

TEOSINTES: ANATOMICAL TRAITS

Accession	Origin	Species	Subspecies	RXSA	TCA	TSA	TSA.RXSA	TSA.TCA	AA	%A	CCA	%CCA	XVA	#CC	#CF
Ames 13502	USA	Zea hybrid	na	0.790	0.624	0.167	0.210	0.267	0.101	16.2	0.522	66.07	0.041	455.3	9.7
Ames 21785	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	0.636	0.485	0.151	0.236	0.310	0.010	2.04	0.475	74.62	0.031	504.5	9.3
Ames 21786	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.027	0.747	0.281	0.270	0.370	0.018	3.2	0.728	70.90	0.047	694.3	10.3
Ames 21787	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.020	0.763	0.257	0.244	0.325	0.021	2.66	0.743	72.79	0.043	616.4	10.8
Ames 21789	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.146	0.867	0.279	0.239	0.315	0.096	9.66	0.771	67.24	0.040	602.9	10.3
Ames 21790	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.219	0.866	0.353	0.287	0.403	0.050	5.62	0.816	66.93	0.049	848.0	11.0
Ames 21793	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	0.981	0.706	0.275	0.290	0.410	0.044	5.29	0.662	67.51	0.048	677.2	10.0
Ames 21796	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	0.943	0.734	0.210	0.223	0.288	0.016	1.68	0.718	76.11	0.030	497.2	9.2
Ames 21797	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	0.832	0.599	0.233	0.271	0.374	0.020	4.01	0.580	69.67	0.036	570.9	9.3
Ames 21798	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	0.965	0.716	0.249	0.243	0.326	0.085	12.2	0.631	65.40	0.042	550.1	9.6
Ames 21799	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.142	0.882	0.260	0.227	0.294	0.015	1.69	0.867	75.96	0.044	620.7	10.3
Ames 21800	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.031	0.780	0.251	0.238	0.313	0.076	7.11	0.705	68.33	0.039	580.5	9.5
Ames 21801	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.760	1.328	0.432	0.247	0.331	0.152	11.2	1.176	66.82	0.061	946.4	12.8
Ames 21802	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.290	0.931	0.358	0.272	0.376	0.035	3.25	0.897	69.51	0.051	613.2	10.4
Ames 21803	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	0.934	0.708	0.226	0.245	0.326	0.059	9.95	0.649	69.48	0.033	569.7	9.5
Ames 21808	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.039	0.758	0.281	0.268	0.366	0.112	14.5	0.646	62.16	0.051	640.2	9.9
Ames 21809	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.096	0.847	0.249	0.224	0.290	0.124	15.2	0.723	65.95	0.039	657.7	10.3
Ames 21810	Mexico	<i>Z. mays</i>	<i>parviglumis</i>	1.046	0.781	0.265	0.250	0.335	0.038	5.12	0.742	70.99	0.041	713.8	10.8
Ames 21812	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	0.847	0.615	0.232	0.272	0.375	0.004	0.72	0.610	72.07	0.040	535.8	9.0

Accession	Origin	Species	Subspecies	RXSA	TCA	TSA	TSA.RXSA	TSA.TCA	AA	%A	CCA	%CCA	XVA	#CC	#CF
Ames 21814	Mexico	<i>Z. mays</i>	<i>parviglumis</i>	0.824	0.549	0.274	0.322	0.482	0.004	0.98	0.545	66.15	0.044	561.3	9.4
Ames 21826	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.049	0.798	0.251	0.241	0.321	0.034	3.6	0.763	72.79	0.037	738.8	10.9
Ames 21828	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.369	1.044	0.325	0.238	0.313	0.149	14.5	0.896	65.43	0.045	700.8	10.9
Ames 21829	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	0.898	0.687	0.211	0.234	0.306	0.065	8.6	0.622	69.30	0.036	516.1	9.7
Ames 21830	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.069	0.807	0.262	0.248	0.331	0.031	3.88	0.776	72.57	0.035	577.8	10.6
Ames 21852	unknown	<i>Z. mays</i>	<i>parviglumis</i>	0.671	0.508	0.162	0.242	0.320	0.012	2.46	0.496	73.97	0.025	405.0	9.3
Ames 21855	unknown	<i>Z. mays</i>	<i>parviglumis</i>	0.667	0.517	0.150	0.226	0.292	0.009	1.77	0.508	76.11	0.028	381.3	7.7
Ames 21857	unknown	<i>Z. mays</i>	<i>parviglumis</i>	0.629	0.514	0.115	0.183	0.224	0.075	14.7	0.439	69.76	0.051	394.3	8.7
Ames 21860	USA, Wisconsin	<i>Z. mays</i>	<i>parviglumis</i>	0.446	0.353	0.093	0.209	0.265	0.007	1.88	0.346	77.62	0.018	349.0	9.3
Ames 21861	Mexico	<i>Z. mays</i>	<i>parviglumis</i>	0.755	0.574	0.181	0.239	0.315	0.081	14	0.492	65.25	0.037	417.8	9.0
Ames 21869	Mexico	<i>Z. perennis</i>	na	0.948	0.765	0.183	0.189	0.235	0.059	7.25	0.706	74.46	0.023	862.8	12.2
Ames 21872	Mexico	<i>Z. perennis</i>	na	0.471	0.379	0.091	0.189	0.235	0.000	0.1	0.379	80.49	0.014	508.3	9.2
Ames 21874	Mexico	<i>Z. perennis</i>	na	0.597	0.480	0.117	0.197	0.246	0.002	0.34	0.479	80.14	0.018	499.7	9.3
Ames 21875	Mexico	<i>Z. perennis</i>	na	0.757	0.605	0.152	0.215	0.276	0.009	0.81	0.596	78.76	0.020	593.1	10.1
Ames 21882	Mexico, Jalisco	<i>Z. perennis</i>	na	1.060	0.841	0.218	0.214	0.273	0.027	3.18	0.815	76.87	0.029	798.0	11.6
Ames 21889	Mexico, Jalisco	<i>Z. mays</i>	<i>parviglumis</i>	1.376	0.992	0.384	0.271	0.373	0.043	5.91	0.949	68.95	0.051	655.8	11.6
Ames 21894	Mexico	<i>Z. mays</i>	<i>parviglumis</i>	0.540	0.414	0.126	0.234	0.306	0.007	1.68	0.407	75.31	0.028	449.7	9.7
Ames 8083	Mexico, Federal District	<i>Z. mays</i>	<i>mexicana</i>	0.749	0.555	0.195	0.270	0.372	0.001	0.45	0.553	73.85	0.036	592.5	9.6
NSL 84702	Mexico	<i>Z. mays</i>	<i>mexicana</i>	1.004	0.757	0.247	0.241	0.319	0.060	8.01	0.696	69.34	0.040	651.3	10.0
NSL 84703	Mexico	<i>Z. mays</i>	<i>mexicana</i>	0.564	0.423	0.141	0.251	0.335	0.009	2.15	0.414	73.40	0.033	492.8	8.9
NSL 86670	Mexico	<i>Z. mays</i>	<i>mexicana</i>	0.856	0.647	0.209	0.247	0.330	0.068	8.87	0.578	67.58	0.040	583.3	10.0
PI 384062	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.262	0.930	0.333	0.262	0.355	0.135	12.6	0.795	62.94	0.057	635.2	10.8
PI 384063	Mexico, Mexico	<i>Z. mays</i>	<i>parviglumis</i>	1.031	0.798	0.233	0.225	0.290	0.010	1.1	0.789	76.50	0.039	810.5	11.3
PI 384065	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.428	1.043	0.384	0.272	0.374	0.050	4.3	0.994	69.60	0.051	968.0	12.2

Accession	Origin	Species	Subspecies	RXSA	TCA	TSA	TSA.RXSA	TSA.TCA	AA	%A	CCA	%CCA	XVA	#CC	#CF
PI 384066	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.021	0.775	0.246	0.236	0.309	0.008	0.86	0.767	75.11	0.039	603.2	10.5
PI 384069	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.124	0.864	0.261	0.226	0.293	0.103	8.59	0.761	67.64	0.039	605.0	9.8
PI 384071	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	0.766	0.538	0.227	0.297	0.423	0.086	16.1	0.452	59.02	0.043	472.0	9.7
PI 422162	Mexico,Cha pingo	<i>Z. mays</i>	<i>mexicana</i>	1.037	0.751	0.287	0.274	0.380	0.116	15.1	0.634	61.18	0.044	536.3	9.4
PI 441933	Guatamala, Jutiapa	<i>Z. luxurians</i>	na	0.915	0.678	0.237	0.255	0.343	0.135	15.3	0.562	61.43	0.035	401.0	8.3
PI 441934	Guatamala, Huehuetena ngo	<i>Z. mays</i>	<i>huehuetenangensis</i>	0.857	0.647	0.211	0.250	0.335	0.012	2	0.635	74.03	0.032	543.3	9.6
PI 566674	Mexico, Durango	<i>Z. mays</i>	<i>mexicana</i>	0.639	0.484	0.154	0.241	0.318	0.010	2.02	0.475	74.32	0.030	451.5	9.2
PI 566677	Mexico, Michoacan	<i>Z. mays</i>	<i>mexicana</i>	0.901	0.692	0.210	0.235	0.309	0.047	6.36	0.645	71.53	0.042	620.4	9.8
PI 566680	Mexico, Guanajuato	<i>Z. mays</i>	<i>mexicana</i>	0.553	0.418	0.135	0.246	0.327	0.008	1.78	0.410	74.15	0.026	423.2	8.6
PI 566682	Mexico, Federal District	<i>Z. mays</i>	<i>mexicana</i>	0.889	0.669	0.220	0.247	0.329	0.071	6.29	0.598	67.27	0.050	556.7	9.9
PI 566685	Mexico, Mexico	<i>Z. mays</i>	<i>mexicana</i>	0.948	0.680	0.268	0.272	0.377	0.016	2.08	0.664	70.04	0.044	641.9	10.0
PI 566686	Mexico, Guerrero	<i>Z. mays</i>	<i>mexicana</i>	1.204	0.912	0.292	0.239	0.318	0.105	11.7	0.807	67.04	0.052	617.8	10.3
PI 566687	Mexico, Mexico	<i>Z. mays</i>	<i>mexicana</i>	1.031	0.734	0.297	0.285	0.401	0.046	7.98	0.688	66.73	0.046	475.4	9.4
PI 566688	Mexico, Guerrero	<i>Z. mays</i>	<i>mexicana</i>	0.896	0.669	0.228	0.261	0.356	0.056	6.04	0.612	68.31	0.034	632.1	9.7
PI 566689	Mexico, Mexico	<i>Z. mays</i>	<i>mexicana</i>	0.889	0.665	0.224	0.252	0.338	0.040	6.02	0.625	70.28	0.057	496.7	10.7
PI 566691	Mexico, Michoacan	<i>Z. mays</i>	<i>mexicana</i>	1.097	0.805	0.292	0.249	0.337	0.054	5.1	0.752	68.52	0.045	773.1	11.0
PI 566692	Mexico, Michoacan	<i>Z. mays</i>	<i>mexicana</i>	1.671	1.313	0.359	0.214	0.272	0.169	10.5	1.144	68.43	0.040	759.7	11.8
PI 615697	Nicaragua, Chinandega	<i>Z. nicaraguensis</i>	na	1.707	1.326	0.381	0.222	0.285	0.343	22.8	0.983	57.61	0.048	690.0	11.0

