

**Supplementary Table S1.** Cotyledon color, harvest period, days to maturity and average total anthocyanin and isoflavone contents of 323 black soybean landraces cultivated in Korea.

Sample code	IT No.	Cotyledon color	Harvest period	Days of maturity	TAC <sup>v</sup> (mg/100g)	TIC <sup>u</sup> (μg/g)	Sample code	IT No.	Cotyledon color	Harvest period	Days of maturity	TAC (mg/100g)	TIC (μg/g)
S1	101305	Yellow	<sup>v</sup> E-OCT	123	1785.22	1393.16	S163	225112	Green	M-OCT	131	1336.28	1388.71
S2	102591	Yellow	E-OCT	119	967.10	1130.02	S164	225333	Yellow	L-OCT	137	1591.22	1778.43
S3	103454	Yellow	<sup>*</sup> M-OCT	133	1095.57	1976.43	S165	226851	Yellow	M-OCT	130	2387.31	1315.23
<sup>z</sup> S4	104314	Yellow	M-OCT	127	2117.77	1815.78	S166	228462	Yellow	M-OCT	133	1784.10	1467.52
S5	105211	Green	M-OCT	131	1822.56	1187.90	S167	228484	Yellow	E-OCT	116	576.78	1230.27
S6	105466	Yellow	M-OCT	127	2546.72	1494.98	S168	228503	Green	M-OCT	130	685.50	1998.20
S7	105504	Green	<sup>w</sup> L-OCT	146	930.62	636.87	S169	228530	Yellow	M-OCT	127	1852.93	1710.44
S8	105679	Green	M-OCT	130	1777.55	998.17	S170	228534	Yellow	M-OCT	127	1216.05	1409.54
S9	105926	Yellow	E-OCT	120	1411.45	1194.62	S171	228539	Green	L-OCT	144	2034.29	733.01
S10	110986	Yellow	M-OCT	130	1113.97	1337.92	S172	228572	Yellow	E-OCT	123	922.39	1142.39
S11	111024	Yellow	E-OCT	123	1028.84	1397.02	S173	228577	Yellow	M-OCT	127	901.07	987.57
S12	112847	Yellow	L-OCT	144	1024.03	1701.28	S174	228579	Yellow	E-OCT	125	1010.21	593.02
S13	113032	Green	L-OCT	138	2410.14	1436.54	<sup>z</sup> S175	228789	Yellow	M-OCT	127	2195.26	1991.19
S14	113114	Green	L-OCT	146	810.70	1568.99	S176	228790	Yellow	M-OCT	130	1490.93	1727.72
S15	113176	Green	E-OCT	125	912.79	1866.76	S177	228791	Green	L-OCT	144	2716.71	1535.60
S16	113209	Green	L-OCT	137	1713.28	1666.33	S178	228821	Green	L-OCT	146	1308.31	1959.14
S17	115371	Green	M-OCT	127	1148.43	1284.21	S179	228822	Yellow	E-OCT	125	1823.59	1494.49
S18	115388	Yellow	L-OCT	137	2022.80	1542.91	S180	229084	Green	M-OCT	127	990.44	928.80
S19	115411	Yellow	M-OCT	133	1887.18	1658.44	S181	229457	Yellow	E-OCT	123	1101.88	961.09
S20	115507	Yellow	M-OCT	130	1604.97	1266.17	S182	229947	Yellow	E-OCT	125	1026.09	1088.26
S21	115517	Green	L-OCT	146	856.48	914.79	S183	229950	Green	L-OCT	146	948.50	699.15
S22	115529	Yellow	L-OCT	144	1708.66	1612.57	S184	229954	Yellow	M-OCT	127	1237.80	1786.62
S23	115559	Yellow	M-OCT	127	1996.27	1248.10	S185	231349	Green	M-OCT	133	1282.20	1381.35
S24	115733	Yellow	M-OCT	132	2421.14	1018.22	S186	231355	Yellow	E-OCT	125	925.10	933.03
S25	121504	Green	E-OCT	125	1179.52	1998.39	S187	231390	Green	L-OCT	137	1626.35	1863.80
S26	141514	Yellow	E-OCT	116	1136.94	1377.92	S188	231520	Yellow	E-OCT	125	1168.70	1153.09
S27	141652	Yellow	E-OCT	125	1006.98	1535.19	S189	231544	Yellow	E-OCT	119	1088.80	923.89
