WAGENINGEN POTATO COLLECTION (WAC)

JANUARY, 1971

INVENTORY OF SEED STOCKS

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Department of Plant Breeding
University of Agriculture
Wageningen
the Netherlands

Foundation for Agricultural
Plant Breeding
Wageningen
the Netherlands

THE WAGENINGEN POTATO COLLECTION (WAC)

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The 'Wageningse Aardappel Collectie' (Aardappel = potato) was founded in 1955 by the late Dr. H.J. Toxopeus. The first expedition, sponsored by the Netherlands Government, was made early in 1955 to Peru (Toxopeus and Ochoa) and Bolivia (Ochoa) and yielded 560 clones of Group Andigena, 113 clones of Group Stenotomum, 21 clones of *Solanum juzepczukii* and 17 clones of *Solanum curtilobum*. In addition 151 Andigena clones were collected for the WAC by Brücher. A second expedition, sponsored by the Foundation for Agricultural Plant Breeding, was made in 1958 by Brücher to Northern Argentina and Bolivia and resulted in 405 new Andigena clones.

The principal aim of these expeditions was to collect cultivated South American potato clones with resistance to *Heterodera rostochiensis* (golden nematode).

The expedition made by Hawkes to Central America in 1958 received financial support also from the Foundation for Agricultural Plant Breeding, Wageningen. The material consisted of 135 entries of 23 wild Mexican species, which were used primarily in the search for resistance to *Phytophthora infestans* (Toxopeus, 1964).

Apart from incidental new acquisitions from connexions in South American countries, the bulk of the wild material was obtained on request from existing collections which are mentioned in the explanation to the list of introductions.

Maintenance and availability of the introductions

After some years of vegetative propagation of the collection it became apparent that the clones could not be kept free from virus diseases. Thus considerable part of the material was lost. A programme of systematic selfing of Andigena was initiated. Now both wild and cultivated species are multiplied generatively by intercrossing 10-20 seedlings per introduction depending on flowering behaviour. Several Andigena numbers flower poorly and multiplications must be repeated in order to get representative seed samples. Only those introductions which are available as seed are included in this inventory.

Nomenclature

The nomenclature as proposed by Hawkes (1963) is followed for wild species, whereas for the cultivated potatoes Dodds' proposal (1962) is accepted.

Explanation to the list of introductions

In Table 1 the 430 introductions of *S. tuberosum* Groups Andigena, Phureja and Stenotomum are listed, whereas Table 2 comprises 313 introductions of 47 wild *Solanum* species. The species are arranged in alphabetical order and the introductions of each species in order of WAC-numbers (column 1). The country of origin is mentioned in column 2. Column 3 gives the collection or donor numbers. The following prefixes have been used before the stock numbers provided by collectors or donors.

Bru - H. Brücher, Pestalozzistrasse 15, 6122 Erbach, Odenwald, Bundesrepublik Deutschland.

CCC - Colección Central Colombiana, Centro Nacional de Investigaciónes Agrícolas Tibaitatá, Bogotá, Colombia.

CPC - Commonwealth Potato Collection, Scottish Plant Breeding Station, Pentlandfield, Roslin, Midlothian, Scotland.

Gee - E.J. Geertsema, Officina de Aviavea, Tuquerres (Nño), Colombia.

Haw - J.G. Hawkes, University of Birmingham, Edgbaston, Birmingham, England.

Och - C.M. Ochoa, Universidad Nacional Agraria, Lima, Peru.

PI - Plant Introduction number of the United States Department of Agriculture.

Stij - M. van Stijgeren, the Netherlands Embassy, Mexico City, Mexico.

Tox - H.J. Toxopeus, Plant Breeding Institute, Wageningen, the Netherlands.

WRF - Wisconsin Research Foundation, University of Wisconsin, Madison, Wisconsin, U.S.A.

The data on resistance and some other characters.

Data on resistance are given for *Fusarium coeruleum* (dry rot), *Phytophthora infestans* (late blight), *Heterodera rostochiensis* (golden nematode) and *Streptomyces scabies* (common scab). They were obtained from

research workers at Wageningen (Huijsman, Mooi, Toxopeus, Wiersema). The methods used for testing late blight, golden nematode and common scab resistance have been described by Toxopeus (1954), Huijsman (1957) and Wiersema (1970) respectively. Dry rot resistance was tested some months after harvesting: four tubers per clone were cut into halves and sprayed with a suspension of spores which were isolated from the varieties Bintje and Eigenheimer. After inoculation the tuber halves were kept at 15°C and assessed 2-3 weeks later. A scale of 1-5 was used, 2 and higher being considered susceptible. The test was carried out twice and when necessary three times.

The results of the tests are given in the last few columns of the tables, together with the vitamin C content in a number of Andigena clones. For additional data on introductions, obtained from the collections at Sturgeon Bay, U.S.A. (PI and WRF numbers) and at Pentlandfield, Scotland (CPC numbers) the reader is referred to the Inventory of tuber-bearing *Solanum* species by Ross and Rowe (1969) and to the CPC Inventory of seed stocks, edited by the Scottish Plant Breeding Station (1969).

References

Dodds, K.S., 1962. Classification of cultivated potatoes. In: Correll, D.S. The potato and its wild relatives. Texas Res. Found.: 517-539.

Hawkes, J.G., 1963. A revision of the tuber-bearing *Solanums*. Records Scott. Pl. Breed. Stat.: 76-181.

Huijsman, C.A., 1957. Breeding for resistance to the potato root eelworm *Heterodera rostochiensis* W. Med. Sticht. Pl.vered. S.V.P. 14: 85 pp.

Inventory of seed stocks of the Commonwealth Potato Collection, 1969. Ed. by Scottish Plant Breeding Station: 103 pp.

Ross, R.W. and P.R. Rowe, 1969. Inventory of tuber-bearing *Solanum* species. Bull. Wisconsin agric. Exp. Sta. 533 (revised): 68 pp.

Toxopeus, H.J., 1954. Leaf testing as a method of genetical analysis of immunity from *Phytophthora infestans* in potatoes. Euphytica 3: 233-240.

