

	A	B	C	D	E	F	G	H	I	J	K	L
1	Supplemental Table 1. Performance of <i>Apium</i> germplasm in the greenhouse in soil that was infested with <i>F. oxysporum</i> f. sp. <i>apii</i> (<i>Foa</i>) race 4 ^a .											
2	UCD #	<i>Apium</i> sp.	<i>A. graveolens</i> var.	Crop	Origin or Source	USDA PI, other ID, <i>Cultivar</i>	Avg. vascular discoloration rating of <i>Foa</i> race 4-treated, 0 (none) to 5 (dead)	Fraction of height of <i>Foa</i> race 4-treated/ controls, excluding dead plants	Fraction of <i>Foa</i> race 4 plants that died	Avg. vascular discoloration rating of controls, 0 (none) to 5	(No. of greenhouse trials if >1), Phenotype or genotype notes	Notes on phenotype(s) in <i>Foa</i> -race 4 infested field(s) ^b
3	A0163	<i>A. graveolens</i>	<i>secalinum</i>	"celery" (=smallage)	Stone River, Sinkiang, China	Orton 0111	0.2	1.1	0	0.0	Local type	Leaves chlorotic; early bolting
4	A0235	<i>A. graveolens</i> ?	?		China	124	0.2	1.1	0	0.0	(2)	Leaves fennel-like; poor germination
5	A0165	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Busambra, Palermo, Italy	72, U. of P.	0.2	1	0	0.2	(2)	Good resistance; some red in petioles; very prostrate growth habit
6	A0103 ^c	<i>A. graveolens</i>	<i>secalinum</i> ? <i>rapaceum</i> ?	Smallage? Celeriac?	Turkey	PI165064, <i>Koh Kerevizi</i>	0.4	1.17	0	0.0	(2)	Good resistance; 1% mortality; a few lower leaves with <i>Foa</i> chlorosis; some red in petioles
7	A0021	<i>A. graveolens</i>	<i>rapaceum</i> ? <i>dulce</i> ?	Celeriac? Celery?	Yugoslavia	PI357327, <i>Domasen</i>	0.4	1.07	0	0.0		Black heart and <i>Foa</i> symptoms
8	A0102 ^c	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI164944, <i>Odessa Kereviz</i>	0.4	1.0	0	0.2	(2)	Looked reasonably good in field, but 12% mortality, some <i>Foa</i> symptoms, very strong bitter taste, hollow & very ribby petioles
9	A0134 ^c	<i>A. graveolens</i>	<i>secalinum</i> ?	possibly smallage, neither celeriac nor celery	Turkey	PI181714	0.7	0.89	0	0.0	(3)	Resistant in 3 infested fields; Selected for breeding program
10	A0366	<i>A. graveolens</i>	<i>dulce</i>	Celery	Rijk Zwaan, CA	<i>Earthrace</i> , <i>Anacapa</i>	0.8	1	0.05	0.0	Hybrid	Some resistance/tolerance but proprietary hybrid variety; in field trial, inferior <i>Foa</i> resistance in comparison to PI181714 and its selected progeny
11	A0251	<i>A. graveolens</i>	<i>secalinum</i> ?	Chinese celery, typical local type	China, PRC	PI478317	1.0	0.8	0	0.0	(2)	38% mortality & some stunting
12	A0008	<i>A. graveolens</i>	<i>secalinum</i> ?	Smallage?	Iran	PI229526	1.4	1.1	0	0.0		NA
13	A0070	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Gatersleben, East Germany	API 14/76, Amersterdam Feiner	1.5	0.83	0	0.0	(2)	NA
14	A0105	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI167214, <i>Roka</i>	1.5	1.0	0	0.0	(2)	NA
15	A0139	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI206940	1.6	0.8	0	0.1	(2)	NA