S28	141702	Yellow	M-OCT	127	2512.39	1738.88	S190	235336	Yellow	E-OCT	119	1399.62	1246.15
S29	141718	Green	M-OCT	132	1426.00	1411.65	<sup>z</sup> S191	242611	Green	M-OCT	130	2789.37	1860.48
S30	141729	Yellow	M-OCT	130	1869.73	1420.56	<sup>z</sup> S192	252252	Green	L-OCT	144	2589.22	1962.00
S31	141767	Green	M-OCT	133	1837.38	1671.44	S193	252257	Yellow	E-OCT	116	1894.98	1569.77

S32	141977	Yellow	E-OCT	117	724.63	1505.88	S194	252543	Yellow	L-OCT	138	2367.42	1657.82
S33	154273	Green	L-OCT	144	1555.08	1482.14	S195	252584	Yellow	M-OCT	127	1970.96	1551.53
S34	154405	Green	L-OCT	137	1716.34	1475.06	S196	252613	Yellow	E-OCT	125	2217.85	1344.12
S35	154413	Green	M-OCT	130	600.15	1984.42	S197	252643	Yellow	M-OCT	132	990.56	1403.06
S36	154433	Green	M-OCT	132	1234.23	1379.51	S198	252734	Green	M-OCT	127	2044.86	1157.38
S37	154660	Yellow	E-OCT	123	1458.75	1944.31	S199	252747	Green	M-OCT	132	1200.58	1579.58
S38	167748	Green	L-OCT	137	1728.57	1570.82	S200	252748	Yellow	E-OCT	123	1800.34	1077.96
S39	167770	Yellow	L-OCT	137	2092.52	1565.15	S201	258936	Yellow	M-OCT	127	1080.35	1997.15
S40	167830	Yellow	M-OCT	127	1256.81	968.41	S202	258949	Yellow	E-OCT	116	708.84	1080.56
S41	167835	Green	L-OCT	144	1674.83	1311.64	S203	262880	Yellow	L-OCT	144	1711.44	1988.16
S42	167912	Green	M-OCT	127	569.60	1665.36	S204	263076	Yellow	M-OCT	133	1690.55	1760.91
S43	177201	Yellow	L-OCT	138	1936.04	1841.23	S205	263081	Yellow	M-OCT	130	1191.05	1595.61
S44	177205	Yellow	M-OCT	133	608.70	1783.78	²S206	263106	Green	L-OCT	137	2049.36	1916.06
S45	177226	Yellow	M-OCT	132	452.60	1000.49	S207	263285	Yellow	M-OCT	130	1435.19	607.82
S46	177239	Green	M-OCT	127	1739.24	1474.51	S208	263310	Yellow	M-OCT	130	1974.41	621.62
S47	177248	Yellow	E-OCT	125	1636.43	1841.87	S209	263321	Yellow	E-OCT	125	1799.23	1385.96
S48	177262	Green	L-OCT	146	981.46	994.36	S210	263328	Yellow	E-OCT	123	827.20	1788.32
S49	177340	Green	L-OCT	138	2144.50	1319.68	S211	263331	Yellow	M-OCT	127	1749.16	1010.42
S50	177352	Yellow	L-OCT	138	1803.87	1059.76	S212	263334	Green	M-OCT	133	807.39	1758.33
S51	177394	Yellow	M-OCT	130	956.18	1928.26	S213	263530	Yellow	M-OCT	130	1017.48	1016.09
S52	177411	Yellow	M-OCT	133	1604.49	1397.56	S214	263536	Green	L-OCT	146	1024.19	897.35
S53	177462	Green	L-OCT	146	1345.32	1692.36	S215	263553	Yellow	L-OCT	144	2454.49	1084.14
S54	177497	Yellow	M-OCT	130	2391.87	1322.90	S216	263564	Yellow	M-OCT	133	2785.15	1552.56
S55	177536	Yellow	M-OCT	130	1521.51	1429.78	S217	263574	Yellow	E-OCT	117	889.68	1877.47
²S56	177573	Yellow	L-OCT	137	2342.11	1846.73	²S218	263576	Yellow	M-OCT	127	2566.65	1836.51
S57	177596	Yellow	E-OCT	125	1729.36	980.02	S219	263609	Yellow	E-OCT	116	2093.61	874.22
S58	177615	Yellow	M-OCT	130	1118.22	1269.58	S220	263611	Yellow	M-OCT	132	2226.90	1644.77
S59	177630	Yellow	M-OCT	130	1657.76	1779.97	S221	263631	Yellow	M-OCT	127	1794.11	786.32
S60	177633	Yellow	M-OCT	130	2051.00	1599.77	S222	263727	Green	M-OCT	133	1375.80	1318.86