Toxopeus, H.J., 1964. Treasure-digging for blight resistance in potatoes. Euphytica 13: 206-222.

Wiersema, H.T., 1970. A reliable method for testing scab resistance in the greenhouse. Proc. 4th triennial Conf. E.A.P.R. (Brest): 210-211.

Table 1. Inventory of cultivated South American *Solanum* species in the Wageningen Potato Collection (WAC). R=resistant, S=susceptible.

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
Solanum tuberosum, Group Andigena			2n=48				
7	Peru	Tox	54	S	S	S	S
8	Peru	Tox	53	S	S	S	-
10	Peru	Tox	65	S	S	S	S
27	Argentina	Bru 88a	-	S	S	S	S
32	Argentina	Bru 91	-	S	-	S	S
35	Argentina	Bru 97	64	S	S	S	S
37	Argentina	Bru 101	-	S	S	S	S
59	Argentina	Bru 157	-	S	-	S	-
63	Argentina	Bru 162 b	-	S	S	S	-
64	Argentina	Bru 163	65	S	S	S	-
70	Argentina	Bru 169	59	S	S	S	-
100	Argentina	Bru 200	-	S	S	S	S
101	Argentina	Bru 201	-	S	S	S	S
102	Argentina	Bru 202	99	S	S	S	S
117	Argentina	Bru 220 b	-	S	S	S	S
124	Bolivia	Bru 229	63	R	-	S	S
129	Bolivia	Bru 234	-	S	S	S	S
142	Bolivia	Bru 244	-	-	S	S	-
146		Bru 400	-	S	S	S	S
147		Bru 402	-	S	-	S	S
148		Bru 403	-	R	S	S	S
156		Bru 414	-	-	S	S	-
160		Bru 418	-	S	S	S	S
167	Peru	Tox	-	S	S	S	S
169	Peru	Tox	-	S	S	S	S
170	Peru	Tox	95	R	S	S	S
172	Peru	Tox	-	S	-	S	S
173	Peru	Tox	-	S	-	S	S
180	Peru	Tox	-	S	-	S	S
183	Peru	Tox	-	S	S	S	S
184	Peru	Tox	-	S	S	S	S
188	Peru	Tox	-	S	S	S	S
192	Peru	Tox	-	S	S	S	S
193	Peru	Tox	59	S	S	S	S

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Andigena continued							
194	Peru	Tox	-	S	S	S	S
198	Peru	Tox	-	R	S	S	S
206	Peru	Tox	59	S	S	S	S
208	Peru	Tox	-	S	S	S	S
210	Peru	Tox	45	R	S	S	-
211	Peru	Tox	-	S	S	S	-
212	Peru	Tox	82	S	S	S	S
215	Peru	Tox	65	-	S	S	S
216	Peru	Tox	61	-	S	S	S
217	Peru	Tox	55	R	-	S	S
228	Peru	Tox	-	R	S	S	S
237	Peru	Tox	-	S	S	S	-
240	Peru	Tox	62	R	-	S	S
242	Peru	Tox	87	S	S	S	S
245	Peru	Tox	83	S	S	S	S
247	Peru	Tox	87	S	S	S	S
248	Peru	Tox	74	S	S	S	-
256	Peru	Tox	-	S	S	S	S
258	Peru	Tox	-	R	S	S	S
259	Peru	Tox	-	S	S	S	S
262	Peru	Tox	59	S	S	S	S
263	Peru	Tox	75	R	S	S	S
268	Peru	Tox	52	S	S	S	S
272	Peru	Tox	52	S	S	S	S
273	Peru	Tox	102	S	S	S	S
274	Peru	Tox	64	S	-	S	S
280	Peru	Tox	-	S	S	S	S
281	Peru	Tox	-	S	S	S	S
282	Peru	Tox	-	R	S	S	-
286	Peru	Tox	97	S	-	S	S
292	Peru	Tox	-	S	S	S	S
294	Peru	Tox	-	S	S	S	S
298	Peru	Tox	32	S	S	S	S
304	Peru	Tox	67	S	-	S	S
310	Peru	Tox	100	S	S	S	S
312	Peru	Tox	58	S	S	S	S
313	Peru	Tox	-	S	S	S	S

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Andigena continued							
322	Peru	Tox	-	S	S	S	S
323	Peru	Tox	84	S	S	S	S
325	Peru	Tox	-	S	S	S	S
326B	Peru	Tox	-	R	-	S	S
333	Peru	Tox	-	S	S	S	S
336	Peru	Tox	99	R	-	S	-
338	Peru	Tox	50	R	S	S	S
344	Peru	Tox	128	R	-	S	S
345	Peru	Tox	57	S	-	S	-
349	Peru	Tox	-	S	-	S	-
354	Peru	Tox	-	S	S	S	S
355	Peru	Tox	105	S	S	S	S
356	Peru	Tox	101	S	S	S	S
359	Peru	Tox	61	S	-	S	S
361	Peru	Tox	85	S	S	S	S
363	Peru	Tox	108	S	-	S	S
364	Peru	Tox	108	S	-	S	S
366	Peru	Tox	52	S	S	S	S
370	Peru	Tox	35	R	-	S	S
371	Peru	Tox	52	S	S	S	S
373	Peru	Tox	-	S	S	S	-
376	Peru	Tox	-	S	S	S	S
377	Peru	Tox	-	R	S	S	-
379	Peru	Tox	-	-	S	S	S
385	Peru	Tox	-	R	S	S	S
390	Peru	Tox	-	S	-	S	S
396	Peru	Tox	-	R	S	S	S
399	Peru	Tox	89	S	S	S	S
401	Peru	Tox	-	S	S	S	S
402	Peru	Tox	-	S	S	S	S
406	Peru	Tox	73	S	-	S	S
409	Peru	Tox	-	S	S	S	S
411	Peru	Tox	75	R	-	S	-
419	Peru	Tox	70	S	S	S	S
421	Peru	Tox	-	-	-	S	-
426	Peru	Tox	60	S	S	S	S
430	Peru	Tox	86	S	S	S	S