TEOSINTES: ARCHITECTURAL & MORPHOLOGICAL TRAITS

Accession	Origin	Species	Subspecies	RDW	SDW	RDW.SDW	StemDia	Sem#	Nod#	NodLen	SysDia	AvgDia	Tips	Forks
Ames 13502	USA	Zea hybrid	na	6.4	37.0	0.17	16.0	2.0	32.0	80.0	79.0	0.5	396.0	1163.0
Ames 21785	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.6	13.6	0.12	15.5	0.0	22.5	63.0	27.0	0.5	245.0	714.0
Ames 21786	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.7	10.3	0.17	17.0	0.5	23.0	80.5	50.5	0.4	222.0	487.0
Ames 21787	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.9	11.6	0.16	12.0	0.0	21.3	91.0	38.3	0.5	176.3	510.7
Ames 21789	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.9	10.5	0.18	14.7	0.3	23.3	75.7	40.3	0.5	286.3	829.7
Ames 21790	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	2.8	13.0	0.22	14.0	0.0	29.3	85.3	47.7	0.5	206.7	558.7
Ames 21793	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.6	10.5	0.15	20.0	0.0	24.0	83.0	35.5	0.5	301.0	1129.5
Ames 21796	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.4	10.0	0.14	16.5	0.5	20.5	65.0	23.0	0.8	82.5	203.0
Ames 21797	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.6	10.0	0.16	15.0	0.3	21.0	76.5	36.7	0.4	362.5	1294.5
Ames 21798	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.4	11.5	0.12	14.3	0.3	27.7	72.3	39.3	0.5	249.3	726.7
Ames 21799	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	2.5	8.3	0.3	21.0	1.0	26.0	85.0	50.0	0.4	268.0	776.0
Ames 21800	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	3.3	12.9	0.26	17.0	0.0	26.5	94.3	50.5	0.5	136.0	355.5
Ames 21801	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	2.8	12.3	0.23	19.0	0.5	22.5	84.0	62.0	0.6	172.0	473.0
Ames 21802	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.8	10.4	0.17	16.0	0.0	24.7	73.5	42.3	0.5	188.3	714.3
Ames 21803	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	2.0	14.4	0.14	15.5	1.0	29.0	83.0	36.0	0.5	466.5	1780.0
Ames 21808	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	3.6	18.0	0.2	20.3	1.0	28.3	75.2	50.7	0.6	368.5	1300.5
Ames 21809	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	4.0	17.2	0.23	15.7	0.0	34.3	90.7	57.3	0.9	260.3	695.7
Ames 21810	Mexico	<i>Z. mays</i>	<i>parviglumis</i>	1.7	9.5	0.18	12.5	0.5	25.0	79.8	39.0	0.5	377.0	1314.5
Ames 21812	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	2.7	7.1	0.38	19.0	1.0	20.0	88.5	41.0	0.5	232.5	627.5

Accession	Origin	Species	Subspecies	RDW	SDW	RDW.SDW	StemDia	Sem#	Nod#	NodLen	SysDia	AvgDia	Tips	Forks
Ames 21814	Mexico	<i>Z. mays</i>	<i>parviglumis</i>	2.2	13.5	0.16	13.0	0.0	30.0	70.2	72.3	0.5	267.7	847.3
Ames 21826	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.7	12.1	0.14	17.3	0.3	27.0	90.2	44.3	0.6	168.7	442.7
Ames 21828	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	2.1	12.4	0.17	15.0	0.7	19.3	73.7	46.0	0.4	314.7	900.7
Ames 21829	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.1	9.8	0.11	14.0	0.7	23.7	75.2	46.3	0.5	198.3	489.3
Ames 21830	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	2.8	13.3	0.21	12.5	1.5	27.5	88.3	54.0	0.5	367.0	1235.5
Ames 21852	unknown	<i>Z. mays</i>	<i>parviglumis</i>	0.3	5.7	0.05	6.0	0.0	7.0	65.0	22.0	0.5	281.0	699.0
Ames 21855	unknown	<i>Z. mays</i>	<i>parviglumis</i>	0.2	5.4	0.04	9.0	0.0	11.0	32.5	24.0	0.5	159.0	419.0
Ames 21857	unknown	<i>Z. mays</i>	<i>parviglumis</i>	1.1	10.0	0.11	18.0	2.0	11.0	75.5	48.0	0.5	317.0	648.0
Ames 21860	USA, Wisconsin	<i>Z. mays</i>	<i>parviglumis</i>	0.1	5.9	0.02	7.0	0.0	11.0	61.0	25.0	0.4	156.0	440.0
Ames 21861	Mexico	<i>Z. mays</i>	<i>parviglumis</i>	5.4	0.7	NA	18.0	1.0	30.0	85.0	58.0	0.5	353.5	1278.5
Ames 21869	Mexico	<i>Z. perennis</i>	na	1.1	5.9	0.19	11.5	1.0	24.5	58.3	44.0	0.9	135.5	437.5
Ames 21872	Mexico	<i>Z. perennis</i>	na	0.2	4.4	0.05	6.5	0.0	14.5	53.5	40.5	0.5	128.0	358.5
Ames 21874	Mexico	<i>Z. perennis</i>	na	0.0	4.4	NA	5.0	0.0	5.0	44.0	5.0	0.7	117.0	549.0
Ames 21875	Mexico	<i>Z. perennis</i>	na	1.0	5.5	0.18	10.7	0.0	27.7	44.2	28.3	0.6	137.7	416.0
Ames 21882	Mexico, Jalisco	<i>Z. perennis</i>	na	0.8	5.7	0.14	12.3	0.3	28.3	50.0	26.0	0.6	166.0	505.3
Ames 21889	Mexico, Jalisco	<i>Z. mays</i>	<i>parviglumis</i>	3.4	16.5	0.21	17.0	0.7	26.3	76.3	67.0	0.5	464.5	1655.0
Ames 21894	Mexico	<i>Z. mays</i>	<i>parviglumis</i>	0.5	8.3	0.06	7.0	0.0	20.0	53.0	56.0	0.5	177.0	465.0
Ames 8083	Mexico, Federal District	<i>Z. mays</i>	<i>mexicana</i>	4.2	14.9	0.28	21.7	0.3	31.0	78.5	44.3	0.5	342.0	1109.0
NSL 84702	Mexico	<i>Z. mays</i>	<i>mexicana</i>	0.9	7.8	0.12	14.0	0.0	23.0	72.7	28.0	0.4	281.0	834.7
NSL 84703	Mexico	<i>Z. mays</i>	<i>mexicana</i>	1.2	9.2	0.13	19.0	0.3	24.3	74.2	49.3	0.4	184.3	527.7
NSL 86670	Mexico	<i>Z. mays</i>	<i>mexicana</i>	2.3	13.7	0.17	16.7	0.3	26.0	82.2	47.3	0.6	153.7	357.7
PI 384062	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.9	13.3	0.14	12.5	0.0	28.5	76.8	37.0	0.6	150.0	470.0
PI 384063	Mexico, Mexico	<i>Z. mays</i>	<i>parviglumis</i>	0.9	11.6	0.08	16.7	0.5	20.0	71.0	42.0	0.5	284.5	894.5
PI 384065	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	0.8	7.4	0.11	18.0	0.5	13.0	66.5	44.0	0.6	271.5	1016.0

Accession	Origin	Species	Subspecies	RDW	SDW	RDW.SDW	StemDia	Sem#	Nod#	NodLen	SysDia	AvgDia	Tips	Forks
PI 384066	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	1.8	12.6	0.14	20.0	0.5	22.0	77.0	39.5	0.6	208.0	725.5
PI 384069	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	2.3	12.0	0.19	22.0	0.5	22.5	74.8	37.5	1.1	92.5	277.5
PI 384071	Mexico, Guerrero	<i>Z. mays</i>	<i>parviglumis</i>	5.8	24.6	0.24	21.0	1.0	37.0	90.0	46.0	0.4	415.0	1534.0
PI 422162	Mexico,Cha pingo	<i>Z. mays</i>	<i>mexicana</i>	1.6	14.5	0.11	15.7	0.0	16.7	91.7	44.7	0.4	336.0	810.0
PI 441933	Guatamala, Jutiapa	<i>Z. luxurians</i>	na	4.3	14.1	0.3	19.0	0.0	28.0	90.3	54.0	0.4	204.7	449.0
PI 441934	Guatamala, Huehuetena ngo	<i>Z. mays</i>	<i>huehuetenangensis</i>	3.9	12.5	0.31	17.0	0.7	34.7	90.2	73.0	0.5	132.7	331.3
PI 566674	Mexico, Durango	<i>Z. mays</i>	<i>mexicana</i>	1.9	14.3	0.13	21.7	1.0	27.0	71.5	54.5	0.4	216.0	522.0
PI 566677	Mexico, Michoacan	<i>Z. mays</i>	<i>mexicana</i>	2.7	14.6	0.18	24.3	0.3	27.7	88.2	60.3	0.5	238.0	692.7
PI 566680	Mexico, Guanajuato	<i>Z. mays</i>	<i>mexicana</i>	2.1	13.4	0.16	21.0	1.3	31.0	81.3	52.7	0.4	203.3	562.7
PI 566682	Mexico, Federal District	<i>Z. mays</i>	<i>mexicana</i>	5.3	15.4	0.34	20.3	0.3	35.5	74.0	65.3	0.4	153.0	443.3
PI 566685	Mexico, Mexico	<i>Z. mays</i>	<i>mexicana</i>	3.7	17.3	0.21	22.0	1.3	36.7	83.5	72.3	0.4	251.3	886.0
PI 566686	Mexico, Guerrero	<i>Z. mays</i>	<i>mexicana</i>	1.6	8.5	0.19	13.3	0.7	13.0	68.5	34.0	0.5	201.7	548.0
PI 566687	Mexico, Mexico	<i>Z. mays</i>	<i>mexicana</i>	2.2	12.0	0.18	19.7	0.3	22.3	73.0	44.0	0.7	256.7	783.0
PI 566688	Mexico, Guerrero	<i>Z. mays</i>	<i>mexicana</i>	3.1	12.9	0.24	19.0	0.7	25.3	76.3	54.7	0.5	182.3	565.0
PI 566689	Mexico, Mexico	<i>Z. mays</i>	<i>mexicana</i>	4.3	14.0	0.31	18.0	1.0	28.0	100.0	55.5	0.6	319.7	1262.3
PI 566691	Mexico, Michoacan	<i>Z. mays</i>	<i>mexicana</i>	2.5	13.0	0.19	19.0	0.0	24.5	82.0	48.3	0.4	186.0	476.3
PI 566692	Mexico, Michoacan	<i>Z. mays</i>	<i>mexicana</i>	1.9	8.2	0.23	15.5	0.0	22.5	86.3	35.0	0.6	302.5	1078.5
PI 615697	Nicaragua, Chinandega	<i>Z. nicaraguensis</i>	na	1.0	7.5	0.13	13.7	0.0	16.3	65.8	37.3	0.9	188.7	673.3

