	wt_V	wt_WD	Flower_FB	Flower_H	Stamen	Pistil	Seed-S	Seed-FS	Seed_MR	Pachis_FS	Pachis_VS	Pachis_MR	Corpel	Petals	Seedling	Bud_S	Bud_B	Bud_AB	Bud_W	Bud-L	Stem_W	Stem_C	Leaf_S	Leaf-FS	Leaf_V	Trendr-FS	Trendr-VD	Trendr-R	Trendr-V	Leaf-L	Berry-Length	Berry-Width	Berry-Shape	Berry-Stem	Berry-Pistil	Berry-Pistil-PWIDTH	Berry-Pistil-PHEIGHT	Berry-Pistil-VS	Berry-Pistil-MR	Berry-Pistil-B	Berry-Pistil-AB	Berry-Pistil-W	Berry-Pistil-L	Berry-Stn-FS
VvMAPA922	2.74505	1.09184	1.84147	1.71164	2.76179	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179
VvMAPA923	154.57933	91.102433	266.87067	242.90	565.152667	200.07667	192.5217	124.07433	1046.265	643.151333	172.629333	182.907333	179.768333	2234.993	139.65533	231.297933	134.15633	114.62567	134.7566	1733.157	262.841333	884.528667	28.7982333	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA924	117.2828	181.217	799.987667	665.026333	296.9555	802.833	451.766	118.3319	99.9878667	139.56167	873.829667	500.021667	883.994333	1488.471	94.1173333	615.119667	987.024667	184.7566	1733.157	262.841333	884.528667	28.7982333	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA925	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164	2.74505	1.09184	1.84147	2.76179	1.71164
VvMAPA926	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA927	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA928	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA929 (VvQH12)	65.5523333	92.0586667	76.8543333	124.4473333	66.8993333	83.1773333	70.8928333	76.3128	75.5835667	87.0714	125.264667	101.092667	116.473	77.1853333	70.9073333	31.6427	76.4427	81.0129	215.595667	70.2253333	38.9253333	13.1795333	158.698667	99.9742667	66.7242333	73.5943333	187.596667	70.8163333	130.489
VvMAPA930 (VvQH13)	63.591	107.157333	126.553833	154.557	421.166667	95.0993333	100.578833	108.541	312.347	63.1203667	60.9458667	51.3916	71.0505333	60.8050667	44.8180333	68.9713333	286.474	38.9153333	113.135667	115.516	132.469667	63.0256667	81.8008333	94.4496667	97.5073333	65.5554333
VvMAPA931 (VvQH14)	99.6793333	118.942333	111.8363667	231.1511333	432.078667	139.8723333	170.7833333	179.5333333	312.3123333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333	117.2723333
VvMAPA932 (VvQH15)	1563.2867	2491.181	1825.926667	1026.9333	1179.27033	1795.17033	1056.48833	1216.5101	982.2507	943.591833	1200.141667	1170.84667	1170.1667	1212.1429	1001.15167	1051.67167	1005.01667	1218.0509	866.1195333	809.8961667	572.8425667	1165.1507	1118.22133
VvMAPA933 (VvQH16)	673.572333	740.368433	298.037667	343.7968	520.6931	626.7275	383.4283833	418.5609333	319.2966	556.3836667	960.9360333	497.4028	143.1534667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	154.6284667	208.3432
VvMAPA934 (VvQH17)	1252.5066	2087.7033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033	2187.9267	2011.2033
VvMAPA935 (VvQH18)	294.9666667	205.7966667	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433	41.1433
VvMAPA936 (VvQH19)	429.2579	959.2443	1513.17267	1377.1371	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115	1377.14115
VvMAPA937 (VvQH20)	121.629333	98.0708667	253.0898	219.1705	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898	219.1705	253.0898
VvMAPA938 (VvQH21)	1231.02133	896.999667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667
VvMAPA939 (VvMA48)	198.1517	393.155	189.9512667	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667	313.58467	317.4252	394.429667
VvMAPA940 (VvMA49)	840.6667	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA941 (VvMA50)	463.163	604.113667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667	1427.94667