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Andigena continued							
431	Peru	Tox	-	S	S	S	S
436	Peru	Tox	57	S	S	S	S
438	Peru	Tox	107	S	S	S	S
443	Peru	Och 2	-	S	S	S	-
448	Peru	Och 34	-	R	-	S	S
452	Peru	Och 803	-	R	-	S	-
454	Peru	Och 810a	-	S	-	S	-
456	Peru	Och 816	-	-	-	S	S
464	Peru	Och 836	-	S	S	S	-
474	Peru	Och 868	-	S	S	S	-
475	Peru	Och 898	-	-	S	S	-
477	Peru	Och 903	-	R	S	S	-
482	Peru	Och 909	-	-	-	S	-
484	Peru	Och 911	-	S	-	S	-
485	Peru	Och 913	-	S	-	S	-
487	Peru	Och 915	-	S	-	S	-
488	Peru	Och 917	-	R	-	S	-
494	Peru	Och 932b	-	-	S	-	-
498	Peru	Och 941	-	-	S	S	-
502	Peru	Och 956	-	S	S	S	-
504	Peru	Och 966	-	R	S	S	-
506	Peru	Och 969	-	S	-	S	-
508	Peru	Och 972	-	S	S	S	-
510	Peru	Och 1173	-	R	S	S	-
511	Peru	Och 1176	-	R	S	S	-
512	Peru	Och 1179	-	S	S	S	-
519	Peru	Och 1194	-	S	-	S	-
520	Peru	Och 1196	-	S	S	S	-
521	Peru	Och 1197	-	R	-	S	-
522	Peru	Och 1207	-	S	S	S	-
523	Peru	Och 1209	-	S	-	S	-
524	Peru	Och 1211	-	S	S	S	-
525	Peru	Och 1212	-	S	S	S	-
531	Peru	Och 1224	-	S	-	S	-
532	Peru	Och 1225	-	S	S	S	-
533	Peru	Och 1226	-	R	S	S	S
534	Peru	Och 1228	-	S	-	S	S

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Andigena continued							
538	Peru	Och 1235	-	S	S	S	-
539	Peru	Och 1236a	-	S	-	S	S
540	Peru	Och 1236b	-	S	-	S	-
541	Peru	Och 1238	-	S	S	S	-
543	Peru	Och 1242	-	S	S	S	-
545	Peru	Och 1245	-	S	-	S	S
550	Peru	Och 1253	-	S	S	S	S
551	Peru	Och 1258	-	S	S	S	-
558	Peru	Och 1266	-	R	-	S	-
560	Peru	Och 1269	-	S	-	S	S
561	Peru	Och 1270	-	S	-	S	-
562	Peru	Och 1273	-	S	S	S	-
563	Peru	Och 1274	-	R	S	S	-
565	Peru	Och 1278	-	S	-	S	-
570	Peru	Och 1289	-	S	S	S	-
571	Peru	Och 1290	-	S	-	S	-
572	Peru	Och 1292	-	R	S	S	-
579	Peru	Och 1310a	-	S	S	S	-
583	Peru	Och 1312b	-	R	-	S	-
584	Peru	Och 1313	-	R	S	S	-
585	Peru	Och 1314	-	S	S	S	-
586	Peru	Och 1317	-	R	S	S	-
596	Peru	Och 1335	-	S	S	S	-
598	Peru	Och 1340	-	S	-	S	-
599	Peru	Och 1341	-	R	-	S	-
600	Peru	Och 1344	-	R	S	S	-
601	Peru	Och 1346a	68	R	S	S	-
606	Peru	Och 1352	-	S	S	S	S
607	Peru	Och 1353	-	S	-	S	-
613	Peru	Och 1370	-	S	S	S	-
616	Peru	Och 1379	-	S	S	S	-
625	Peru	Och 1835	-	R	-	S	-
626	Peru	Och 1837	-	S	-	S	-
633	Peru	Och 1852	-	R	-	S	-
634	Peru	Och 1853a	-	R	-	S	-
636	Peru	Och 1855	-	R	-	S	-
638	Peru	Och 1857	-	R	-	S	S

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Andigena continued							
639	Peru	Och 1858	-	R	-	S	-
640	Peru	Och 1860	-	S	S	S	-
646	Peru	Och 1871	-	S	-	S	-
647	Peru	Och 1872	-	S	S	S	-
649	Peru	Och 1877	-	S	S	S	S
651	Peru	Och 1882	-	R	S	S	-
659	Peru	Och 1892	-	R	S	S	-
661	Peru	Och 1894a	-	R	S	S	-
662	Peru	Och 1894b	-	R	S	S	-
663	Peru	Och 1896	-	S	S	S	-
669	Peru	Och 1903	-	S	S	S	-
671	Peru	Och 1908a	-	S	S	S	-
688	Peru	Och 1946	-	R	S	S	-
692	Peru	Och 1957	-	S	-	S	-
702	Bolivia	Och 2145a	93	S	S	S	-
708	Bolivia	Och 2153	-	S	S	S	-
709	Bolivia	Och 2154	36	S	S	S	S
710	Bolivia	Och 2155	51	S	S	S	S
713	Bolivia	Och 2164	-	S	-	S	S
714	Bolivia	Och 2165	-	S	-	S	-
715	Bolivia	Och 2166	70	S	S	S	S
719	Bolivia	Och 2172	-	S	S	S	S
720	Bolivia	Och 2176	61	S	-	-	S
722	Bolivia	Och 2179	67	S	-	S	-
732	Bolivia	Och 2216	-	S	S	S	S
734	Bolivia	Och 2221	-	S	S	S	S
735	Bolivia	Och 2224	-	S	S	S	S
736	Bolivia	Och 2226	58	S	S	S	-
738	Bolivia	Och 2231	51	S	S	S	S
739	Bolivia	Och 2234	-	S	-	S	-
741	Bolivia	Och 2238	-	S	-	S	-
745	Bolivia	Och 2243	73	S	-	S	-
747	Bolivia	Och 2244b	101	S	-	S	-
757	Bolivia	Och 2281	-	S	S	S	-
758	Bolivia	Och 2282	43	S	S	S	S
762	Bolivia	Och 2289	43	S	S	S	-
763	Bolivia	Och 2290	46	R	-	S	S