S61	177641	Yellow	M-OCT	130	1309.31	1127.55	S223	263740	Green	L-OCT	146	1109.76	1548.79
S62	177652	Green	L-OCT	146	1018.01	989.58	S224	263747	Yellow	E-OCT	123	1301.06	1360.72
S63	177670	Green	L-OCT	138	2264.50	1767.78	S225	263800	Yellow	L-OCT	137	1649.46	1455.44
S64	177673	Green	L-OCT	146	1082.63	1276.20	S226	263805	Green	L-OCT	144	1904.19	1652.77
S65	177675	Yellow	L-OCT	137	781.55	1344.99	S227	263874	Green	L-OCT	138	2492.56	1772.32
S66	177682	Green	L-OCT	144	2270.42	1733.72	S228	269602	Yellow	M-OCT	130	1449.85	1596.51
S67	177703	Green	L-OCT	138	1846.97	1144.48	S229	269603	Green	L-OCT	138	1982.18	1493.38
S68	177709	Yellow	M-OCT	133	1285.66	1643.96	S230	269609	Yellow	M-OCT	131	1578.62	1937.34

S69	177715	Yellow	L-OCT	144	2746.41	1401.62	S231	269612	Yellow	M-OCT	127	1389.78	1012.95
*S70	177720	Yellow	M-OCT	131	2694.68	1927.12	S232	269616	Yellow	M-OCT	133	1488.34	1779.11
S71	177736	Yellow	M-OCT	127	1275.91	1959.47	S233	269623	Yellow	M-OCT	127	1586.44	1101.41
S72	177737	Yellow	L-OCT	137	1246.95	1986.85	S234	269625	Green	L-OCT	137	1755.98	832.23
S73	177742	Yellow	M-OCT	132	1142.79	1419.52	*S235	269626	Green	L-OCT	144	2467.96	1965.04
S74	177750	Yellow	E-OCT	125	1028.92	1563.56	S236	269628	Green	L-OCT	137	1827.82	1400.78
S75	177753	Yellow	E-OCT	125	1180.19	1305.05	S237	269636	Yellow	M-OCT	127	1218.30	1763.39
S76	177759	Green	L-OCT	138	1360.18	1777.34	S238	269637	Yellow	M-OCT	130	1326.73	1456.49
S77	177761	Green	M-OCT	133	1145.53	1593.52	S239	269639	Yellow	E-OCT	116	1044.96	1770.92
S78	177763	Green	L-OCT	144	942.83	1797.62	S240	269720	Yellow	M-OCT	127	1919.04	995.62
S79	177765	Green	L-OCT	146	2589.01	1667.59	S241	269790	Yellow	M-OCT	130	1087.46	1525.48
S80	177767	Yellow	E-OCT	125	1832.16	1576.95	S242	269818	Green	E-OCT	125	2070.08	1393.47
S81	177776	Yellow	M-OCT	131	1660.34	1439.97	S243	269830	Yellow	M-OCT	127	1418.00	1438.85
S82	177793	Green	L-OCT	144	987.66	977.00	S244	269831	Yellow	M-OCT	127	1543.84	1637.74
S83	177801	Yellow	M-OCT	130	1012.61	1493.73	*S245	269847	Green	M-OCT	127	2194.72	1859.59
S84	177871	Yellow	M-OCT	127	1848.93	491.29	S246	269965	Yellow	E-OCT	116	2430.71	1171.19
S85	177920	Yellow	M-OCT	130	1793.36	1487.67	S247	269995	Green	M-OCT	132	2567.30	1723.24
S86	177956	Yellow	E-OCT	125	1940.45	1611.13	S248	269996	Green	L-OCT	146	951.44	1286.98
S87	177995	Yellow	L-OCT	137	841.88	1083.15	S249	270005	Green	M-OCT	131	1201.84	1311.55
S88	178001	Yellow	L-OCT	144	1372.28	1978.98	S250	274233	Yellow	E-OCT	117	1268.53	1694.54
S89	178070	Yellow	E-OCT	125	1369.32	1005.76	S251	274234	Yellow	E-OCT	125	649.29	1065.44
S90	178088	Yellow	L-OCT	137	1446.59	1247.34	S252	274419	Yellow	M-OCT	127	1856.62	1612.66
S91	178092	Yellow	E-OCT	125	1148.97	1002.96	S253	274434	Green	M-OCT	127	835.77	1122.73
S92	178099	Yellow	M-OCT	127	864.83	1554.41	S254	274455	Yellow	E-OCT	125	1153.68	1962.27