16	A0368	<i>A. graveolens</i>	<i>dulce</i>	Celery	Rijk Zwaan, CA	<i>Kelvin</i>	1.6	0.9	0	0.5		NA

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2	UCD #	<i>Apium sp.</i>	<i>A. graveolens</i> var.	Crop	Origin or Source	USDA PI, other ID, <i>Cultivar</i>	Avg. vascular discoloration rating of <i>Foa</i> race 4-treated, 0 (none) to 5 (dead)	Fraction of height of <i>Foa</i> race 4-treated/ controls, excluding dead plants	Fraction of <i>Foa</i> race 4 plants that died	Avg. vascular discoloration rating of controls, 0 (none) to 5	(No. of greenhouse trials if >1), Phenotype or genotype notes	Notes on phenotype(s) in <i>Foa</i> -race 4 infested field(s) ^b
17	A0172	<i>A. graveolens</i>	<i>lusitanicum</i>	Wild	Gatersleben, East Germany	API 32/78	1.6	1.1	0.1	0		NA
18	A0131	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI178830	1.8	0.92	0	0.0		NA
19	A0140	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Switzerland	PI246333	1.9	0.9	0.05	0.0	(2)	NA
20	A0127	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI176419	1.9	0.86	0	0.3		NA
21	A0193	<i>A. graveolens</i>	<i>dulce</i>	Celery	Michigan State Univ.	71-28. S.	2.0	1.0	0	0.0	Bolting resistant?	NA
22	A0112	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI169001	2.0	0.9	0	0.0	(2)	NA
23	A0136	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Ethiopia	PI193454	2.0	0.8	0.1	0.0	(2)	NA
24	A0212	<i>A. graveolens</i>	<i>dulce</i>	Celery	Clause, France	Verdon, 00826-5	2.0	1.0	0.1	0.0		NA
25	A0252	<i>A. graveolens</i>	<i>secalinum?</i>	Chinese celery, "typical local type"	China, PRC	PI478318	2.0	0.62	0.2	0.0		NA
26	A0367	<i>A. graveolens</i>	<i>dulce</i>	Celery	Rijk Zwaan, CA	<i>Tioga</i> , 49-12	2.0	0.9	0.1	0.2		NA
27	UC040A	<i>A. graveolens</i>	<i>dulce X rapaceum</i>	Celery	UC Davis: Quiros/D'Antonio		2.1	0.74	0.2	0.0	<i>Foa</i> race 2-resistant	NA
28	A0027	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Yugoslavia	PI357333, Kocanski	2.1	0.87	0.1	0.0		NA
29	A0119	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Turkey	PI169008	2.2	0.72	0.1	0.2		NA
30	A0128	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI176869	2.2	0.6	0.2	0.3	(2)	NA
31	A0206	<i>A. graveolens</i>	<i>dulce</i>	Celery	Clause, France	D'Elne race IseI, 00822-5	2.3	0.8	0	0.0	(2)	NA
32	A0362	<i>A. graveolens</i>	<i>dulce</i>	Celery	Macedonia, Yugoslavia	PI 357336, Birolski, 72GI	2.3	0.8	0.1	0.0		NA
33	A0104	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Turkey	PI167075	2.3	0.9	0	0.2		NA
34	A0001	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI175591	2.4	0.79	0.2	0.0		NA
35	A0146	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Austria	PI261810	2.4	0.71	0	0.0		NA
36	A0116	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI169005	2.4	0.74	0	0.2		NA
37	UC136VF	<i>A. graveolens</i>	<i>dulce</i>	Celery	UC Davis: Quiros/D'Antonio		2.5	0.73	0.3	0.0	<i>Foa</i> race 2-resistant	NA