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Andigena continued							
764	Bolivia	Och 2293	-	S	-	S	S
766	Bolivia	Och 2296	-	S	S	S	S
767	Bolivia	Och 2298	-	S	S	S	S
768	Bolivia	Och 2299	-	S	S	S	S
770	Bolivia	Och 2304	-	S	S	S	S
772	Bolivia	Och 2312	-	R	S	S	S
773	Bolivia	Och 2316	-	R	S	S	-
774	Bolivia	Och 2320	41	S	S	S	S
775	Bolivia	Och 2323	-	S	S	S	S
790	Bolivia	Och 2343	59	S	-	S	-
793	Bolivia	Och 2347	-	S	-	S	S
810	Bolivia	Och 2411	-	S	-	S	-
814	Bolivia	Och 2434	49	S	-	S	S
819	Bolivia	Och 2440	87	S	-	S	S
822	Bolivia	Och 2445	-	S	-	S	-
826	Bolivia	Och 2456	-	S	-	S	-
845	Bolivia	Och 2516	86	R	S	S	S
849	Bolivia	Och 2522	51	S	S	S	S
855	Peru	Och 10-7-48	-	S	S	S	S
859	Peru	Och 88-8-48	-	S	-	S	S
861	Peru	Och 92-15-47	-	-	-	S	S
863	Peru	Och 320-69-47	-	S	-	S	-
864	Peru	Och 4-8-2-49	-	S	-	S	S
865	Peru	Och 4-8-17-49	-	S	-	S	S
868	Peru	Och 4-84-6-49	-	S	-	S	-
871	Peru	Och 4-520-9-51	-	S	S	S	S
872	Peru	Och 8-11-1-47	-	S	-	S	S
874	Peru	Och 8-11-16-47	-	S	-	-	S
881	Peru	Och 84-8-13-49	-	S	S	S	S
885	Peru	Och 84-328-12-49	-	S	S	S	S
887	Peru	Och 84-328-22-50	-	S	-	S	-
889	Peru	Och 104-50-1-51	-	S	-	S	-
895	Peru	Och 238-460-1-51	-	S	-	-	-
897	Peru	Och 288-8-9-49	-	S	-	S	S
898	Peru	Och 288-328-5-51	-	S	S	S	-
899	Peru	Och 289-8-1-49	-	S	S	S	S
906	Peru	Och 414-328-6-51	90	R	-	S	S

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Andigena continued							
910	Mexico	Stij	-	S	S	S	S
911	Mexico	Stij	-	S	-	S	S
912	Mexico	Stij	-	S	-	S	-
915	Peru	Tox	-	S	-	S	S
917	Indonesia	Tox	-	S	-	S	-
1004	Argentina	Bru 4	-	S	S	S	-
1005A	Argentina	Bru 5	-	-	-	S	-
1005B	Argentina	Bru 5	-	-	-	S	-
1008	Argentina	Bru 8	-	-	-	S	-
1025BII	Argentina	Bru 25	-	-	-	S	-
1028	Argentina	Bru 28	-	-	-	S	-
1036	Argentina	Bru 36	-	S	-	S	-
1043	Argentina	Bru 43	-	S	-	S	-
1048	Argentina	Bru 48	-	-	S	S	-
1057	Argentina	Bru 57	-	R	-	S	-
1060	Argentina	Bru 60	-	S	-	S	-
1104BI	Argentina	Bru 604b	-	-	-	S	-
1106A	Argentina	Bru 606	-	R	-	-	-
1108A	Argentina	Bru 608	-	-	-	-	-
1109AI	Argentina	Bru 609a	-	-	-	S	-
1109B	Argentina	Bru 609b	-	-	-	S	-
1111	Argentina	Bru 611	-	S	S	S	-
1113IA	Argentina	Bru 613 I	-	S	-	S	-
1113IB	Argentina	Bru 613 I	-	-	-	S	-
1113II	Argentina	Bru 613 II	-	R	-	S	-
1114I	Argentina	Bru 614 I	-	-	-	-	-
1114II	Argentina	Bru 614 II	-	-	-	S	S
1115I	Argentina	Bru 615I	-	-	-	S	S
1115II	Argentina	Bru 615II	-	S	-	S	-
1118AI	Argentina	Bru 618a	-	S	-	S	-
1118BI	Argentina	Bru 618b	-	-	-	-	-
1127AII	Argentina	Bru 627 II	-	-	-	S	-
1140A	Argentina	Bru 640	-	-	-	S	-
1140B	Argentina	Bru 640	-	-	-	S	-
1142A	Argentina	Bru 642	-	-	-	S	-
1143A	Argentina	Bru 643	-	-	-	S	-
1151B	Argentina	Bru 651	-	-	-	S	S

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Andigena continued							
1153	Argentina	Bru 653	-	R	S	S	-
1155B	Argentina	Bru 655	-	-	-	S	S
1156	Argentina	Bru 656	-	R	-	S	-
1159	Argentina	Bru 659	-	S	-	S	S
1160	Argentina	Bru 660	-	S	S	S	-
1160B	Argentina	Bru 660	-	-	-	S	-
1161	Argentina	Bru 661	-	R	-	S	-
1168	Argentina	Bru 668	-	S	S	S	-
1180A	Argentina	Bru 680	-	-	-	S	-
1187A	Argentina	Bru 687	-	-	-	S	-
1193A	Argentina	Bru 693	-	-	-	S	-
1200B	Argentina	Bru 700	-	-	-	-	-
1203A	Argentina	Bru 703	-	S	-	-	-
1203B	Argentina	Bru 703	-	S	-	-	-
1206	Argentina	Bru 706	-	-	-	S	-
1207AII	Argentina	Bru 707a	-	-	-	-	-
1207BII	Argentina	Bru 707b	-	-	-	S	S
1209	Argentina	Bru 709	-	S	-	S	-
1212	Argentina	Bru 712	-	R	-	S	-
1218	Argentina	Bru 718	-	-	-	S	-
1220	Argentina	Bru 720	-	S	-	S	-
1223	Argentina	Bru 723	-	-	-	S	-
1225	Argentina	Bru 725	-	R	-	S	-
1238A	Argentina	Bru 738	-	-	-	S	S
1239	Argentina	Bru 739	-	S	-	S	-
1242B	Argentina	Bru 742	-	S	-	S	-
1243B	Argentina	Bru 743	-	S	-	S	-
1252B	Argentina	Bru 752	-	-	-	S	-
1257BII	Argentina	Bru 757b	-	-	-	S	S
1274B	Argentina	Bru 774	-	-	-	S	-
1294I	Argentina	Bru 794	-	-	-	S	-
1295	Argentina	Bru 795	-	S	S	S	-
1303	Argentina	Bru 803	-	S	-	S	-
1304	Argentina	Bru 804	-	S	-	S	-
1305II	Argentina	Bru 805	-	-	-	S	-
1308I	Argentina	Bru 808	-	-	-	S	S
1317	Argentina	Bru 817	-	S	-	S	-