LANDRACES: ANATOMICAL TRAITS

Accession	Origin	RXSA	TCA	TSA	TSA.RXSA	TSA.TCA	AA	%A	CCA	%CCA	XVA	#CC	#CF
Ames 16950	Bolivia	0.935	0.647	0.288	0.291	0.424	0.111	15.71	0.536	57.29	0.052	522.6	8.8
Ames 1903	USA, Maryland	0.815	0.566	0.249	0.306	0.441	0.013	2.12	0.553	67.91	0.059	542.2	9.4
Ames 19097	USA, Iowa	1.020	0.747	0.272	0.271	0.375	0.024	3.11	0.723	70.95	0.069	542.8	10.2
Ames 19467	Mexico, Guerrero	0.864	0.639	0.225	0.260	0.353	0.012	1.70	0.628	72.66	0.053	659.2	10.6
Ames 19532	Mexico, Jalisco	0.600	0.435	0.165	0.276	0.381	0.001	0.16	0.434	72.32	0.044	559.0	9.0
Ames 19540	Mexico, Jalisco	0.572	0.437	0.135	0.235	0.307	0.005	1.25	0.432	75.51	0.022	444.0	8.9
Ames 19617	Mexico, Nayarit	1.135	0.844	0.292	0.258	0.347	0.068	6.41	0.775	68.29	0.056	698.7	10.7
Ames 19688	Mexico, Puebla	0.675	0.487	0.188	0.279	0.387	0.022	4.59	0.464	68.83	0.040	526.7	9.0
Ames 19802	Mexico, Zacatecas	0.676	0.489	0.187	0.281	0.393	0.009	1.81	0.479	70.89	0.042	437.6	8.6
Ames 19879	Mexico, Puebla	0.592	0.421	0.171	0.288	0.406	0.007	1.55	0.415	70.04	0.028	408.3	8.7
Ames 19897	Mexico, Oaxaca	0.993	0.712	0.281	0.284	0.398	0.054	8.30	0.658	66.23	0.056	535.8	9.4
Ames 19907	Mexico, Oaxaca	0.738	0.565	0.173	0.234	0.306	0.015	2.59	0.550	74.54	0.041	518.0	9.3
Ames 19924	Mexico, Guerrero	1.170	0.808	0.362	0.304	0.445	0.052	6.10	0.756	64.65	0.070	681.8	10.2
Ames 19926	Mexico, Guerrero	1.448	1.017	0.431	0.295	0.421	0.100	9.94	0.917	63.34	0.087	854.0	11.8
Ames 19946	Mexico, Nayarit	1.323	0.960	0.364	0.278	0.386	0.044	5.80	0.916	69.18	0.087	790.1	11.6
Ames 19962	Mexico, Mexico	0.817	0.610	0.208	0.255	0.347	0.069	8.22	0.541	66.18	0.046	613.3	9.9
Ames 19970	Mexico, Oaxaca	1.065	0.770	0.295	0.275	0.381	0.008	1.04	0.762	71.58	0.066	757.6	11.2
Ames 19981	Mexico, Oaxaca	1.042	0.764	0.277	0.267	0.364	0.045	5.93	0.720	69.08	0.067	549.5	9.8
NSL 106891	USA, Florida	1.308	0.952	0.357	0.269	0.370	0.171	16.25	0.781	59.71	0.086	647.0	11.0
NSL 6544	Paraguay, mislones	0.792	0.599	0.192	0.234	0.317	0.077	12.57	0.523	66.06	0.036	504.5	10.0
NSL 6547	Argentina	0.625	0.486	0.139	0.226	0.292	0.122	19.50	0.364	58.24	0.035	309.2	7.5
NSL 6549	Brazil, Sao Paulo	0.889	0.642	0.247	0.284	0.397	0.008	1.15	0.634	71.31	0.059	583.3	9.5
PI 213706	USA, Iowa	0.960	0.662	0.298	0.309	0.447	0.024	4.85	0.638	66.44	0.066	518.0	9.2
PI 217404	Argentina	0.978	0.684	0.294	0.301	0.430	0.005	0.73	0.679	69.43	0.056	351.0	8.0
PI 218180	USA, Arizona	1.306	0.974	0.332	0.254	0.341	0.052	5.00	0.923	70.64	0.075	753.1	11.4
PI 218186	USA, Arizona	0.939	0.661	0.278	0.301	0.433	0.016	2.83	0.645	68.70	0.061	565.9	9.3
PI 221881	USA, Missouri	1.327	0.963	0.363	0.271	0.372	0.107	13.10	0.856	64.54	0.084	753.3	11.1
PI 221888	USA, Missouri	1.487	1.032	0.455	0.292	0.421	0.080	9.71	0.952	64.00	0.099	786.0	11.4
PI 222609	USA, Kansas	0.556	0.422	0.134	0.236	0.310	0.004	1.16	0.418	75.10	0.029	385.7	8.0
PI 234767	Spain, Canary Islands	1.192	0.909	0.283	0.238	0.312	0.159	17.22	0.751	62.95	0.067	661.0	11.0

Accession	Origin	RXSA	TCA	TSA	TSA.RXSA	TSA.TCA	AA	%A	CCA	%CCA	XVA	#CC	#CF
PI 235282	Bolivia, Santa Cruz	0.916	0.691	0.225	0.247	0.327	0.012	1.73	0.679	74.11	0.053	680.8	10.2
PI 240318	Bolivia	0.675	0.462	0.212	0.295	0.423	0.053	7.29	0.409	60.69	0.057	396.1	8.2
PI 275835	USA, Pennsylvania	1.151	0.836	0.315	0.262	0.359	0.108	14.90	0.727	63.19	0.068	577.2	10.2
PI 311229	USA, Arizona	1.475	1.007	0.468	0.318	0.469	0.101	10.62	0.906	61.45	0.127	599.8	9.5
PI 360877	USA, North Carolina	1.512	1.150	0.363	0.235	0.308	0.043	4.62	1.107	73.20	0.071	956.3	12.1
PI 390842	Peru	1.381	1.065	0.316	0.229	0.297	0.009	0.86	1.056	76.45	0.073	735.0	11.3
PI 401754	USA, New York	0.695	0.458	0.236	0.336	0.508	0.056	13.04	0.402	57.95	0.054	407.0	7.8
PI 401757	USA, Illinois	0.958	0.715	0.243	0.253	0.339	0.073	10.51	0.642	67.04	0.050	612.3	9.8
PI 438943	Mexico, Chiapas	0.774	0.550	0.224	0.278	0.391	0.024	4.38	0.526	67.96	0.064	500.6	9.2
PI 443781	Colombia, Antioquia	0.870	0.602	0.267	0.308	0.447	0.087	13.13	0.515	59.25	0.059	467.0	8.7
PI 443963	Colombia, Antioquia	0.578	0.407	0.171	0.296	0.424	0.007	1.62	0.400	69.21	0.035	392.0	7.9
PI 444005	Colombia, Atlantico	1.337	0.899	0.438	0.329	0.493	0.110	12.80	0.788	58.96	0.093	610.9	10.1
PI 444095	Colombia, Boyaca	0.915	0.659	0.256	0.257	0.350	0.060	10.19	0.599	65.45	0.046	386.2	8.3
PI 444125	Colombia, Boyaca	0.808	0.620	0.188	0.236	0.310	0.071	10.26	0.549	67.99	0.038	459.3	9.7
PI 444165	Colombia, Boyaca	0.999	0.754	0.245	0.249	0.333	0.083	11.88	0.671	67.19	0.045	620.7	10.4
PI 444173	Colombia, Boyaca	0.920	0.674	0.246	0.245	0.329	0.035	8.15	0.639	69.43	0.045	514.3	9.4
PI 444266	Colombia Caldas	1.228	0.897	0.332	0.271	0.372	0.101	10.62	0.796	64.80	0.062	629.0	10.6
PI 444408	Colombia, Cauca	0.849	0.640	0.209	0.242	0.323	0.012	1.95	0.628	73.96	0.034	626.7	10.2
PI 444498	Colombia, Cundinamarca	1.407	1.040	0.367	0.261	0.359	0.192	17.63	0.848	60.28	0.087	613.1	10.6
PI 444499	Colombia, Cundinamarca	1.078	0.781	0.297	0.269	0.372	0.131	14.10	0.650	60.30	0.068	663.4	10.9
PI 444642	Colombia, Cundinamarca	1.008	0.685	0.323	0.320	0.473	0.000	0.00	0.685	67.95	0.063	403.0	8.0
PI 444897	Colombia, Magdalena	0.986	0.667	0.319	0.324	0.479	0.002	0.28	0.665	67.43	0.061	710.5	10.0
PI 444954	Colombia, Magdalena	0.946	0.679	0.267	0.280	0.390	0.095	14.67	0.584	61.77	0.060	500.1	9.0
PI 445067	Colombia, Narino	0.914	0.677	0.237	0.251	0.337	0.060	7.78	0.617	67.50	0.046	550.2	9.5
PI 445082	Colombia, Narino	0.896	0.659	0.237	0.255	0.345	0.052	8.17	0.608	67.82	0.051	531.8	9.5
PI 445251	Colombia, Narino	0.459	0.359	0.100	0.217	0.278	0.003	0.76	0.356	77.69	0.023	272.7	8.5
PI 445298	Colombia , Putumayo	0.836	0.643	0.193	0.232	0.304	0.015	2.45	0.628	75.13	0.034	645.7	10.8
PI 445355	Colombia, Norte de Santander	1.048	0.752	0.296	0.278	0.388	0.105	14.55	0.646	61.68	0.059	502.3	8.7
PI 467154	Chile, Valparaiso	0.883	0.613	0.270	0.306	0.443	0.041	5.23	0.572	64.81	0.064	554.0	9.3
PI 467167	Chile, Valparaiso	0.899	0.656	0.243	0.275	0.380	0.146	21.51	0.510	56.72	0.050	543.0	8.8
PI 467168	Chile, Valparaiso	0.908	0.656	0.252	0.278	0.388	0.016	2.37	0.640	70.54	0.060	613.8	10.2
PI 467171	Chile, Valparaiso	1.015	0.713	0.302	0.290	0.410	0.061	15.62	0.651	64.17	0.059	697.2	9.7

