	154	217	236	247	343	277	478	307	644	337	843	367	1078	397	1353	427	1670	457	2032
188	156	218	239	248	347	278	483	308	650	338	850	368	1087	398	1363	428	1681	458	2045
189	158	219	243	249	351	279	488	309	656	339	857	369	1095	399	1373	429	1693	459	2058
190	161	220	246	250	356	280	493	310	662	340	865	370	1104	400	1383	430	1704	460	2071
191	163	221	249	251	360	281	498	311	668	341	872	371	1113	401	1393	431	1716	461	2084
192	166	222	252	252	364	282	504	312	674	342	879	372	1121	402	1403	432	1727	462	2097
193	168	223	256	253	368	283	509	313	681	343	887	373	1130	403	1413	433	1739	463	2110
194	171	224	259	254	372	284	514	314	687	344	894	374	1139	404	1423	434	1750	464	2123
195	173	225	262	255	376	285	519	315	693	345	902	375	1148	405	1433	435	1762	465	2137