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Andigena continued							
1318	Argentina	Bru 818	-	-	-	S	S
1324	Argentina	Bru 824	-	S	-	S	-
1325A	Argentina	Bru 825	-	-	-	S	-
1328	Argentina	Bru 828	-	-	S	S	-
1329	Argentina	Bru 829	-	S	S	S	-
1336I	Argentina	Bru 836	-	S	-	S	S
1336II	Argentina	Bru 836	-	R	-	S	S
1352	Argentina	Bru 852	-	S	-	S	S
1357II	Argentina	Bru 857	-	-	-	S	-
1359	Argentina	Bru 859	-	R	S	S	-
1379	Argentina	Bru 879	-	S	-	S	-
1382-1	Argentina	Bru 882	-	R	-	S	S
1382I	Argentina	Bru 882	-	-	-	S	S
1383I	Argentina	Bru 883	-	-	S	S	-
1385	Argentina	Bru 885	-	-	-	S	S
1389	Argentina	Bru 889	-	-	-	S	-
1407	Bolivia	Bru 907	-	-	-	S	-
1412II	Bolivia	Bru 912	-	-	-	S	-
1413	Bolivia	Bru 913	-	-	-	S	-
1423	Bolivia	Bru 923	-	S	-	S	-
1424	Bolivia	Bru 924	-	-	S	S	-
1426	Bolivia	Bru 926	-	R	-	S	-
1426AII	Bolivia	Bru 926a	-	-	-	S	-
1429	Bolivia	Bru 929	-	-	-	S	-
1433	Bolivia	Bru 933	-	S	-	S	-
1436	Bolivia	Bru 936	-	-	S	S	-
1437	Bolivia	Bru 937	-	-	S	S	-
1438II	Bolivia	Bru 938	-	S	S	S	-
1441	Bolivia	Bru 941	-	S	S	S	-
1442II	Bolivia	Bru 942	-	-	-	S	S
1444	Bolivia	Bru 944	-	S	S	S	S
1457BI	Bolivia	Bru 957b	-	S	S	S	-
1458	Bolivia	Bru 958	-	R	S	S	-
1463	Bolivia	Bru 963	-	S	S	S	-
1468	Bolivia	Bru 968	-	R	S	S	-
1471	Bolivia	Bru 971	-	S	S	S	-
1475I	Bolivia	Bru 975	-	S	S	S	-

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Andigena continued							
1476	Bolivia	Bru 976	-	R	S	S	-
1478B	Bolivia	Bru 978b	-	-	-	-	-
1482	Bolivia	Bru 982	-	R	S	S	-
1487	Bolivia	Bru 987	-	-	-	S	-
1488	Bolivia	Bru 988	-	-	-	S	-
1496	Bolivia	Bru 996	-	S	-	S	-
1499	Bolivia	Bru 999	-	S	S	S	-
1499I	Bolivia	Bru 999	-	-	-	S	-
1505	Bolivia	Bru 1005	-	-	S	S	-
1506	Bolivia	Bru 1006	-	R	-	S	S
1507	Bolivia	Bru 1007	-	-	-	S	-
1509	Bolivia	Bru 1009	-	S	S	S	-
1509-1	Bolivia	Bru 1009	-	-	-	S	-
1530	Argentina	Bru 1030	-	R	S	S	-
1540	Argentina	Bru 1040	-	S	-	S	-
1541	Argentina	Bru 1041	-	-	-	S	-
1546	Argentina	Bru 1046	-	-	-	S	-
1566	Argentina	Bru 1066	-	S	S	S	-
1568	Argentina	Bru 1068	-	S	S	S	-
1571	Argentina	Bru 1071	-	S	-	S	-
1573	Argentina	Bru 1073	-	S	-	S	-
1951	Mexico	Haw 1534	-	-	-	S	-
1952	Mexico	Haw 1599	-	-	-	S	-
1953	Mexico	Haw 1600	-	-	-	S	-
1954	Mexico	Haw 1858	-	-	-	S	-
1955	Peru	Och O1295	-	-	-	-	-
1956	Peru	Och OH410-59	-	-	-	-	-
1957	Peru	Och OH419-59	-	-	-	-	-
1958	Peru	Och Crompis	-	-	-	-	-
1959	Peru	Och Tunta	-	S	-	S	-
1960	Colombia	CCC198,Algodona	-	-	-	-	-
1961	Colombia	CCC818,Jabonilla	-	-	-	-	-
1962	Colombia	Gee 3	-	-	-	-	-

WAC No	Country of origin	Collector or donor No	Vit. C in ppm	*Fusarium* dry rot	Late blight	Gold. nem. pathotype A	Gold. nem. pathotype B
S. tuberosum, Group Phureja 2n=24							
2601	Colombia	CCC118,Chauca	-	-	-	-	-
2602	Colombia	PI 320348	-	-	-	-	-
2603	Colombia	PI 320349	-	-	-	-	-
2604	Colombia	PI 320350	-	-	-	-	-
2605	Colombia	PI 320351	-	-	-	-	-
2606	Colombia	PI 320352	-	-	-	-	-
2607	Colombia	PI 320353	-	-	-	-	-
2608	Colombia	PI 320354	-	-	-	-	-
2609	Colombia	PI 320355	-	-	-	-	-
2610	Colombia	PI 320357	-	-	-	-	-
2611	Colombia	PI 320358	-	-	-	-	-
S. tuberosum, Group Stenotomum 2n=24							
723	Bolivia	Och 2183	-	S	-	S	-
729	Bolivia	Och 2207	116	S	-	S	-
835	Bolivia	Och 2484	-	R	-	S	-
1975	Peru	PI 230512	-	-	-	-	-

Table 2. Inventory of wild *Solanum* species in the Wageningen Potato Collection (WAC). R=resistant, S=susceptible.