Accession	Origin	RXSA	TCA	TSA	TSA.RXSA	TSA.TCA	AA	%A	CCA	%CCA	XVA	#CC	#CF
PI 467177	Chile, Valparaiso	1.126	0.800	0.326	0.288	0.405	0.017	2.25	0.783	69.56	0.080	783.5	11.0
PI 467216	Chile, Maule	1.109	0.813	0.296	0.265	0.362	0.053	6.79	0.760	68.53	0.061	668.4	10.7
PI 467225	Chile, Maule	1.426	1.041	0.385	0.270	0.370	0.134	11.10	0.907	63.59	0.076	896.8	12.0
PI 467230	Chile, Maule	0.888	0.636	0.252	0.286	0.402	0.000	0.00	0.636	71.65	0.050	669.7	10.0
PI 467262	Chile, bio-bio	0.888	0.643	0.245	0.278	0.389	0.025	3.67	0.619	69.66	0.047	636.6	9.9
PI 467280	Chile, bio-bio	0.944	0.663	0.280	0.296	0.422	0.012	1.88	0.651	68.99	0.060	507.9	9.1
PI 471823	Costa Rica	1.196	0.831	0.365	0.303	0.440	0.018	2.21	0.813	67.95	0.072	615.4	10.3
PI 471857	Costa Rica	0.746	0.557	0.190	0.253	0.340	0.021	3.71	0.535	71.73	0.032	486.8	9.2
PI 471893	Bolivia	0.941	0.690	0.251	0.268	0.367	0.026	3.51	0.665	70.67	0.051	626.2	10.1
PI 474205	Mexico, Sonora	1.194	0.854	0.341	0.288	0.414	0.044	4.28	0.809	67.76	0.082	748.2	11.2
PI 476869	USA, Arizona	1.013	0.712	0.301	0.298	0.424	0.094	13.25	0.617	60.95	0.066	561.7	9.0
PI 479123	Paraguay	0.971	0.714	0.257	0.269	0.369	0.121	15.94	0.593	61.09	0.049	621.2	10.5
PI 483312	USA, South Carolina	0.652	0.515	0.136	0.215	0.275	0.009	2.63	0.506	77.65	0.037	471.5	9.3
PI 483878	Grenada	1.134	0.843	0.290	0.249	0.334	0.109	13.15	0.734	64.74	0.062	550.4	9.8
PI 483911	Jamaica	1.104	0.812	0.292	0.262	0.356	0.080	8.58	0.732	66.29	0.062	736.7	11.0
PI 484975	Guatemala, Suchitepequez	1.001	0.694	0.307	0.307	0.443	0.021	3.04	0.673	67.19	0.070	635.0	11.3
PI 485104	Brazil, Sao Paulo	1.228	0.904	0.324	0.265	0.362	0.137	14.43	0.767	62.46	0.070	582.2	10.0
PI 48533	Chile, Santiago	0.664	0.490	0.174	0.262	0.355	0.003	0.71	0.487	73.32	0.053	376.3	8.7
PI 48543	Chile, Los Lagos	0.665	0.482	0.183	0.275	0.380	0.012	2.59	0.470	70.64	0.045	485.1	8.9
PI 485690	Chile, Los Lagos	0.860	0.629	0.231	0.268	0.366	0.022	3.29	0.607	70.60	0.047	578.0	9.3
PI 485711	Chile, Santiago	0.538	0.376	0.162	0.301	0.431	0.032	8.30	0.344	63.97	0.040	313.3	7.3
PI 485717	Bolivia, Santa Cruz	1.027	0.742	0.285	0.269	0.371	0.107	12.07	0.635	61.79	0.063	591.0	9.8
PI 486516	Ecuador	1.336	0.965	0.371	0.278	0.387	0.153	14.57	0.812	60.75	0.081	627.9	10.4
PI 487903	Peru, Lima	1.164	0.831	0.333	0.287	0.402	0.062	8.17	0.768	66.02	0.072	660.8	10.3
PI 488408	Peru, Madre de Dios	0.899	0.669	0.230	0.257	0.348	0.026	6.39	0.643	71.49	0.047	695.3	10.9
PI 488492	Dominican Republic	0.958	0.689	0.270	0.272	0.377	0.025	2.95	0.664	69.28	0.052	692.7	10.3
PI 489682	Guatemala, Chiquimula	0.463	0.331	0.132	0.286	0.400	0.006	1.93	0.325	70.07	0.033	345.7	8.0
PI 490825	Argentina, Chaco	0.960	0.720	0.240	0.252	0.338	0.065	9.13	0.655	68.17	0.052	532.8	10.0
PI 492020	Barbados	1.040	0.702	0.339	0.321	0.479	0.053	7.71	0.649	62.32	0.081	453.7	9.0
PI 498451	Cuba	1.135	0.832	0.303	0.268	0.369	0.074	9.25	0.774	68.20	0.052	527.7	9.5
PI 498570	Guadeloupe	1.159	0.885	0.274	0.233	0.305	0.109	12.14	0.776	66.98	0.047	585.4	10.6
PI 498609	Haiti	1.045	0.710	0.335	0.321	0.474	0.042	5.97	0.668	63.95	0.060	695.2	9.9

Accession	Origin	RXSA	TCA	TSA	TSA.RXSA	TSA.TCA	AA	%A	CCA	%CCA	XVA	#CC	#CF
PI 498684	Puerto Rico	1.319	0.940	0.379	0.288	0.404	0.002	0.27	0.937	71.05	0.091	744.7	11.3
PI 498686	U.S. Virgin Islands, St. Croix	0.961	0.730	0.231	0.242	0.320	0.109	14.00	0.620	64.56	0.050	548.8	9.8
PI 498703	Trinidad and Tobago, Trinidad	1.139	0.822	0.317	0.273	0.378	0.106	10.52	0.716	62.84	0.067	498.3	9.6
PI 503560	Mexico	0.874	0.629	0.245	0.280	0.389	0.020	2.59	0.609	69.67	0.041	470.0	9.1
PI 503563	USA, Arizona	1.085	0.742	0.343	0.317	0.464	0.015	2.18	0.727	66.99	0.101	656.1	10.2
PI 503566	USA, Arizona	1.224	0.834	0.391	0.313	0.457	0.034	3.55	0.800	65.36	0.106	721.1	10.7
PI 503574	Mexico, Sinaloa	1.033	0.744	0.289	0.281	0.391	0.045	5.86	0.699	67.66	0.068	613.4	10.1
PI 503720	Peru, Lambayeque	0.910	0.658	0.252	0.282	0.394	0.046	6.47	0.612	67.26	0.064	562.6	10.0
PI 504118	Guatemala	0.881	0.668	0.213	0.242	0.321	0.044	7.21	0.625	70.88	0.046	548.0	9.8
PI 508270	USA, Arizona	0.960	0.696	0.265	0.279	0.395	0.016	2.39	0.681	70.86	0.053	755.7	10.7
PI 515087	Peru, San Martin	1.030	0.714	0.316	0.310	0.452	0.092	12.30	0.622	60.37	0.060	559.1	9.4
PI 515463	Mexico, Sonora	1.496	1.033	0.463	0.311	0.452	0.016	1.37	1.017	68.02	0.099	959.3	12.5
PI 516002	Argentina, Mendoza	0.915	0.679	0.236	0.259	0.350	0.058	6.87	0.621	67.80	0.056	691.7	10.8
PI 516008	Argentina, Mendoza	1.368	0.989	0.379	0.278	0.385	0.109	11.09	0.880	64.34	0.072	656.7	10.7
PI 516018	Argentina, Mendoza	0.999	0.674	0.325	0.326	0.483	0.104	15.51	0.570	57.02	0.072	498.7	9.3
PI 516025	Argentina, Mendoza	0.432	0.347	0.085	0.196	0.245	0.003	0.75	0.345	79.74	0.016	346.7	8.3
PI 516049	Argentina, Mendoza	1.344	0.930	0.414	0.305	0.439	0.003	0.68	0.927	68.98	0.074	789.0	11.2
PI 516052	Argentina, Mendoza	1.041	0.732	0.309	0.290	0.410	0.063	7.20	0.669	64.27	0.056	666.7	9.8
PI 516060	Argentina, Mendoza	0.998	0.721	0.277	0.277	0.384	0.018	2.17	0.703	70.45	0.059	706.0	10.7
PI 516061	Argentina, Mendoza	0.786	0.561	0.225	0.287	0.402	0.037	6.32	0.525	66.72	0.056	464.3	8.8
PI 516074	Argentina, Nuequen	0.703	0.555	0.148	0.210	0.267	0.008	1.39	0.547	77.86	0.044	469.3	9.7
PI 540761	USA, Georgia	1.019	0.751	0.268	0.258	0.348	0.014	1.53	0.737	72.33	0.061	682.6	10.7
PI 571394	Peru, Ancash	0.831	0.644	0.187	0.225	0.290	0.056	8.67	0.588	70.76	0.043	442.0	9.5
PI 571401	Peru, Ancash	0.759	0.574	0.186	0.245	0.324	0.002	0.30	0.572	75.33	0.027	660.3	9.7
PI 571402	Peru, Ancash	0.657	0.500	0.157	0.232	0.305	0.013	2.37	0.487	74.03	0.028	482.5	9.3
PI 571423	Peru, Apurimac	0.795	0.631	0.165	0.207	0.261	0.009	1.45	0.622	78.13	0.035	661.3	11.7
PI 571427	Peru, Arequipa	0.918	0.720	0.198	0.216	0.276	0.002	0.34	0.717	78.14	0.045	783.0	11.3
PI 571437	Peru, Cajamarca	0.740	0.579	0.161	0.218	0.279	0.101	17.22	0.478	64.55	0.031	455.0	8.9
PI 571439	Peru, Lambayeque	1.195	0.941	0.255	0.205	0.261	0.083	9.71	0.858	71.79	0.059	717.2	11.6
PI 571447	Peru, Piura	0.649	0.481	0.168	0.236	0.317	0.024	6.60	0.458	70.53	0.028	405.8	8.2
PI 571465	Peru, Tacna	1.055	0.844	0.212	0.222	0.298	0.071	6.03	0.772	73.15	0.036	659.6	10.9
PI 571479	Peru, Ancash	0.864	0.670	0.194	0.225	0.295	0.019	2.78	0.651	75.33	0.041	618.7	10.7

Accession	Origin	RXSA	TCA	TSA	TSA.RXSA	TSA.TCA	AA	%A	CCA	%CCA	XVA	#CC	#CF
PI 571522	Peru, Ica	0.855	0.616	0.239	0.282	0.394	0.026	3.91	0.589	68.96	0.051	587.8	10.2
PI 571523	Peru, Ica	0.995	0.748	0.247	0.255	0.344	0.044	5.90	0.704	70.75	0.057	628.4	10.4
PI 571543	Peru, Lima	1.666	1.226	0.440	0.257	0.346	0.009	1.22	1.217	73.01	0.077	1127.8	13.7
PI 571550	Peru, Moquegua	1.043	0.775	0.268	0.257	0.347	0.003	0.40	0.772	73.99	0.057	867.7	12.7
PI 571573	Peru, Amazonas	0.389	0.313	0.076	0.196	0.244	0.002	0.77	0.310	79.73	0.012	322.5	9.0
PI 571581	Peru, Apurimac	0.964	0.720	0.243	0.246	0.330	0.021	3.26	0.699	72.53	0.044	697.1	10.8
PI 571582	Peru, Apurimac	0.835	0.632	0.203	0.243	0.320	0.002	0.37	0.630	75.45	0.043	705.9	11.0
PI 571584	Peru, Apurimac	0.883	0.642	0.241	0.267	0.365	0.001	0.13	0.641	72.59	0.056	680.4	10.6
PI 571629	Peru, Cuzco	1.284	0.931	0.352	0.276	0.381	0.011	1.44	0.920	71.71	0.064	900.4	11.4
PI 571676	Peru, Madre de Dios	1.073	0.763	0.310	0.281	0.393	0.024	4.31	0.739	68.87	0.046	592.2	10.2
PI 571749	Peru, Cuzco	1.026	0.750	0.277	0.271	0.373	0.001	0.17	0.748	72.92	0.058	885.3	11.6
PI 571770	Peru, Huancavelica	0.801	0.600	0.201	0.250	0.334	0.025	4.48	0.575	71.80	0.036	520.0	9.0
PI 571822	Peru, Lambayeque	0.746	0.553	0.193	0.262	0.355	0.056	7.88	0.497	66.63	0.033	464.8	8.7
PI 571853	Peru, Piura	0.970	0.712	0.258	0.269	0.370	0.086	9.04	0.626	64.52	0.050	497.2	9.0
PI 571891	Peru, Arequipa	0.598	0.437	0.161	0.250	0.339	0.001	0.24	0.437	72.98	0.031	423.0	8.8
PI 571913	Peru, Huanuco	1.252	0.946	0.306	0.242	0.321	0.110	10.83	0.837	66.80	0.069	647.8	10.5
PI 571954	Peru, Ancash	0.771	0.589	0.182	0.236	0.310	0.004	0.67	0.585	75.90	0.038	622.7	10.0
PI 571975	Peru, Cajamarca	1.052	0.780	0.272	0.259	0.349	0.046	5.86	0.734	69.78	0.042	757.0	11.3
PI 571986	Peru, Huanuco	1.126	0.807	0.319	0.262	0.361	0.149	14.59	0.658	58.47	0.059	520.3	9.3
PI 571994	Peru, Madre de Dios	1.307	0.965	0.342	0.263	0.359	0.119	12.75	0.846	64.77	0.064	721.8	11.0
PI 572037	Peru, Arequipa	0.602	0.475	0.128	0.210	0.269	0.003	0.66	0.472	78.31	0.026	501.3	9.3
PI 572038	Peru, Arequipa	0.725	0.545	0.180	0.250	0.336	0.002	0.26	0.544	74.98	0.032	476.2	9.2
PI 572049	Peru, Cuzco	0.623	0.470	0.152	0.246	0.326	0.003	0.48	0.468	75.11	0.030	560.7	9.8
PI 572073	Peru, Puno	0.577	0.462	0.114	0.193	0.241	0.003	0.74	0.459	79.66	0.032	376.8	8.3
PI 572146	Peru, Junin	0.668	0.511	0.157	0.233	0.306	0.004	0.75	0.507	75.90	0.044	516.8	9.3
PI 583344	Reunion	0.790	0.594	0.195	0.251	0.336	0.030	4.52	0.564	71.44	0.034	494.9	9.0
PI 583749	Colombia	0.602	0.425	0.176	0.295	0.418	0.013	2.96	0.412	68.54	0.047	347.2	8.5
PI 583750	Colombia	1.086	0.781	0.306	0.288	0.406	0.011	1.60	0.769	70.82	0.057	646.0	10.2
PI 583751	Colombia	1.058	0.772	0.286	0.257	0.350	0.037	3.96	0.734	69.43	0.056	620.8	9.9
PI 583752	Colombia	0.991	0.739	0.252	0.251	0.336	0.055	7.99	0.684	69.01	0.049	690.0	10.4
PI 583894	Mexico, Sonora	0.792	0.585	0.207	0.254	0.343	0.087	11.31	0.498	62.93	0.041	426.4	8.6
PI 583917	Brazil, Sergipe	1.479	1.051	0.428	0.291	0.410	0.037	3.67	1.014	68.59	0.099	920.2	11.8

