Supplementary

Table S1. List of materials evaluated during the two experimental years. NA: not available.

Plant ID	Plant Name	Origin	Continent
Ames 32316	GE.2013-28	Georgia	East Europe
PI 649372	Index Seminum 295	France, Bas-Rhin	West Europe
Ames 11641	I.Pm. 630	India	South Asia
Ames 11674	I.Pm. 669	India	South Asia
Ames 11678	I.Pm. 673	India	South Asia
PI 170586	KUMDARI BEYAZ	Turkey, Aydin	West Asia
PI 171727	DARI	Turkey, Bolu	West Asia
PI 173749	KIRMIZIDARI	Turkey	West Asia
PI 202294	IPM 1036	Argentina	South America
PI 202295	IPM 686	Argentina	South America
PI 204598	IPM 1038	Turkey	West Asia
PI 207663	MOROCCO	Japan	Southeast Asia
PI 220393	ARZEN	Afghanistan	West Asia
PI 220536	ARZAN	Afghanistan	West Asia
PI 220812	GAL	Afghanistan	West Asia
PI 223791	TAREQ; ARZAN	Afghanistan	West Asia
PI 227245	ARZAN	Iran	West Asia
PI 232929	LOVASZPATONAI PIROS	Hungary	Central Europe
PI 251388	IPM 1091-3	Iran	West Asia
PI 251389	IPM 1092	Iran	West Asia
PI 251403	ARZAN	Iran	West Asia
PI 251406	ARZAN	Iran	West Asia
PI 253789	IPM 1102	Iraq	West Asia
PI 253790	IPM 1103	Iraq	West Asia
PI 269954	NA	Pakistan	South Asia
PI 290726	IPM 1128	United Kingdom, England	West Europe
PI 291363	USSR	China	Southeast Asia
PI 291364	USSR	China	Southeast Asia
PI 296376	CROWN	Canada	North America
PI 346933	NA	Soviet Union, Former	East Europe
PI 346934	PODOLIAN 24/273	Ukraine	East Europe
PI 346937	TLICEVSKOJE	Soviet Union, Former	East Europe
PI 346939	URAL	Kazakhstan	Central Asia
PI 346941	KHARKOV 25	Ukraine	East Europe
PI 346943	NA	Ukraine	East Europe
PI 365840	NA	Australia, Austr. Capital Terr.	Oceania
PI 365842	NA	Australia, Austr. Capital Terr.	Oceania
PI 367683	WHITE FRENCH STRN. 8567-7	Australia, Austr. Capital Terr.	Oceania
PI 367684	WHITE FRENCH COMMERCIAL	Australia, Austr. Capital Terr.	Oceania
PI 427247	NA	Nepal	South Asia
PI 427248	NA	Nepal	South Asia
PI 427250	NA	Nepal	South Asia
PI 433381	Vishenutu	Taiwan	Southeast Asia
PI 436622	Lung Shu no. 5	China	Southeast Asia
PI 436624	Lung Shu no. 14	China	Southeast Asia
PI 436625	Lung Shu no. 16	China	Southeast Asia
PI 442533	NA	Belgium	West Europe
PI 476399	Raoluoga	Soviet Union, Former	East Europe
PI 516181	MINERVA	Romania	East Europe
PI 517016	GR 656	Morocco	North Africa
PI 517017	GR 658	Morocco, Ouarzazate	North Africa
PI 517018	GR 664	Morocco	North Africa
PI 517019	GR 665	Morocco, Ouarzazate	North Africa
PI 531399	BOLGAR 161	Bulgaria	East Europe
PI 531401	CSASZARRETI 6	Hungary	Central Europe
PI 531402	DOMACE BIELE	Czechoslovakia	Central Europe
PI 531403	DUNAKILITI "A"	Hungary	Central Europe
PI 531406	HANACKE MANA	Czechoslovakia	Central Europe
PI 531407	HARKOVSKOE 2	Germany	West Europe
PI 531413	VESZELOPODOLJANSZKOE 403	Germany	West Europe
PI 531416	MALCALTOR "A"	Hungary	Central Europe
PI 531419	PROSOS	Kenya	Eastern Africa
PI 531421	SARATOVSKOE 953	Soviet Union, Former	East Europe
PI 531422	SARATOVSKOE 953	Soviet Union, Former	East Europe

PI 531423	STRELECKIE BRUNATE	Poland	Central Europe
PI 531427	TOJDENSKOE 215	Soviet Union, Former	East Europe
PI 531430	VESZELOPODOLJANSZKOE 403	Soviet Union, Former	East Europe
PI 536011	SUNUP	United States, Nebraska	Central America
PI 578073	EARLYBIRD	United States, Nebraska	Central America
PI 578074	HUNTSMAN	United States, Nebraska	Central America
PI 583347	SUNRISE	United States, Nebraska	Central America
PI 583348	NE1	United States, Nebraska	Central America
PI 633425	Horizon	United States, Nebraska	Central America
PI 649371	Index Seminum #568	Germany, Saxony	West Europe
PI 649376	Cheongsong 4	Korea, South	East Asia
PI 649377	Cheongwon 5	Korea, South	East Asia
PI 649379	Eumseong 5	Korea, South	East Asia
PI 649383	Panhandle	United States, Nebraska	Central America
PI 649384	Minco	United States, Minnesota	Central America
PI 662288	Ames 5819	China	Southeast Asia