38	A0169	<i>A. graveolens</i>	<i>rapaceum?</i>	Celeriac	Gatersleben, East Germany	API 37/81	2.5	0.89	0	0.0		NA
39	A0288	<i>A. graveolens</i>	<i>dulce</i>	Celery	Royal Sluis	<i>Starlet</i>	2.5	1	0.2	0.0		NA
40	A0360	<i>A. graveolens</i>	<i>dulce</i>	Celery	Macedonia, Yugoslavia	PI 357330, Ohridski, 71GI	2.6	0.9	0.1	0.0	fennel-type leaves	NA
41	A0364	<i>Apium sp.</i>	NA	unknown	China	PI478368 85AI, O 58	2.6	0.7	0.2	0.0	cilantro-type leaves	NA
42	A0210	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Clause, France	Naxos	2.6	0.69	0.2	0.0	(2)	NA
43	A0009	<i>A. graveolens</i>	<i>dulce</i>	Celery	Australia	PI234596, South Australian White	2.6	0.74	0.2	0.0		NA
44	A0121	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI171498	2.6	0.83	0.1	0.0		NA

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2	UCD #	<i>Apium sp.</i>	<i>A. graveolens</i> var.	Crop	Origin or Source	USDA PI, other ID, <i>Cultivar</i>	Avg. vascular discoloration rating of <i>Foa</i> race 4-treated, 0 (none) to 5 (dead)	Fraction of height of <i>Foa</i> race 4-treated/ controls, excluding dead plants	Fraction of <i>Foa</i> race 4 plants that died	Avg. vascular discoloration rating of controls, 0 (none) to 5	(No. of greenhouse trials if >1), Phenotype or genotype notes	Notes on phenotype(s) in <i>Foa</i> -race 4 infested field(s) ^b
45	A0299	<i>A. graveolens</i>	<i>dulce</i>	Celery	A. L. Tozer, LTD, England	Fenlander, 37/267	2.6	1.1	0.3	0.0		NA
46	A0331	<i>A. graveolens</i>	<i>dulce</i>	Celery	Stokes Seeds	<i>Sabroso</i>	2.6	0.9	0.1	0.1	(2), <i>Foa</i> race 2-resistant	NA
47	A0250	<i>A. graveolens</i>	<i>dulce</i>	Celery	China, PRC	PI478316	2.6	0.69	0.3	0.2		NA
48	A0187	<i>A. graveolens</i>	<i>dulce</i>	Celery	Asmer Seeds	Hopkings Fenlander	2.7	1	0.1	0.0	(2)	NA
49	A0285	<i>A. graveolens</i>	<i>dulce</i>	Celery	Pybas Seeds, CA	<i>Picador</i>	2.7	1	0.15	0.0	(2)	NA
50	A0274	<i>A. graveolens</i>	<i>dulce</i>	Celery	Stokes Seeds	<i>Plum</i>	2.7	0.8	0.2	0.0		NA
51	A0365	<i>A. graveolens</i>	<i>dulce</i>	Celery	Poland	PI 662475, Seler odm. Globus No.1, 95CI	2.7	0.7	0	0.0		NA
52	A0137	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Ethiopia	PI193564	2.7	0.84	0.3	0.8		NA
53	A0019	<i>A. graveolens</i>	<i>dulce</i>	Celery	Yugoslavia	PI357325, <i>Mesten</i>	2.8	1	0	0.0	(2)	NA
54	A0248	<i>A. graveolens</i>	<i>dulce</i>	Celery	China, PRC	PI478314	2.8	0.58	0.4	0.0		NA
55	A0286	<i>A. graveolens</i>	<i>dulce</i>	Celery	Pybas Seeds, CA	<i>Matador</i>	2.8	0.8	0.1	0.0		NA
56	A0344	<i>A. graveolens</i>	<i>dulce</i>	Celery	Kazakhstan	PI662488, Alma-Ata. G 30617	2.8	0.95	0.1	0.0		NA
57	UC390S-2	<i>A. graveolens</i>	<i>dulce</i>	Celery	UC Davis: Quiros/D'Antonio	<i>Foa</i> race 2-resistant	2.9	0.72	0.05	0.0	(2), <i>Foa</i> race 2-resistant	NA
58	A0195	<i>A. graveolens</i>	<i>dulce</i>	Celery	Michigan State Univ.	<i>G. Spartan</i> x <i>Festival</i> , '68, F4, 84-W-5. S	2.9	0.95	0.1	0.0	(2)	NA