Accession	Origin	RXSA	TCA	TSA	TSA.RXSA	TSA.TCA	AA	%A	CCA	%CCA	XVA	#CC	#CF
PI 583923	Uruguay, San Jose	0.904	0.661	0.243	0.264	0.360	0.081	13.22	0.580	64.17	0.054	560.9	9.8
PI 583926	Uruguay, San Jose	0.657	0.469	0.188	0.263	0.369	0.067	15.77	0.402	61.28	0.039	339.5	7.7
PI 583927	Uruguay, San Jose	0.762	0.567	0.196	0.258	0.348	0.082	12.66	0.485	63.56	0.039	466.2	8.5
PI 583928	Uruguay, San Jose	0.741	0.553	0.187	0.251	0.337	0.013	3.21	0.540	72.96	0.036	629.2	9.9
PI 583932	Uruguay, San Jose	0.706	0.524	0.182	0.259	0.353	0.091	17.71	0.435	61.56	0.050	434.4	8.6
PI 584439	Colombia, Caldas	1.000	0.736	0.264	0.264	0.360	0.064	9.15	0.672	67.17	0.066	588.8	10.2
PI 584440	Colombia, Caldas	1.279	0.942	0.337	0.263	0.358	0.042	6.85	0.900	70.36	0.075	819.8	11.9
PI 586644	Mexico, Tamaulipas	1.112	0.809	0.303	0.273	0.376	0.154	16.17	0.655	58.91	0.073	562.7	9.3
PI 586765	Virgin Islands (British)	0.712	0.538	0.174	0.236	0.315	0.137	24.93	0.401	56.26	0.038	327.3	8.0
PI 586784	Trinidad and Tobago, Tobago	1.060	0.766	0.295	0.275	0.380	0.046	6.02	0.720	67.90	0.054	606.2	10.3
PI 596543	USA, Nebraska	1.332	0.966	0.366	0.274	0.379	0.054	5.99	0.912	68.49	0.065	875.8	12.2
PI 608619	USA, Colorado	0.950	0.690	0.259	0.272	0.375	0.053	8.13	0.637	67.10	0.072	561.0	10.0
PI 620780	Mexico, Chihuahua	0.958	0.699	0.259	0.272	0.374	0.090	11.49	0.609	63.54	0.056	494.2	8.8
PI 620796	Mexico, Guanajuato	0.871	0.623	0.249	0.289	0.407	0.015	2.20	0.608	69.74	0.071	611.3	10.3
PI 620801	Mexico, Guerrero	1.093	0.779	0.314	0.285	0.399	0.013	1.55	0.767	70.13	0.058	811.1	11.2
PI 620804	Mexico, Guerrero	0.921	0.633	0.288	0.310	0.450	0.004	0.74	0.629	68.26	0.065	629.6	9.9
PI 620829	Mexico, Mexico	1.966	1.441	0.525	0.268	0.366	0.079	5.39	1.363	69.29	0.117	883.0	13.3
PI 620839	Mexico, Nayarit	0.695	0.506	0.188	0.269	0.370	0.019	4.06	0.487	70.11	0.046	564.2	9.4
PI 620843	Mexico, Oaxaca	0.976	0.709	0.266	0.273	0.376	0.044	6.70	0.665	68.14	0.049	719.5	11.0
PI 620849	Mexico, Puebla	1.139	0.767	0.372	0.320	0.478	0.059	8.24	0.708	62.16	0.099	711.3	10.7
PI 620857	Mexico, Sinaloa	0.902	0.659	0.243	0.266	0.363	0.058	7.45	0.601	66.59	0.055	612.0	10.2
PI 620858	Mexico, Sinaloa	0.959	0.682	0.277	0.290	0.409	0.013	2.09	0.669	69.72	0.069	792.4	10.8
PI 628446	Mexico, Jalisco	0.900	0.664	0.236	0.265	0.361	0.008	1.16	0.656	72.89	0.061	586.1	9.9
PI 628460	Mexico, Nayarit	0.782	0.591	0.191	0.248	0.339	0.014	2.98	0.577	73.75	0.043	593.4	9.8
PI 628480	Mexico, Puebla	1.576	1.131	0.446	0.282	0.394	0.131	11.51	1.000	63.45	0.090	729.2	10.8
PI 629130	Mexico, Chiapas	0.960	0.680	0.280	0.283	0.395	0.029	3.32	0.651	67.79	0.069	620.6	9.8
PI 629147	Mexico, Coahuila	0.973	0.680	0.293	0.301	0.432	0.071	8.57	0.609	62.54	0.069	545.0	9.2
PI 629157	Mexico, Durango	0.884	0.668	0.216	0.244	0.323	0.068	10.88	0.600	67.89	0.052	584.2	10.0
PI 629191	Mexico, Jalisco	0.806	0.574	0.232	0.271	0.375	0.065	9.65	0.509	63.10	0.045	503.7	9.0
PI 629202	Mexico, Jalisco	1.345	0.921	0.423	0.315	0.459	0.099	10.74	0.822	61.16	0.098	968.7	12.7
PI 629245	Mexico, Puebla	0.950	0.650	0.301	0.313	0.458	0.031	4.75	0.619	65.10	0.066	655.8	10.0
PI 629246	Mexico, Puebla	0.868	0.604	0.264	0.292	0.417	0.014	2.31	0.590	67.90	0.066	525.7	9.3

Accession	Origin	RXSA	TCA	TSA	TSA.RXSA	TSA.TCA	AA	%A	CCA	%CCA	XVA	#CC	#CF
PI 629255	Mexico, Sinaloa	1.136	0.833	0.303	0.268	0.368	0.032	3.45	0.800	70.48	0.077	621.6	10.0
PI 629262	Mexico, Zacatecas	0.897	0.629	0.268	0.295	0.426	0.016	2.33	0.614	68.43	0.053	539.4	9.1
PI 629263	Mexico, Zacatecas	0.622	0.421	0.201	0.322	0.480	0.011	2.72	0.409	65.81	0.041	404.0	7.7
PI401755	USA, South Dakota	0.657	0.479	0.178	0.274	0.378	0.017	2.53	0.462	70.39	0.046	532.2	9.3
PI571819	Peru, Lambayeque	1.076	0.759	0.317	0.290	0.410	0.081	8.31	0.679	63.05	0.075	586.2	10.2

LANDRACES: ARCHITECTURAL & MORPHOLOGICAL TRAITS

Accession	Origin	RDW	SDW	RDW.SDW	StemDia	Sem#	Nod#	NodLen	SysDia	AvgDia	Tips	Forks
Ames 16950	Bolivia	0.6	8.7	0.07	14.7	2.0	18.0	73.3	39.3	0.8	68.7	169.0
Ames 1903	USA, Maryland	2.2	17.2	0.13	21.3	2.0	19.0	92.8	72.0	0.5	192.3	516.7
Ames 19097	USA, Iowa	5.4	29.1	0.19	23.7	4.0	21.7	78.0	67.0	0.4	307.7	862.7
Ames 19467	Mexico, Guerrero	3.6	23.2	0.16	25.5	3.0	30.0	94.3	79.5	0.5	176.5	557.5
Ames 19532	Mexico, Jalisco	2.8	20.3	0.14	26.0	5.0	20.0	84.0	57.0	0.4	192.0	420.0
Ames 19540	Mexico, Jalisco	1.3	10.8	0.12	17.7	4.0	24.0	70.8	60.7	0.6	177.3	398.0
Ames 19617	Mexico, Nayarit	1.5	15.5	0.1	20.0	1.0	NA	89.5	30.0	0.5	195.0	423.5
Ames 19688	Mexico, Puebla	1.2	3.3	0.36	22.0	6.0	16.0	65.0	54.0	0.4	158.0	378.0
Ames 19802	Mexico, Zacatecas	1.6	17.5	0.09	21.0	5.0	16.7	82.7	49.7	0.4	258.0	617.3
Ames 19879	Mexico, Puebla	1.6	19.0	0.08	22.0	2.0	24.0	69.5	80.0	0.4	136.0	223.0
Ames 19897	Mexico, Oaxaca	6.8	29.9	0.23	24.3	4.3	26.0	82.7	85.0	0.5	174.3	576.3
Ames 19907	Mexico, Oaxaca	0.8	10.9	0.07	19.0	5.0	18.0	76.0	64.0	0.5	280.0	997.0
Ames 19924	Mexico, Guerrero	2.0	17.8	0.11	21.0	3.0	21.5	100.3	66.5	0.5	142.0	379.0
Ames 19926	Mexico, Guerrero	3.7	25.6	0.14	24.7	5.7	18.3	77.3	79.7	0.5	235.7	585.3
Ames 19946	Mexico, Nayarit	5.2	28.7	0.18	25.7	3.3	19.7	100.5	71.0	0.4	199.0	619.0
Ames 19962	Mexico, Mexico	1.0	16.6	0.06	18.0	3.0	15.0	73.8	42.0	0.4	204.0	438.0
Ames 19970	Mexico, Oaxaca	6.1	36.6	0.17	25.0	3.3	22.3	89.5	59.3	0.4	263.7	756.7
Ames 19981	Mexico, Oaxaca	2.7	24.2	0.11	19.3	3.7	16.0	87.3	63.0	0.5	209.3	477.0
NSL 106891	USA, Florida	5.1	31.7	0.16	24.0	2.5	20.0	88.8	74.0	0.5	304.0	964.0
NSL 6544	Paraguay, mislones	2.0	17.5	0.11	19.0	2.0	20.5	102.3	81.0	0.4	175.5	541.5
NSL 6547	Argentina	0.7	6.6	0.11	18.5	6.0	14.5	63.0	44.5	0.5	153.5	360.5
NSL 6549	Brazil, Sao Paulo	3.0	15.5	0.19	23.0	3.5	17.5	81.8	47.5	0.5	323.0	1303.5
PI 213706	USA, Iowa	4.9	26.9	0.18	24.3	5.0	22.0	84.2	65.0	0.6	184.7	476.7
PI 217404	Argentina	0.5	7.6	0.07	14.0	2.0	14.0	74.5	44.0	NA	NA	NA
PI 218180	USA, Arizona	1.9	18.0	0.11	21.7	3.3	18.0	93.3	55.3	0.6	149.3	370.3
PI 218186	USA, Arizona	4.6	34.1	0.13	20.3	4.5	21.0	97.5	45.7	0.5	128.3	346.0
PI 221881	USA, Missouri	1.6	18.0	0.09	21.0	4.5	15.3	86.0	56.7	0.4	258.3	688.7
PI 221888	USA, Missouri	5.6	34.3	0.16	25.3	5.0	21.7	82.5	74.3	0.5	206.3	705.0
PI 222609	USA, Kansas	7.7	23.1	0.33	27.0	4.0	24.0	91.5	67.0	0.5	175.0	429.0
PI 234767	Spain, Canary Islands	5.1	27.7	0.18	25.0	5.5	24.5	90.3	57.5	0.8	96.5	198.5