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. acaule 2n=48					
3001	Argentina	Haw 30-1	-	-	-
3003	Argentina	Haw 70-1x2	-	-	-
3004	Argentina	Haw 145-1	-	-	-
3006	Argentina	Haw 3482	-	-	-
3007	Argentina	Haw 3717	-	-	-
3008	Argentina	Haw 3740	-	-	-
3009	Argentina	Haw 3813	-	-	-
3010	Argentina	Haw 3814	-	-	-
3011	Argentina	Haw 3872	-	-	-
3012	Argentina	Haw 3904	-	-	-
3013	Argentina	Haw 3396	-	-	-
3014	Argentina	Haw 3407B	-	-	-
3015	Peru	Och 1	-	-	-
3016	Peru	Och 3	-	-	-
3017	Peru	Och 15	S	-	-
3300	Peru	PI 266386	-	-	-
3301	Argentina	PI 320272	-	-	-
3302	Argentina	PI 320273	-	-	-
3303	Argentina	PI 320274	-	-	-
3304	Argentina	PI 320275	-	-	-
3305	Argentina	PI 320276	-	-	-
3306	Argentina	PI 320277	-	-	-
3307	Argentina	PI 320278	-	-	-
3308	Argentina	PI 320279	-	-	-
3309	Argentina	PI 320280	-	-	-
3341	Peru	Och	-	-	-
S. acaule ssp. *albicans* 2n=72					
3405	Peru	Och 2713	-	-	-
S. andreanum 2n=24					
3018	Colombia	Haw 654-7x6	-	-	-

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. boliviense 2n=24					
3359	Bolivia	PI 310928	-	-	-
3360	Bolivia	PI 310974	-	-	-
S. brachistotrichum 2n=24					
3362	Mexico	PI 283095	-	-	-
3363	Mexico	PI 320265	-	-	-
S. brevicaule 2n=48					
3364	Bolivia	PI 310930	-	-	-
3365	Bolivia	PI 310931	-	-	-
3367	Bolivia	PI 310982	-	-	-
3373	Bolivia	PI 310929	-	-	-
S. bukasovii 2n=24					
3342	Peru	Och	-	-	-
S. bulbocastanum 2n=24					
3019	Mexico	PI 243345	-	-	-
3020	Mexico	PI 243504	-	-	-
3021	Mexico	PI 243505	-	-	-
3022	Mexico	PI 243509	-	-	-
3023	Mexico	PI 243512	R	-	-
3024	Mexico	PI 255518	R	-	-
3026	Mexico	PI 275184	R	-	-
3027	Mexico	PI 275185	-	S	-
3028	Mexico	PI 275187	R	S	-
3029	Mexico	PI 275188	-	-	-
3030	Mexico	PI 275189	R	-	-
3031	Mexico	PI 275191	R	-	-
3032	Mexico	PI 275193	-	S	-
3033	Mexico	PI 275194	R	-	-
3034	Mexico	PI 275195	R	S	-
3035	Mexico	PI 275196	R	S	-
3036	Mexico	PI 275197	R	S	-
3037	Mexico	PI 275198	R	-	-

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. bulbocastanum continued					
3038	Mexico	PI 275199	R	S	-
3401	Mexico	PI 275186	-	-	-
3402	Mexico	PI 275192	-	-	-
S. canasense 2n=24					
3039	Peru	PI 246533	S	-	-
3040	Peru	PI 265863	S	S	-
3041	Peru	PI 265864	-	-	-
3042	Peru	PI 265875	S	-	-
3043	Peru	PI 266385	-	-	-
3044	Peru	PI 283080	S	-	-
S. cardiophyllum 2n=24					
3092	Mexico	WRF 1274	S	-	-
S. chacoense 2n=24					
3045	Argentina	Haw 4039	-	-	-
3046	Argentina	WRF 267	-	S	S
3047	Argentina	WRF 284	-	S	S
3049	Argentina	WRF 1275	-	S	S
3050	Argentina	PI 175415	-	S	S
3053	Argentina	PI 209411	-	S	S
3055	Argentina	PI 217451	-	S	S
3056	Argentina	PI 230580	-	-	S
3057	Argentina	PI 230582	-	S	S
3059	Argentina	PI 265576	-	S	S
3061	Argentina	PI 275138	-	S	S
3062	Argentina	PI 275139	-	S	S
3063	Argentina	PI 275141	-	S	S
3064	Argentina	CPC 3504	-	S	S
3067	Argentina	CPC 3877	-	S	S
3068	Argentina	CPC 3883	-	S	S
3069	Argentina	CPC 3884	-	S	S
3070	Argentina	CPC 3886	-	S	S
3071	Argentina	CPC 3887	-	S	S
3074	Argentina	CPC 3903	-	S	S
3075	Argentina	CPC 3918	-	-	-