S93	178104	Yellow	M-OCT	132	947.45	1030.89	S255	274456	Yellow	L-OCT	137	1338.76	1666.13
S94	178378	Yellow	E-OCT	125	1807.61	1523.05	*S256	274472	Green	L-OCT	144	2573.60	1844.25
S95	180865	Green	M-OCT	133	1249.58	1711.73	S257	274504	Green	L-OCT	144	2709.02	1353.23
S96	180874	Green	M-OCT	131	1403.96	981.36	S258	274506	Green	L-OCT	137	2019.87	1318.83
S97	181483	Yellow	M-OCT	127	978.41	1497.62	*S269	274511	Yellow	L-OCT	144	2720.04	1849.75
S98	186131	Yellow	E-OCT	123	1084.93	1348.60	S260	274513	Green	L-OCT	138	2322.02	1409.76
S99	186137	Yellow	M-OCT	127	1118.85	1808.32	S261	274517	Yellow	L-OCT	137	1479.30	1419.35
*S100	186183	Green	L-OCT	138	2727.50	1974.47	S262	274526	Green	M-OCT	131	1610.71	1125.77
S101	186189	Green	M-OCT	132	1349.20	1475.56	S263	274551	Yellow	E-OCT	123	1048.66	1655.06
S102	201832	Yellow	E-OCT	119	944.67	1115.69	S264	274552	Green	M-OCT	133	1943.69	1417.29
*S103	201834	Yellow	L-OCT	141	2032.00	1989.55	S265	274558	Green	L-OCT	146	913.63	864.79
S104	201836	Yellow	M-OCT	130	2174.11	1092.73	S266	274566	Green	L-OCT	137	1596.64	999.48
S105	201837	Yellow	M-OCT	132	1532.56	1649.24	S267	274567	Yellow	M-OCT	127	1322.54	1696.89

S106	201838	Green	L-OCT	137	1641.37	1160.36	S268	274569	Yellow	E-OCT	117	808.96	793.68
S107	201839	Yellow	E-OCT	119	1024.20	1230.21	S269	274582	Green	L-OCT	138	1938.55	1267.54
S108	201840	Yellow	E-OCT	125	2315.75	963.75	S270	274589	Yellow	M-OCT	127	1515.25	832.60
S109	201844	Green	L-OCT	146	1088.70	1353.85	S271	274668	Yellow	L-OCT	137	1701.23	1715.41
S110	201847	Yellow	M-OCT	127	1349.36	1765.30	S272	274691	Green	M-OCT	130	1812.95	1375.84
S111	201850	Yellow	M-OCT	130	1061.44	1747.35	S273	274693	Yellow	M-OCT	130	2443.65	1050.30
S112	201851	Green	M-OCT	131	1536.53	1548.96	S274	274716	Green	L-OCT	137	1814.66	1220.71
*S113	201852	Green	L-OCT	138	2513.08	1814.67	S275	274719	Yellow	M-OCT	130	1325.34	1403.59
S114	201855	Yellow	M-OCT	130	1728.55	1052.68	S276	274731	Green	L-OCT	137	1827.59	1373.60
S115	201856	Yellow	M-OCT	130	1196.02	1091.02	S277	274744	Green	L-OCT	138	2383.92	1618.05
S116	201857	Yellow	M-OCT	130	1341.16	1097.98	S278	274745	Yellow	L-OCT	137	685.30	1648.95
S117	201858	Yellow	M-OCT	133	1687.63	1711.35	S279	274751	Yellow	M-OCT	130	2584.76	1018.11
S118	201859	Yellow	E-OCT	125	906.75	1318.76	S280	274761	Green	L-OCT	137	1641.62	1929.72
S119	201860	Yellow	E-OCT	117	1141.40	1145.63	S281	274762	Yellow	M-OCT	131	1666.96	1018.78
S120	201861	Yellow	M-OCT	130	2605.92	1185.30	S282	274766	Yellow	E-OCT	125	2601.62	1368.14
S121	201862	Green	M-OCT	127	992.25	1693.03	S283	274773	Yellow	E-OCT	123	1210.63	1105.21
S122	201863	Yellow	M-OCT	127	1013.31	1531.78	S284	274775	Yellow	M-OCT	132	1257.91	1224.96
S123	201864	Green	L-OCT	137	1775.21	1887.85	S285	274781	Yellow	E-OCT	125	912.75	1173.38
S124	201866	Green	M-OCT	133	1704.91	1531.04	S286	274782	Yellow	E-OCT	125	1157.23	1163.80