59	A0020	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Yugoslavia	PI357326, Stevi Nikolski	2.9	1.12	0	0.0		NA
60	A0051	<i>A. graveolens</i>	<i>dulce</i>	Celery	Turkey	PI174051	2.9	0.69	0.3	0.0		NA
61	A0328	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Grit Glawe, Rijk Zwaan, Netherlands	President, 11R.901,1005,delad R-sel,Zaad, 06.865	2.9	0.99	0.1	0.0		NA
62	A0133	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI179171	3.0	0.82	0.1	0.0		NA
63	A0192	<i>A. graveolens</i>	<i>dulce</i>	Celery	Michigan State Univ.	74-70. S.	3.1	1.2	0.2	0.0	Bolting resistant?	NA
64	A0080	<i>A. graveolens</i>	<i>dulce</i>	Celery	Gatersleben, East Germany	<i>Tall Utah</i> 52-70, API 44/82	3.1	0.6	0.1	0.0		NA
65	A0208	<i>A. graveolens</i>	<i>dulce</i>	Celery	Clause, France	Leopage race Aris, 818-5	3.1	1.2	0.4	0.0		NA
66	A0298	<i>A. graveolens</i>	<i>dulce</i>	Celery	New Dwarf White, A. L. Tozer, LTD, England	37/316	3.1	0.7	0.2	0.0		NA
67	A0352	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Moldova	PI506434	3.1	0.8	0	0.0		NA
68	A0322	<i>A. graveolens</i>	<i>dulce</i>	Celery	Command, Pybas Seeds, CA	<i>Command</i>	3.1	0.8	0.1	0.1	(3), Partially <i>Foa</i> race 2-resistant	Susceptible to <i>Foa</i> race 4
69	A0173	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Poland	Non Plus Ultra	3.1	0.59	0	0.1		NA
70	A0233	<i>A. graveolens</i>	<i>dulce</i>	Celery	Sunseeds	<i>Tall Utah</i> 52-75	3.2	0.9	0.3	0	(2); Susceptible to <i>Foa</i> race 2	NA

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71	A0320	<i>A. graveolens</i>	<i>dulce</i>	celery	David Clark, Pukekohe, New	green #12	3.2	0.9	0.1	0.0	Slow bolting	NA
72	A0231	<i>A. graveolens</i>	<i>dulce</i>	Celery	Antle		3.2	0.7	0.3	0.0	(2)	NA
73	A0238	<i>A. graveolens</i>	<i>dulce</i>	Celery	Honma, Michigan State Univ.	<i>Pilgram</i> , MSU 68-37	3.2	0.6	0.1	0.0	(2)	NA
74	A0243	<i>A. graveolens</i>	<i>dulce</i>	Celery	Pakistan	PI445838	3.2	0.5	0.2	0.0	(2)	NA
75	A0018	<i>A. graveolens</i>	<i>dulce</i>	Celery	Turkey	PI344267	3.2	0.67	0.3	0.0		NA
76	A0040	<i>A. graveolens</i>	<i>dulce</i>	Celery	Keystone	<i>Tall Utah 52-70 R Improved</i>	3.3	0.6	0.2	0.0	(2) Susceptible to <i>Foa</i> race 2	NA
77	A0002	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI176870	3.3	0.59	0.1	0.0		NA
78	A0213	<i>A. graveolens</i>	<i>dulce</i>	Celery	Bejo - Zaden, Holland	<i>Triumph</i> , SBLDIVG	3.3	1.0	0.3	0.0		NA
79	A0323	<i>A. graveolens</i>	<i>dulce</i>	Celery	Pybas Seeds, CA		3.3	0.9	0.2	0.0		NA
80	A0297	<i>A. graveolens</i>	<i>dulce</i>	Celery	A. L. Tozer, LTD, England	Moonbeam, 37/276,	3.4	0.9	0.3	0.0	(2)	NA
81	A0092	<i>A. graveolens</i>	<i>dulce</i>	Celery	Royal Sluis, Holland	<i>Giant Pascal</i> , 165.700	3.4	0.75	0.1	0.0		NA
82	A0295	<i>A. graveolens</i>	<i>dulce</i>	Celery	A. L. Tozer, LTD, England	Utah 1 Strain, 37/317	3.4	1.1	0.3	0.0		NA
83	A0324	<i>A. graveolens</i>	<i>dulce</i>	Celery	Grit Glawe, Rijk Zwaan, Netherlands	Artur, 11R.901,1001,delad R-sel,Zaad, Mo.9523	3.4	0.8	0.2	0.0		NA