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. chacoense continued					
3076	Argentina	CPC 3918A	-	S	S
3077	Argentina	Haw 43-1x2	-	-	-
3078	Argentina	Haw 82-3x1	-	-	-
3079	Argentina	Haw 82-3x4	-	-	-
3080	Argentina	Haw 117-1x3	-	-	S
3081	Argentina	Haw 121-2x3	-	-	S
3082	Argentina	Haw 128-1xvI	-	-	-
3083	Argentina	Haw 160-2xvI	-	-	-
3084	Argentina	Haw 3158-3x2	-	-	-
3085	Argentina	Haw 3297	-	-	-
3086	Argentina	Haw 3432	-	-	-
3088	Argentina	Haw 3700	-	-	-
S. demissum 2n=72					
3093	Mexico	PI 160208	S	-	-
3094	Mexico	PI 160212	S	-	-
3095	Mexico	PI 160221	S	-	-
3096	Mexico	PI 160222	S	-	-
3097	Mexico	PI 160227	S	-	-
3098	Mexico	PI 160229	S	-	-
3099	Mexico	PI 160230	S	-	-
3100	Mexico	PI 161149	S	-	-
3101	Mexico	PI 161151	S	-	-
3102	Mexico	PI 161153	S	-	-
3103	Mexico	PI 161154	S	-	-
3104	Mexico	PI 161155	S	-	-
3105	Mexico	PI 161163	S	-	-
3106	Mexico	PI 161164	S	-	-
3107	Mexico	PI 161165	S	-	-
3108	Mexico	PI 161166	S	-	-
3109	Mexico	PI 161167	S	-	-
3110	Mexico	PI 161168	S	-	-
3111	Mexico	PI 161169	S	-	-
3112	Mexico	PI 161175	S	-	-
3113	Mexico	PI 161176	S	-	-
3114	Mexico	PI 161179	S	-	-
3115	Mexico	PI 161180	S	-	-

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. demissum continued					
3116	Mexico	PI 161181	S	-	-
3117	Mexico	PI 161365	S	-	-
3118	Mexico	PI 161366	S	-	-
3119	Mexico	PI 161367	S	-	-
3120	Mexico	PI 161686	S	-	-
3121	Mexico	PI 161693	S	-	-
3122	Mexico	PI 161715	S	-	-
3123	Mexico	PI 161719	S	-	-
3124	Mexico	PI 161725	S	-	-
3125	Mexico	PI 161729	S	-	-
3126	Mexico	PI 161731	S	-	-
3127	Mexico	PI 161732	S	-	-
3128	Mexico	PI 161769	S	-	-
3129	Mexico	PI 175403	S	-	-
3130	Mexico	PI 175404	S	-	-
3131	Mexico	PI 175405	S	-	-
3133	Mexico	PI 175409	S	-	-
3134	Mexico	PI 175411	S	-	-
3135	Mexico	PI 175423	S	-	-
3136	Mexico	PI 186550	S	-	-
3137	Mexico	PI 186551	S	-	-
3139	Mexico	PI 186556	S	-	-
3140	Mexico	PI 186561	S	-	-
3141	Mexico	PI 186562	S	-	-
3142	Mexico	PI 195165	S	-	-
3144	Mexico	PI 201851	S	-	-
3145	Mexico	PI 201853	S	-	-
3146	Mexico	PI 201854	S	-	-
3147	Mexico	PI 205514	S	-	-
3148	Mexico	PI 205515	S	-	-
3149	Mexico	PI 205516	S	-	-
3150	Mexico	PI 205517	S	-	-
3151	Mexico	PI 205518	S	-	-
3152	Mexico	PI 205519	S	-	-
3153	Mexico	PI 205625	S	-	-
3154	Mexico	PI 218047	S	-	-
3155	Mexico	PI 225652	S	-	-

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. demissum continued					
3156	Mexico	PI 225653	S	-	-
3157	Mexico	PI 225711	S	-	-
3158	Mexico	PI 230487	S	-	-
3159	Mexico	PI 230488	S	-	-
3160	Mexico	PI 230558	S	-	-
3161	Mexico	PI 230559	S	-	-
3162	Mexico	PI 230578	S	-	-
3163	Mexico	PI 230579	S	-	-
3164	Mexico	PI 230587	S	-	-
3165	Mexico	PI 230589	S	-	-
3166	Mexico	PI 230590	S	-	-
3167	Mexico	PI 230591	S	-	-
3168	Mexico	PI 230592	S	-	-
3170	Mexico	PI 275206	S	-	-
3171	Mexico	PI 275208	S	-	-
3172	Mexico	PI 275209	S	-	-
3173	Mexico	PI 275210	S	-	-
3174	Guatamala	PI 275211	S	-	-
S. etuberosum 2n=24					
3175	Chile	PI 245939	-	-	-
S. fendleri 2n=48					
3176	USA	Haw 1209-1	S	-	-
S. gandarillasii 2n=24					
3177	Bolivia	PI 265866	-	-	-
3178	Bolivia	PI 283076	-	-	-
S. gourlayi 2n=24					
3179	Bolivia	PI 283090	-	-	-
S. hjertingii 2n=48					
3182	Mexico	PI 186559	S	-	-
3183	Mexico	PI 186560	S	-	-
3184	Mexico	PI 251063	S	-	-
3185	Mexico	PI 283103	S	-	-

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. huancabambense		2n=24			
3347	Peru	Och 021	-	-	-
3348	Peru	Och 024	-	-	-
S. immite		2n=24			
3349	Peru	Och			
S. infundibuliforme		2n=24			
3186	Argentina	PI 275146	-	R	-
3187	Argentina	PI 275147-3	-	-	-
3188	Bolivia	PI 310976	-	-	-
3189	Argentina	PI 283077	-	S	-
3190	Argentina	PI 320295	-	-	-
S. ingaefolium		2n=24			
3350	Peru	Och	-	-	-
3351	Peru	Och	-	-	-
S. iopetalum		2n=72			
3191	Mexico	CPC 2292	-	-	-
3192	Mexico	CPC 3250	-	-	-
3193	Mexico	Haw 320-2x1	-	-	-
3397	Mexico	Haw 318-2x2	-	-	-
S. kurtzianum		2n=24			
3195	Argentina	Haw 4003	-	-	-
S. leptophyes		2n=24			
3196	Peru	PI 210056	-	S	-
3197	Peru	PI 310932	-	-	-
S. marinasense		2n=24			
3352	Peru	Och	-	-	-
S. medians		2n=24, 36			
3374	Peru	PI 310994	-	-	-
3406	Peru	PI 320261	-	-	-