S125	201867	Yellow	L-OCT	137	1215.27	1220.58	S287	274783	Green	M-OCT	133	1605.99	1550.41
S126	201868	Yellow	M-OCT	131	1560.63	1526.24	S288	274892	Yellow	M-OCT	130	845.18	1732.45
S127	201869	Green	L-OCT	137	1772.99	1770.19	S289	274895	Yellow	E-OCT	125	926.89	1106.09
S128	201870	Yellow	M-OCT	130	1457.54	1841.62	S290	274902	Yellow	E-OCT	119	1057.75	1361.19
S129	201874	Green	L-OCT	137	1251.83	1258.20	S291	274962	Yellow	E-OCT	119	774.40	800.76
S130	202307	Green	L-OCT	137	1569.17	1785.91	S292	274973	Yellow	E-OCT	125	1686.30	1997.02
S131	202308	Yellow	E-OCT	125	1048.71	1587.31	S293	274974	Yellow	M-OCT	130	1178.10	979.04
S132	203615	Green	E-OCT	119	1660.78	1010.52	S294	275005	Yellow	E-OCT	116	1820.59	1927.60
S133	203616	Green	M-OCT	133	1492.49	1362.76	S295	276384	Green	M-OCT	133	658.96	1887.28
S134	203617	Yellow	M-OCT	133	1769.03	1761.55	S296	276387	Yellow	M-OCT	127	1487.66	944.83
S135	203618	Yellow	M-OCT	127	1418.67	1927.71	*S297	278716	Green	L-OCT	144	2683.19	1875.98
S136	208526	Green	M-OCT	130	1608.93	1832.41	S298	283320	Yellow	M-OCT	127	1256.46	1774.68
S137	208786	Green	M-OCT	133	1564.54	1940.00	S299	283335	Yellow	M-OCT	132	1054.87	1229.47
S138	209175	Green	L-OCT	144	2241.26	1531.69	S300	283675	Yellow	L-OCT	137	1186.61	1710.73
S139	209179	Yellow	M-OCT	130	864.91	1348.92	S301	283676	Yellow	M-OCT	130	1870.24	1458.04
S140	209911	Yellow	M-OCT	127	1191.86	1184.19	S302	283707	Yellow	M-OCT	130	1098.19	1599.11
S141	211781	Green	L-OCT	144	1946.60	1749.16	S303	283708	Yellow	M-OCT	130	1065.15	1644.57
S142	211784	Green	L-OCT	137	1983.29	1988.24	S304	283855	Yellow	M-OCT	127	1452.56	975.10

S143	211785	Yellow	M-OCT	131	1156.50	1669.65	S305	283856	Yellow	M-OCT	130	948.46	1612.09
S144	211803	Green	M-OCT	132	1158.64	1837.93	S306	283859	Yellow	E-OCT	125	1138.06	895.21
S145	213326	Green	L-OCT	146	865.32	865.91	S307	283860	Yellow	E-OCT	125	1355.79	1206.13
<sup>z</sup> S146	215908	Green	M-OCT	127	2039.30	1991.06	S308	283861	Yellow	M-OCT	127	1983.97	1903.54
S147	216135	Yellow	M-OCT	127	1419.18	522.22	<sup>z</sup> S309	283894	Yellow	E-OCT	125	2618.46	1851.55
<sup>z</sup> S148	216312	Yellow	L-OCT	137	2000.09	1873.88	S310	283993	Yellow	M-OCT	130	1176.53	1671.25
S149	216313	Green	L-OCT	144	2674.87	1525.27	S311	283998	Green	M-OCT	133	2403.33	1383.30
S150	218318	Green	M-OCT	133	1054.06	1881.63	S312	284108	Yellow	M-OCT	127	898.32	1246.21
S151	218966	Yellow	M-OCT	127	1073.52	1753.35	S313	284111	Yellow	M-OCT	130	995.89	1302.99
S152	219321	Yellow	E-OCT	117	850.23	1320.46	S314	285969	Yellow	M-OCT	130	919.87	1508.95
S153	219474	Yellow	M-OCT	127	2237.08	1331.85	<sup>z</sup> S315	285974	Green	L-OCT	138	2076.11	1870.85
S154	219479	Yellow	L-OCT	137	1834.89	1878.92	S316	289237	Yellow	M-OCT	130	1077.28	1120.27
S155	219626	Yellow	E-OCT	125	2569.16	1347.93	S317	289267	Yellow	M-OCT	127	1175.20	1556.46
S156	219751	Green	L-OCT	137	1467.41	1293.74	S318	289374	Green	L-OCT	137	2074.25	1774.60