Accession	Origin	RDW	SDW	RDW.SDW	StemDia	Sem#	Nod#	NodLen	SysDia	AvgDia	Tips	Forks
PI 235282	Bolivia, Santa Cruz	1.1	9.9	0.11	18.0	2.0	18.0	75.3	50.0	0.6	117.5	300.0
PI 240318	Bolivia	1.4	14.0	0.1	14.7	4.0	12.0	57.5	39.3	0.5	129.3	271.7
PI 275835	USA, Pennsylvania	5.4	24.8	0.22	22.0	3.3	19.7	76.8	84.3	0.7	128.0	284.7
PI 311229	USA, Arizona	1.7	15.6	0.11	19.3	NA	14.7	74.7	73.0	0.6	142.0	294.7
PI 360877	USA, North Carolina	11.7	43.1	0.27	25.0	3.7	24.3	92.3	66.7	0.5	222.0	782.0
PI 390842	Peru	2.1	19.2	0.11	24.0	4.0	NA	73.0	63.0	0.6	96.0	186.0
PI 401754	USA, New York	2.3	23.1	0.1	15.0	3.0	22.0	80.0	50.5	0.5	178.5	452.5
PI 401757	USA, Illinois	0.6	14.6	0.04	14.5	5.0	14.0	59.8	37.5	0.5	102.5	223.0
PI 438943	Mexico, Chiapas	3.9	22.6	0.17	24.7	4.7	26.0	96.7	69.3	0.6	93.7	187.3
PI 443781	Colombia, Antioquia	2.5	21.1	0.12	23.3	4.7	19.0	90.7	51.0	0.5	182.0	389.3
PI 443963	Colombia, Antioquia	1.5	18.4	0.08	23.3	4.0	22.3	94.5	61.7	0.6	115.7	247.0
PI 444005	Colombia, Atlantico	6.8	36.7	0.19	27.3	3.3	19.7	101.7	73.3	0.5	360.7	1288.0
PI 444095	Colombia, Boyaca	1.7	14.8	0.11	19.5	3.5	18.5	74.0	52.0	0.5	118.0	255.5
PI 444125	Colombia, Boyaca	2.4	21.8	0.11	22.0	3.0	19.5	84.5	70.5	0.4	262.0	703.0
PI 444165	Colombia, Boyaca	3.7	25.1	0.15	23.7	2.7	21.7	81.7	65.3	0.4	276.7	748.0
PI 444173	Colombia, Boyaca	1.4	15.4	0.09	20.0	4.7	18.3	93.0	54.0	0.7	148.3	400.7
PI 444266	Colombia Caldas	5.6	27.3	0.21	28.0	5.3	23.7	109.0	68.0	0.7	155.3	463.0
PI 444408	Colombia, Cauca	4.3	22.3	0.19	24.5	5.0	24.0	104.8	56.5	0.6	159.5	368.5
PI 444498	Colombia, Cundinamarca	4.8	26.7	0.18	27.3	4.7	22.7	89.8	74.0	0.7	254.7	857.3
PI 444499	Colombia, Cundinamarca	3.4	17.3	0.2	24.7	4.0	21.7	92.2	50.3	0.6	138.0	357.3
PI 444642	Colombia, Cundinamarca	9.7	34.2	0.28	37.0	2.0	28.0	94.0	55.0	0.6	111.0	300.0
PI 444897	Colombia, Magdalena	0.7	10.8	0.06	19.0	NA	NA	80.0	40.0	0.5	201.0	773.0
PI 444954	Colombia, Magdalena	4.8	23.8	0.2	21.7	5.3	20.0	98.3	83.0	0.5	121.0	261.0
PI 445067	Colombia, Narino	4.6	28.1	0.16	27.0	5.0	25.5	99.3	54.5	0.6	128.0	382.0
PI 445082	Colombia, Narino	8.7	23.5	0.37	23.3	4.3	26.7	93.7	70.0	0.5	293.3	910.0
PI 445251	Colombia, Narino	3.8	20.7	0.18	24.0	4.5	20.5	93.5	56.0	0.7	139.0	316.0
PI 445298	Colombia , Putumayo	3.7	21.0	0.18	25.5	3.5	25.5	83.8	69.0	0.6	123.0	306.5
PI 445355	Colombia, Norte de Santander	3.4	26.0	0.13	28.5	4.0	24.0	88.0	62.0	0.5	139.0	326.5
PI 467154	Chile, Valparaiso	1.2	17.6	0.07	20.0	1.3	14.0	78.8	56.3	0.5	121.7	302.7
PI 467167	Chile, Valparaiso	2.0	14.2	0.14	20.5	2.0	13.5	77.0	63.0	0.5	117.0	281.0
PI 467168	Chile, Valparaiso	6.6	23.9	0.28	23.0	4.0	21.0	83.3	64.3	0.5	147.0	338.0
PI 467171	Chile, Valparaiso	6.2	16.2	0.38	19.0	4.5	18.5	83.5	52.5	0.4	118.5	318.0

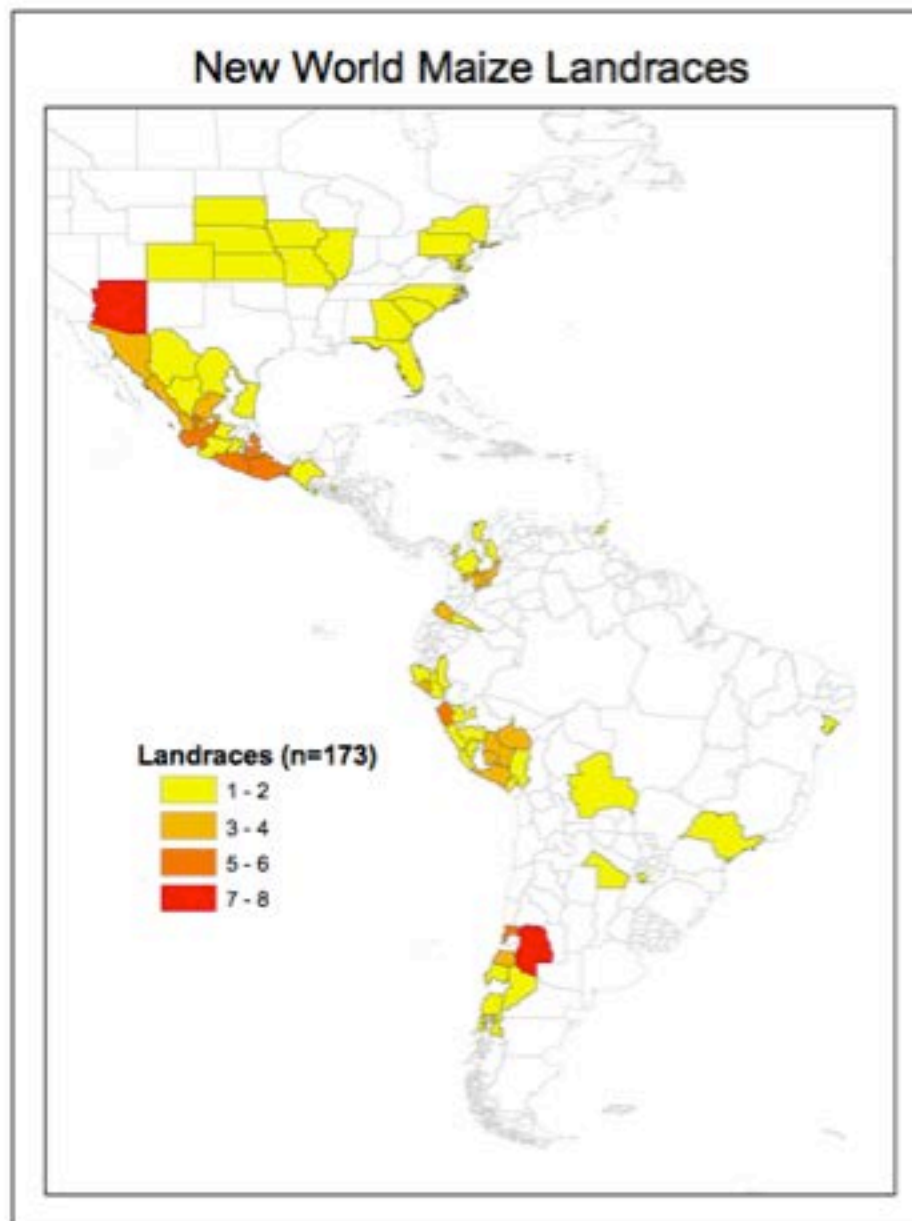
Accession	Origin	RDW	SDW	RDW.SDW	StemDia	Sem#	Nod#	NodLen	SysDia	AvgDia	Tips	Forks
PI 467177	Chile, Valparaiso	4.3	24.5	0.18	23.7	3.7	19.7	91.3	68.0	0.5	314.0	975.0
PI 467216	Chile, Maule	2.7	25.1	0.11	20.0	2.7	17.7	86.0	54.7	0.5	173.0	362.0
PI 467225	Chile, Maule	3.5	21.2	0.17	21.0	2.5	18.0	99.0	44.5	0.4	205.5	468.0
PI 467230	Chile, Maule	2.2	24.8	0.09	18.7	4.0	21.0	76.5	49.7	0.4	183.7	521.0
PI 467262	Chile, bio-bio	3.2	29.2	0.11	23.7	4.0	26.5	86.0	44.7	0.4	255.3	752.0
PI 467280	Chile, bio-bio	4.9	32.9	0.15	19.7	2.7	20.3	86.5	57.3	0.4	183.7	443.3
PI 471823	Costa Rica	3.7	24.7	0.15	19.0	4.7	21.3	86.5	60.0	0.5	175.0	471.0
PI 471857	Costa Rica	5.2	27.8	0.19	24.3	4.7	23.0	89.8	66.0	0.4	144.0	304.7
PI 471893	Bolivia	4.5	33.9	0.13	29.0	3.7	21.7	101.8	56.3	0.4	359.0	1104.7
PI 474205	Mexico, Sonora	15.8	44.1	0.36	22.7	2.3	31.0	99.2	105.3	0.4	263.3	783.7
PI 476869	USA, Arizona	1.4	14.3	0.1	20.0	NA	19.0	85.0	44.0	0.5	92.0	155.0
PI 479123	Paraguay	4.6	23.4	0.2	28.3	3.7	25.3	126.7	66.7	0.4	181.3	468.3
PI 483312	USA, South Carolina	2.0	17.8	0.11	22.7	3.0	24.0	83.3	54.0	0.4	188.5	320.0
PI 483878	Grenada	5.5	28.5	0.19	25.0	3.7	21.3	87.7	64.7	0.4	176.0	456.5
PI 483911	Jamaica	7.3	31.4	0.23	25.3	3.7	22.3	93.8	88.0	0.6	162.0	472.7
PI 484975	Guatemala, Suchitepequez	3.8	24.3	0.16	22.0	3.0	23.0	125.0	47.0	0.5	343.0	1090.0
PI 485104	Brazil, Sao Paulo	5.4	30.2	0.18	23.7	3.7	20.3	94.8	53.3	0.5	255.3	690.0
PI 48533	Chile, Santiago	4.3	28.5	0.15	24.5	5.5	18.0	101.3	84.0	0.4	194.5	336.5
PI 48543	Chile, Los Lagos	2.7	24.0	0.11	21.0	4.3	19.7	86.3	74.0	0.4	217.0	491.7
PI 485690	Chile, Los Lagos	2.2	25.0	0.09	18.3	1.5	19.7	78.5	61.3	0.4	187.3	548.0
PI 485711	Chile, Santiago	2.0	23.4	0.09	18.7	2.0	18.0	83.8	54.7	0.4	252.7	766.7
PI 485717	Bolivia, Santa Cruz	4.4	28.1	0.16	21.7	3.5	25.7	86.0	72.7	0.5	149.0	400.7
PI 486516	Ecuador	6.0	29.2	0.21	25.0	3.3	19.0	83.8	80.7	0.5	155.0	315.0
PI 487903	Peru, Lima	1.9	17.0	0.11	19.0	3.0	17.7	104.0	59.0	0.5	154.3	354.0
PI 488408	Peru, Madre de Dios	6.6	35.1	0.19	25.3	4.0	23.3	104.8	59.0	0.6	120.7	294.0
PI 488492	Dominican Republic	2.4	19.1	0.13	26.7	2.7	23.5	93.7	56.3	0.5	159.0	417.3
PI 489682	Guatemala, Chiquimula	2.3	19.2	0.12	23.0	2.0	16.0	86.0	38.0	0.5	196.0	474.0
PI 490825	Argentina, Chaco	6.8	32.3	0.21	27.7	3.3	20.7	107.3	63.7	0.4	256.0	794.5
PI 492020	Barbados	4.8	32.7	0.15	23.0	4.0	22.0	87.3	67.5	0.5	279.5	778.5
PI 498451	Cuba	2.7	23.6	0.11	25.0	4.0	20.0	77.3	57.0	0.4	315.5	799.0
PI 498570	Guadeloupe	4.8	32.5	0.15	26.3	3.7	22.7	94.7	63.3	0.4	196.3	446.7
PI 498609	Haiti	6.8	37.3	0.18	25.3	4.3	21.3	84.3	77.3	0.4	295.3	865.7