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. megistacrolobum 2n=24					
3200	Bolivia	PI 210034	-	R	-
3201	Bolivia	PI 265578	S	S	-
3202	Argentina	PI 265879	-	R	-
3203	Bolivia	PI 265874	-	-	-
3204	Argentina	PI 275147	-	S	-
3205	Argentina	PI 275148	-	S	-
3206	Argentina	PI 275149	-	S	-
3207	Bolivia	PI 283082	-	R	-
3208	Argentina	PI 320302	-	-	-
S. michoacanum 2n=24					
3211	Mexico	PI 283104	-	-	-
S. microdontum 2n=24					
3213	Argentina	Haw 42-4x6	-	R	-
3214	Argentina	Haw 141-VIx1	-	-	-
3215	Argentina	Haw 3461-4	-	-	-
3216	Argentina	Haw 3464	-	RS	-
3218	Argentina	Haw 3681	-	RS	-
3219	Argentina	Haw 3699	-	RS	-
3220	Argentina	Haw 3919	-	RS	-
3221	Argentina	PI 208866 x PI 195185	-	RS	-
3222	Argentina	PI 208866	-	RS	-
3223	Argentina	PI 218223	-	RS	-
3224	Argentina	CPC 2481-1x2	-	RS	-
3225	Argentina	Haw 64-2x3	-	-	-
3227	Argentina	Haw 3830	-	RS	-
3228	Argentina	Haw 3863-2	-	RS	-
S. mochicense 2n=24					
3229	Peru	PI 283114	-	S	-
S. multidissectum 2n=24					
3231	Peru	PI 210052	-	-	-
3232	Peru	PI 230506	-	RS	-
3233	Peru	PI 210043	-	R	-

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. multidissectum	continued				
3234	Peru	PI 210044	-	RS	-
3236	Peru	PI 210055	-	RS	-
3237	Peru	PI 310995	-	-	-
S. multiinterruptum	2n=24				
3353	Peru	Och	-	-	-
S. pampasense	2n=24				
3240	Peru	PI 275275	-	-	-
S. paucissectum	2n=24				
3354	Peru	Och	-	-	-
S. pinnatisectum	2n=24				
3241	Mexico	Haw 1455-1 x Haw 1424-1	-	-	-
3242	Mexico	PI 275231	-	S	-
3243	Mexico	PI 275233	-	S	-
3244	Mexico	PI 275235	-	S	-
S. polyadenium	2n=24				
3245	Mexico	PI 310963	-	-	-
3404	Mexico	PI 275239	-	-	-
S. polytrichon	2n=48				
3247	Mexico	Haw 533-1	-	-	-
3248	Mexico	Haw 1467	-	-	-
S. raphanifolium	2n=24				
3249	Peru	PI 210048	-	-	-
3250	Peru	PI 265862	-	-	-
3253	Peru	PI 320262	-	-	-
3255	Peru	Haw 694-2x3	-	-	-
S. sanctae-rosae	2n=24				
3256	Argentina	Haw 3939	-	RS	-
3257	Argentina	PI 218221	-	-	-
3258	Argentina	PI 283089	-	-	-

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. sanctae-rosae continued					
3259	Argentina	PI 205397	-	S	-
3260	Argentina	PI 230464	-	RS	-
3261	Argentina	PI 275152	-	R	-
3263	Argentina	PI 320325	-	-	-
S. sogarandinum 2n=24					
3264	Peru	PI 230510	-	-	-
S. sparsipilum 2n=24					
3266	Bolivia	PI 310933	-	-	-
3272	Bolivia	PI 265871	-	-	-
3275	Bolivia	PI 310984	-	-	-
3276	Bolivia	PI 234014	-	RS	-
3279	Peru	PI 310959	-	RS	-
3356	Peru	Och	-	-	-
3357	Peru	Och	-	-	-
3358	Peru	Och	-	-	-
S. spegazzinii 2n=24					
3280	Argentina	Haw 3518	-	RS	-
3281	Argentina	Haw 3524	-	RS	-
3282	Argentina	Haw 3995	-	RS	-
3283	Argentina	PI 205394	-	RS	-
3284	Argentina	PI 205407	-	R	-
3285	Argentina	PI 208876	-	RS	-
3286	Argentina	PI 275143	-	R	-
3287	Argentina	PI 275144	-	-	-
3288	Argentina	PI 310985	-	RS	-
3290	Argentina	PI 320300	-	-	-
3291	Argentina	PI 320301	-	-	-
3399	Argentina	Haw 144-3 x Haw 147VI	-	-	-
S. sucrense 2n=48					
3293	Bolivia	PI 283091	-	RS	-
S. tarijense 2n=24					
3294	Argentina	Haw 58-24	-	-	-

WAC No	Country of origin	Collector or donor No	Gold. nem. pathotype A	Gold. nem. pathotype D	Common scab
S. tarijense continued					
3387	Argentina	Haw 810	-	-	-
3388	Argentina	Haw 811	-	-	-
S. venturii 2n=24					
3295	Argentina	PI 218220	-	RS	-
3296	Argentina	PI 320327	-	-	-
3297	Argentina	PI 320328	-	-	-
3390	Argentina	Haw 876	-	S	-
S. vernei 2n=24					
3298	Argentina	Haw 3504	-	RS	-
3299	Argentina	Haw 3505	-	RS	-
3313	Argentina	Haw 3542	-	RS	-
3314	Argentina	PI 230562	-	RS	-
3315	Argentina	PI 275155	-	S	-
3400	Argentina	Haw 56(1x2)x(1x3)	-	-	-
S. verrucosum 2n=24					
3324	Mexico	Haw 756	-	-	-
3326	Mexico	Haw 1532	-	S	-
3327	Mexico	Haw 2246	-	-	-
3328	Mexico	PI 160228	-	S	-
3330	Mexico	PI 161173	-	-	-
3332	Mexico	PI 195172	S	-	-
3335	Mexico	PI 275255	-	S	-
3336	Mexico	PI 275256	-	S	-
3337	Mexico	PI 275258	-	S	-
3338	Mexico	PI 275259	-	-	-
3340	Mexico	PI 310966	-	S	-
3375	Mexico	Haw 341	-	S	-
3376	Mexico	Haw 343	-	S	-
3377	Mexico	CPC 2644	S	S	-
3378	Mexico	CPC 2514	-	S	-