S157	219768	Yellow	M-OCT	127	1969.78	1032.23	S319	289381	Green	L-OCT	138	2478.21	1552.97
S158	219779	Yellow	M-OCT	130	1881.14	1568.57	S320	308621	Green	L-OCT	144	2011.94	1791.85
S159	220544	Yellow	E-OCT	125	2013.26	1334.21	S321	308628	Yellow	E-OCT	116	1625.37	1437.13
S160	220559	Yellow	L-OCT	144	2577.46	1766.52	S322	308630	Yellow	M-OCT	130	990.24	1781.22
S161	224166	Yellow	E-OCT	125	1660.12	1245.84	S323	308639	Green	M-OCT	133	1906.27	1233.02
S162	224173	Yellow	E-OCT	116	823.48	1801.23							

<sup>z</sup>Landrace with total isoflavone content of > 1800 µg/g and total anthocyanin content of > 2000 mg/100 g; <sup>y</sup>Early- October; <sup>x</sup>Mid-October; <sup>w</sup>Late-October  
<sup>v</sup>Total anthocyanin content, <sup>u</sup>Total isoflavone content.

**Supplementary Table S2.** Variation of isoflavone and anthocyanin contents in 323 soybean landraces grown in Korea according to their cotyledon color and harvest period.

Parameter	Category	Values	Isoflavones ( $\mu\text{g/g}$ )						Anthocyanins ( $\text{mg}/100\text{g}$ )			
			Daidzin	Glycitin	Genistin	Malonyldaidzin	Malonylgenistin	TIC <sup>z</sup>	D-3-O-G <sup>y</sup>	C-3-O-G <sup>x</sup>	Pt-3-O-G <sup>w</sup>	TAC <sup>v</sup>
Cotyledon color	Green (N = 113)	Minimum	29.88	8.20	52.15	156.20	305.42	636.87	0.00	313.50	0.00	569.60
		Maximum	197.74	65.93	344.35	716.49	1274.46	1998.39	593.76	2381.93	207.43	2789.37
		Mean	95.55	28.10	161.50	407.10	801.69	1493.93	253.75	1311.52	90.79	1656.05
	Yellow (N = 210)	Minimum	23.22	2.79	35.20	98.85	247.42	491.29	0.00	237.07	0.00	452.60
		Maximum	219.61	83.46	335.10	766.17	1335.23	1997.15	774.79	2443.65	221.32	2785.15
		Mean	92.74	32.26	142.55	390.11	766.43	1423.09	272.38	1136.08	80.83	1489.30
Harvest period	Early-October (N = 71)	Minimum	23.22	12.29	60.78	98.85	281.85	593.02	0.00	276.16	0.00	576.78
		Maximum	155.54	64.68	224.37	729.91	1335.23	1998.39	774.79	2315.75	216.15	2618.46
		Mean	82.26	31.08	129.66	356.01	741.95	1340.95	274.32	1008.46	68.13	1350.91
	Mid-October (N = 155)	Minimum	23.79	2.79	35.20	165.02	247.42	491.29	0.00	237.07	0.00	452.60
		Maximum	219.61	83.04	294.95	716.49	1310.66	1998.21	739.55	2443.65	216.23	2789.37
		Mean	98.26	32.03	147.31	412.02	764.92	1454.54	281.30	1132.40	90.23	1503.93
	Late-October (N = 97)	Minimum	29.88	7.14	52.15	156.20	305.42	636.87	0.00	463.02	0.00	685.30
		Maximum	194.81	83.46	344.35	766.17	1205.02	1989.55	582.61	2381.93	221.32	2746.41
		Mean	92.81	28.63	166.84	400.29	828.72	1517.31	234.60	1444.26	86.89	1765.76
		Total Mean	93.07	30.81	149.18	396.05	778.76	1447.87	265.86	1197.46	84.31	1547.64
		CV(%)	40.86	41.45	36.75	30.56	26.91	23.70	52.20	44.66	59.78	35.29

<sup>z</sup>Total isoflavone content; <sup>y</sup>Delphinidin-3-O-glucoside; <sup>x</sup>Cyanidin-3-O-glucoside; <sup>w</sup>Petunidin-3-O-glucoside; <sup>v</sup>Total anthocyanin content.