VvMAPA942 (VvMA51)	613.869667	549.181	833.174767	711.771133	959.2176	669.82667	489.422667	602.7254	560.779733	450.8701	907.9034	844.0215	1042.10433	1202.28933	2485.15267	2237.17027	267.867	1464.65533	3744.0786	700.052167	1374.8729	434.13833	282.527433	1588.09333	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA943 (VvMA52)	308.66167	188.9541	178.4263	1714.6169	994.663667	2391.13667	915.580667	1137.74033	1799.32967	1942.23033	2082.29933	2485.15267	2232.95033	2374.4717	2158.3423	1087.2429	2912.25533	4305.05267	4268.00967	3997.60833	5774.12333	2053.12583	1556.1086	448.35467	1918.35033	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA944 (VvMA53)	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA945 (VvMA54)	1724.4005	1769.70933	2299.6995	2683.58867	2182.89667	2303.93667	2183.79667	1471.67733	2581.5992	2558.49167	2435.7731	2221.01433	2636.94667	1995.95767	2227.37027	267.867	1464.65533	3744.0786	700.052167	1374.8729	434.13833	282.527433	1588.09333	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA946 (VvMA55)	91.6168	94.4757667	85.5489667	64.5253333	261.478333	212.928333	54.0062	98.8205667	84.6245667	66.5725667	40.895667	41.3854	55.9495	33.5543333	153.253133	37.3513333	66.5213667	81.3428	15.1396	67.7922	66.572	124.695667	90.1823333	81.8275667	90.9003133	80.8923333	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA947 (VvMA56)	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA948 (VvMA57)	5461.07667	1714.3844	5451.85067	4314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067	4511.6565	3314.03067
VvMAPA949 (VvMA58)	2570.3975	2263.854667	1932.871833	2934.09467	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633	4741.595633
VvMAPA950 (VvMA59)	70.5518333	192.763	96.4795667	50.2535667	137.124667	57.1267333	96.7571	124.5833333	141.811667	75.1399	97.7921	66.1923667	54.2758667	41.5803333	26.1516	26.6258	81.5667	24.7199333	79.8093333	67.1446	41.8894667	81.2739667	52.7531333	45.9131	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA951 (VvMA60)	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA952 (VvMA74_1)	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA953 (VvMA74_2)	70.5518333	192.763	96.4795667	50.2535667	137.124667	57.1267333	96.7571	124.5833333	141.811667	75.1399	97.7921	66.1923667	54.2758667	41.5803333	26.1516	26.6258	81.5667	24.7199333	79.8093333	67.1446	41.8894667	81.2739667	52.7531333	45.9131	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA954 (VvMA75)	491.8667	470.57933	593.363667	401.155333	382.215467	539.99633	171.8712	508.69167	480.1966	352.1587	639.74833	384.68433	348.93767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767	471.6767
VvMAPA955 (VvMA76)	1821.1353	1723.6873	1455.38057	1377.5948	1385.8185	1406.12553	1393.9853	1402.37033	1397.10167	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477	1034.27477
VvMAPA956 (VvMA77)	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA957 (VvMA78)	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA958 (VvMA79)	1426.1853	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1	1187.1
VvMAPA959 (VvMA80)	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA960 (VvMA72)	4159.6137	3809.78253	3275.7556	4395.51313	4263.80433	3875.53833	3332.8826	4013.3445	5005.4936	5387.8413	5329.5062	5336.95637	3808.84533	5329.5062	5336.95637	3808.84533	5329.5062	5336.95637	3808.84533	5329.5062	5336.95637	3808.84533	5329.5062	5336.95637	3808.84533	5329.5062	5336.95637	3808.84533	5329.5062	5336.95637	3808.84533	5329.5062	5336.95637	3808.84533	5329.5062	5336.95637	3808.84533	5329.5062	5336.95637	3808.84533	5329.5062	5336.95637	3808.84533	5329.5062
VvMAPA961 (VvMA73)	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA962 (VvMA61)	896.2056333	1817.7042	1282.158613	1112.987067	1873.626	2174.41833	1922.4265	1972.58443	1248.03567	1040.99267	1262.672967	1375.3785	2133.84487	1450.22743	2371.5226	1741.3091	1048.2906	2093.04863	699.513133	1542.27167	1843.70033	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA963 (VvMA62)	1576.373	1944.374833	719.3309	793.1126667	1019.86667	650.0606667	567.4233333	869.2133333	1003.847667	752.5245333	1263.05333	1015.482667	1257.15167	1018.42667	1167.1893	403.947333	914.429667	702.101667	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
VvMAPA964 (VvMA42)	2060.734	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9