Accession	Origin	RDW	SDW	RDW.SDW	StemDia	Sem#	Nod#	NodLen	SysDia	AvgDia	Tips	Forks
PI 498684	Puerto Rico	1.6	14.3	0.11	20.0	5.0	20.0	75.0	47.0	0.4	139.0	421.0
PI 498686	U.S. Virgin Islands, St. Croix	4.1	29.0	0.14	25.7	5.0	26.5	94.2	70.7	0.7	126.3	337.3
PI 498703	Trinidad and Tobago, Trinidad	5.5	26.3	0.21	23.3	4.3	23.0	101.5	64.3	0.5	251.3	713.3
PI 503560	Mexico	2.2	20.4	0.11	18.0	5.7	17.0	94.0	55.7	0.5	162.7	394.3
PI 503563	USA, Arizona	2.9	23.7	0.12	23.0	1.5	19.0	94.2	58.0	0.5	264.7	761.3
PI 503566	USA, Arizona	2.0	17.6	0.11	20.7	3.0	18.0	94.2	46.0	0.5	150.3	316.7
PI 503574	Mexico, Sinaloa	3.4	23.8	0.14	23.7	2.7	21.0	95.8	56.0	0.5	179.3	392.3
PI 503720	Peru, Lambayeque	2.8	24.7	0.11	23.5	3.0	17.0	77.0	42.0	0.6	114.7	221.0
PI 504118	Guatemala	2.4	19.5	0.12	18.3	3.7	20.0	100.3	60.3	0.5	108.7	266.7
PI 508270	USA, Arizona	8.2	29.2	0.28	24.7	3.0	23.7	89.7	81.3	0.6	170.7	413.0
PI 515087	Peru, San Martin	3.5	20.3	0.17	24.7	4.0	23.3	105.3	63.0	0.5	151.0	466.0
PI 515463	Mexico, Sonora	4.3	25.8	0.17	23.7	4.0	21.0	94.0	78.0	0.4	171.0	442.0
PI 516002	Argentina, Mendoza	3.8	21.3	0.18	26.0	3.5	24.0	96.0	80.0	0.4	218.5	605.0
PI 516008	Argentina, Mendoza	6.3	24.1	0.26	24.0	4.5	22.0	92.0	75.5	0.6	109.5	240.0
PI 516018	Argentina, Mendoza	3.5	29.9	0.12	23.5	3.0	24.0	90.0	69.0	0.5	117.0	266.0
PI 516025	Argentina, Mendoza	1.0	14.1	0.07	16.3	4.0	18.0	53.5	34.5	0.5	152.0	436.5
PI 516049	Argentina, Mendoza	8.8	28.0	0.31	25.3	3.3	17.3	86.7	52.7	0.4	180.3	452.7
PI 516052	Argentina, Mendoza	4.9	29.6	0.17	19.7	5.3	26.3	93.8	63.0	0.5	195.3	464.7
PI 516060	Argentina, Mendoza	4.5	28.1	0.16	24.5	3.0	22.5	99.0	65.5	0.4	176.0	482.5
PI 516061	Argentina, Mendoza	2.7	12.6	0.21	20.0	5.0	15.0	82.3	55.5	0.4	136.5	317.5
PI 516074	Argentina, Nuequen	1.0	12.6	0.08	24.0	NA	18.0	65.0	43.0	0.5	77.0	121.0
PI 540761	USA, Georgia	7.2	37.4	0.19	26.7	2.7	32.7	91.2	82.0	0.5	196.7	565.7
PI 571394	Peru, Ancash	1.0	14.2	0.07	17.0	5.0	18.0	81.5	43.0	0.5	147.0	324.0
PI 571401	Peru, Ancash	1.3	13.8	0.09	22.0	3.0	20.0	88.5	50.0	0.4	124.0	202.0
PI 571402	Peru, Ancash	0.8	12.6	0.06	20.0	7.0	10.5	79.8	40.5	0.4	113.0	224.0
PI 571423	Peru, Apurimac	1.1	13.4	0.08	15.0	NA	13.0	79.0	70.0	0.6	204.0	345.0
PI 571427	Peru, Arequipa	2.4	21.3	0.11	18.5	2.0	16.5	75.0	44.0	0.5	119.5	269.0
PI 571437	Peru, Cajamarca	2.7	13.7	0.2	22.0	3.3	23.3	84.3	76.0	0.6	120.7	275.3
PI 571439	Peru, Lambayeque	3.0	16.0	0.19	20.3	4.0	21.7	87.5	55.7	0.6	137.0	324.5
PI 571447	Peru, Piura	3.0	22.6	0.13	26.3	4.3	22.7	90.3	60.0	0.4	149.3	295.3
PI 571465	Peru, Tacna	0.5	9.2	0.05	23.5	2.0	9.0	43.2	26.0	0.7	93.3	231.0
PI 571479	Peru, Ancash	3.3	26.7	0.12	25.0	3.5	26.0	89.0	47.0	0.5	91.0	126.0

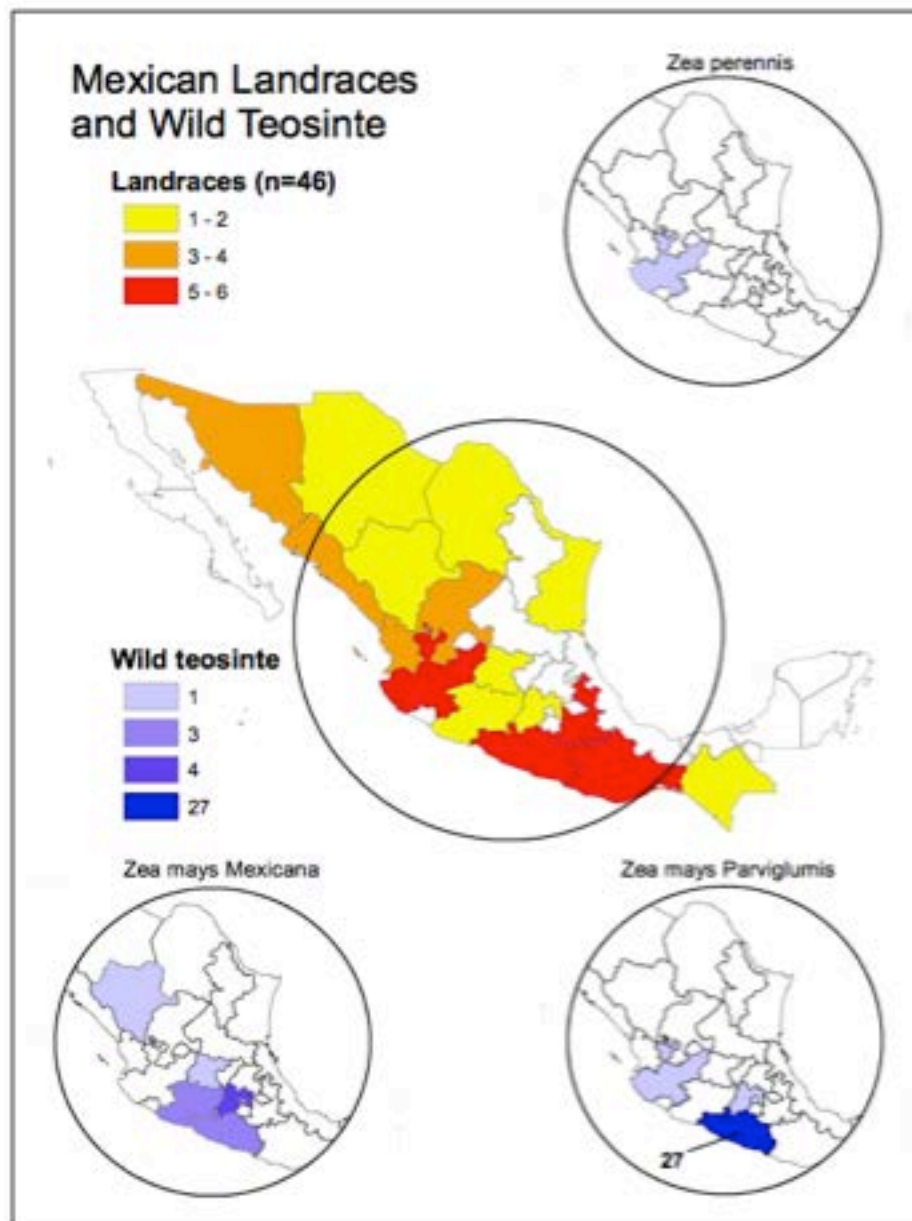
Accession	Origin	RDW	SDW	RDW.SDW	StemDia	Sem#	Nod#	NodLen	SysDia	AvgDia	Tips	Forks
PI 571522	Peru, Ica	2.3	20.2	0.11	21.3	3.0	19.0	78.7	42.3	0.5	225.7	492.3
PI 571523	Peru, Ica	3.1	17.4	0.18	17.3	6.0	18.3	81.7	52.7	0.6	132.3	338.3
PI 571543	Peru, Lima	3.1	21.5	0.14	20.0	3.5	19.5	71.3	44.0	0.5	139.0	430.0
PI 571550	Peru, Moquegua	3.1	19.6	0.16	17.5	4.5	20.5	78.3	37.0	0.5	129.5	320.5
PI 571573	Peru, Amazonas	0.4	7.4	0.05	14.0	NA	11.0	42.5	20.0	0.6	120.0	358.0
PI 571581	Peru, Apurimac	2.4	19.9	0.12	23.0	3.7	20.7	85.7	56.7	0.6	148.3	448.0
PI 571582	Peru, Apurimac	1.2	14.1	0.09	19.3	2.0	14.0	66.8	41.7	0.5	169.0	429.3
PI 571584	Peru, Apurimac	2.9	14.1	0.21	22.0	5.0	19.0	89.2	63.3	0.5	165.7	333.0
PI 571629	Peru, Cuzco	7.3	22.3	0.33	27.3	5.7	24.0	94.0	72.3	0.5	231.7	761.7
PI 571676	Peru, Madre de Dios	1.7	13.6	0.13	22.5	3.0	14.5	74.3	52.5	0.6	165.0	374.0
PI 571749	Peru, Cuzco	0.6	8.9	0.07	19.3	4.7	11.0	90.0	58.0	0.5	146.7	322.3
PI 571770	Peru, Huancavelica	1.2	15.9	0.08	20.0	4.0	19.7	78.0	71.0	0.5	160.3	439.3
PI 571822	Peru, Lambayeque	5.2	26.2	0.2	24.5	7.5	22.0	97.3	56.5	0.6	159.0	370.5
PI 571853	Peru, Piura	4.7	29.5	0.16	24.3	3.0	21.0	95.0	53.7	0.7	118.3	318.7
PI 571891	Peru, Arequipa	0.4	12.6	0.03	16.0	4.0	13.0	48.8	29.0	0.7	100.0	227.5
PI 571913	Peru, Huanuco	5.4	33.0	0.16	26.5	3.3	24.3	101.7	73.7	0.4	282.3	771.7
PI 571954	Peru, Ancash	2.3	20.3	0.11	26.0	4.0	16.0	95.5	52.0	0.4	250.0	639.0
PI 571975	Peru, Cajamarca	0.8	20.4	0.04	22.5	9.0	29.0	75.0	81.0	0.6	169.0	462.5
PI 571986	Peru, Huanuco	6.3	30.0	0.21	27.0	5.0	21.0	107.0	61.3	0.5	144.0	264.0
PI 571994	Peru, Madre de Dios	10.4	40.2	0.26	29.7	4.7	28.0	98.2	81.7	0.5	154.7	357.7
PI 572037	Peru, Arequipa	0.6	12.8	0.05	17.5	2.5	17.0	81.8	37.0	0.7	88.0	202.5
PI 572038	Peru, Arequipa	1.3	18.9	0.07	18.7	5.0	18.3	77.2	56.7	0.5	119.3	309.7
PI 572049	Peru, Cuzco	0.4	9.1	0.04	14.5	2.0	15.0	47.3	35.5	0.7	206.0	450.0
PI 572073	Peru, Puno	0.4	10.2	0.04	13.0	3.0	12.0	52.8	33.0	0.7	107.0	292.0
PI 572146	Peru, Junin	1.9	20.4	0.09	29.0	8.0	21.5	92.5	66.5	0.4	188.0	584.5
PI 583344	Reunion	3.9	25.3	0.15	26.3	4.3	21.7	98.8	71.0	0.4	263.0	739.7
PI 583749	Colombia	8.3	43.0	0.19	23.0	4.5	25.5	94.0	57.5	0.6	185.0	415.0
PI 583750	Colombia	5.1	35.3	0.14	31.0	4.5	25.0	95.0	69.5	0.6	232.5	783.0
PI 583751	Colombia	4.1	21.4	0.19	19.7	2.5	22.7	80.0	66.3	0.5	190.7	474.7
PI 583752	Colombia	8.3	32.7	0.25	27.3	4.0	25.0	106.2	73.7	0.6	220.3	632.7
PI 583894	Mexico, Sonora	7.2	27.1	0.27	26.0	3.0	22.3	95.0	73.3	0.5	216.7	550.7
PI 583917	Brazil, Sergipe	7.0	24.2	0.29	27.0	4.5	20.0	101.3	68.0	0.4	198.0	504.5

Accession	Origin	RDW	SDW	RDW.SDW	StemDia	Sem#	Nod#	NodLen	SysDia	AvgDia	Tips	Forks
PI 583923	Uruguay, San Jose	5.3	27.4	0.19	25.7	5.0	21.3	95.2	60.3	0.4	152.0	322.0
PI 583926	Uruguay, San Jose	1.9	18.1	0.1	24.5	3.0	17.5	74.0	56.0	0.5	188.0	405.0
PI 583927	Uruguay, San Jose	5.5	29.9	0.18	24.5	3.0	26.0	94.8	68.5	0.5	147.5	287.5
PI 583928	Uruguay, San Jose	3.8	26.6	0.14	24.3	5.3	21.7	98.7	64.0	0.5	155.3	325.0
PI 583932	Uruguay, San Jose	5.0	30.4	0.16	25.3	5.0	23.3	88.8	76.7	0.4	196.3	557.7
PI 584439	Colombia, Caldas	5.8	30.3	0.19	23.0	3.5	22.5	86.5	53.0	0.4	123.5	221.5
PI 584440	Colombia, Caldas	5.1	36.8	0.14	23.3	3.5	20.7	90.8	65.0	0.5	396.0	1261.3
PI 586644	Mexico, Tamaulipas	3.2	22.4	0.14	22.5	4.0	18.5	99.5	45.5	0.5	189.5	561.5
PI 586765	Virgin Islands (British)	4.1	24.2	0.17	21.0	3.0	22.5	79.0	72.0	0.4	117.0	152.0
PI 586784	Trinidad and Tobago, Tobago	3.6	24.4	0.15	23.0	5.7	18.3	82.5	55.0	0.5	164.0	462.3
PI 596543	USA, Nebraska	7.4	33.2	0.22	22.5	3.7	27.0	89.0	80.0	0.5	208.0	637.0
PI 608619	USA, Colorado	3.3	21.7	0.15	20.7	2.7	18.7	76.7	59.0	0.4	227.7	630.3
PI 620780	Mexico, Chihuahua	1.4	15.7	0.09	19.0	6.0	15.5	68.8	58.0	0.5	143.5	344.5
PI 620796	Mexico, Guanajuato	2.6	17.3	0.15	20.7	2.3	19.0	83.3	57.7	0.5	210.7	499.0
PI 620801	Mexico, Guerrero	4.9	27.3	0.18	25.0	5.0	29.3	83.2	72.7	0.5	157.5	373.5
PI 620804	Mexico, Guerrero	7.4	30.5	0.24	26.3	4.0	25.0	92.8	68.7	0.4	249.0	581.3
PI 620829	Mexico, Mexico	2.0	14.5	0.14	23.0	6.0	10.0	104.0	75.0	0.4	161.0	538.0
PI 620839	Mexico, Nayarit	2.7	15.5	0.17	25.5	2.5	21.5	86.3	63.5	0.4	124.5	441.5
PI 620843	Mexico, Oaxaca	3.1	20.2	0.15	25.7	6.0	22.0	94.8	69.3	0.5	200.0	563.7
PI 620849	Mexico, Puebla	5.3	20.2	0.26	26.5	4.0	21.0	99.0	83.0	0.6	175.0	367.5
PI 620857	Mexico, Sinaloa	9.3	43.1	0.22	21.5	4.5	25.0	99.0	113.0	0.5	300.5	895.5
PI 620858	Mexico, Sinaloa	14.6	45.9	0.32	26.3	4.0	25.3	104.2	83.0	0.5	212.0	529.3
PI 628446	Mexico, Jalisco	3.1	28.6	0.11	25.0	5.3	25.7	99.2	67.0	0.6	166.0	399.7
PI 628460	Mexico, Nayarit	4.9	29.1	0.17	24.7	3.3	23.0	85.5	65.0	0.7	239.0	630.0
PI 628480	Mexico, Puebla	3.6	16.8	0.21	19.5	5.0	19.0	96.0	77.5	0.5	204.7	504.7
PI 629130	Mexico, Chiapas	3.7	25.4	0.15	23.3	6.5	18.3	83.3	42.7	0.5	184.3	561.7
PI 629147	Mexico, Coahuila	2.9	20.4	0.14	20.7	3.7	20.3	97.7	50.3	0.5	153.0	365.0
PI 629157	Mexico, Durango	4.0	23.3	0.17	25.0	3.0	23.7	102.7	68.0	0.5	203.7	632.0
PI 629191	Mexico, Jalisco	5.8	28.2	0.21	24.0	3.0	25.5	97.8	87.5	0.5	223.0	531.5
PI 629202	Mexico, Jalisco	4.4	28.7	0.15	25.0	3.0	28.0	93.0	90.0	0.4	296.0	703.0
PI 629245	Mexico, Puebla	2.5	22.6	0.11	20.5	7.5	24.0	89.0	70.0	0.4	224.5	726.0
PI 629246	Mexico, Puebla	2.4	17.8	0.13	20.7	5.7	15.0	99.2	65.0	0.7	157.7	362.3

Accession	Origin	RDW	SDW	RDW.SDW	StemDia	Sem#	Nod#	NodLen	SysDia	AvgDia	Tips	Forks
PI 629255	Mexico, Sinaloa	4.1	27.8	0.15	20.3	4.0	21.3	92.3	68.0	0.4	212.3	563.7
PI 629262	Mexico, Zacatecas	3.6	27.3	0.13	22.3	5.3	24.0	91.3	71.7	0.4	235.3	654.0
PI 629263	Mexico, Zacatecas	0.7	13.6	0.05	15.5	4.5	8.5	77.8	34.0	0.6	176.5	394.0
PI401755	USA, South Dakota	1.5	17.8	0.08	18.3	2.3	16.7	68.5	44.0	0.5	133.3	323.0
PI571819	Peru, Lambayeque	5.2	28.2	0.18	23.7	3.7	20.0	100.5	55.7	0.6	121.3	258.3



Online Resource 1: Choropleth map showing seed provenance of 173 of the maize landraces (*Zea mays* subsp. *mays*) used in this study. Color intensity represents the number of different landraces found in each area. Additional landraces of unknown or imprecise origin are not included in this map. Map created by Gregory Luna.



Online Resource 2: Choropleth map of the states of Mexico showing seed provenance of 46 of the maize landraces (*Zea mays* subsp. *mays*) and 35 of the teosintes (*Zea* spp.) used in this study. Color intensity represents the number of different landraces or teosintes found in each area. Additional teosintes of unknown or imprecise origin are not included in this map. Map created by Gregory Luna.