84	A0109	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Turkey	PI168998	3.5	1.41	0.4	0.0		NA
85	A0132	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Turkey	PI178834	3.5	0.61	0.2	0.0		NA
86	A0301	<i>A. graveolens</i>	<i>dulce</i>	Celery		<i>Florida Slobolt</i> , M 68	3.5	0.8	0.3	0.0		NA
87	A0343	<i>A. graveolens</i>	<i>dulce</i>	Celery	Poland	PI662485, Odrzanski Nr1	3.5	0.7	0	0.0		NA
88	A0351	<i>A. graveolens</i>	<i>dulce</i>	Celery		PI662513, <i>Tall Fordhook</i>	3.5	0.6	0	0.0		NA
89	A0160	<i>A. panul</i>	NA	Wild	Valle de Marga-Marga, Valparaiso		3.5	.	0.4	5.0		NA
90	A0061	<i>A. graveolens</i>	<i>dulce</i>	Celery	Orton? Diablo Creek, CA		3.6	0.64	0.1	0.0	Presumably feral	NA
91	A0014	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Hungary	PI320912, <i>Hegyko</i>	3.6	0.45	0.1	0.0		NA
92	A0088	<i>A. graveolens</i>	<i>dulce</i>	Celery	Cornell Univ., Plant Breeding Dept.	<i>Emerson Pascal</i> , 79-84, H	3.6	0.4	0.1	0.0		NA
93	A0107	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Turkey	PI168996	3.6	0.79	0.1	0.0		NA
94	A0108	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Turkey	PI168997	3.6	0.74	0.3	0.0		NA
95	A0122	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI171499	3.6	0.67	0.3	0.0		NA
96	A0207	<i>A. graveolens</i>	<i>dulce</i>	Celery	Clause, France	Grand dore ameliore Superdora, 837-5	3.6	1.4	0.3	0.0		NA

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97	A0230	<i>A. prostratum</i> var. <i>filiforme</i>	NA	Wild	Victoria, Australia	Short 2434	3.6	0.7	0.1	0.0		NA
98	A0237	<i>A. graveolens</i>	<i>dulce</i>	Celery	Honma, Michigan State Univ.	<i>Companion</i> , MSU 71-605	3.6	0.8	0.4	0.0		NA
99	A0335	<i>A. graveolens</i>	<i>dulce</i>	Celery	Poland	PI662477, Globus Nr2/LRN 734/	3.6	0.6	0.1	0.0		NA
100	A0361	<i>A. graveolens</i>	<i>dulce</i>	Celery	Macedonia, Yugoslavia	PI 357335, Debarski, 72GI	3.6	0.7	0.2	0.0		NA
101	A0012	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Poland	PI285546, Jablkowy	3.6	0.88	0.3	0.3		NA
102	A0097	<i>A. graveolens</i>	<i>dulce</i>	Celery	Royal Sluis, Holland	Vert D' Elne, 165.93O	3.7	0.4	0.2	0.0		NA
103	A0354	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	France	PI662516, Albus	3.7	0.7	0.1	0.0		NA
104	A0052	<i>A. graveolens</i>	<i>dulce</i>	Celery	Turkey	PI175593	3.8	0.41	0.2	0.0		NA
105	A0078	<i>A. graveolens</i>	<i>dulce</i>	Celery	Inner Mongolia, China	Orton 035	3.8	0.44	0.2	0.0		NA
106	A0240	<i>A. graveolens</i>	<i>dulce</i>	Celery	China, PRC	PI418955	3.8	0.67	0.5	0.0		NA
107	A0341	<i>A. graveolens</i>	<i>dulce</i>	Celery	Poland	PI662483, Odrzanski, LMB 16 Nr1	3.8	0.9	0.4	0.0		NA
108	A0347	<i>A. graveolens</i>	<i>dulce</i>	Celery		PI662508, S48-54-1	3.8	0.5	0	0.0		NA
109	A0150	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Gatersleben, East Germany	Dresdener Market, Endo 240	3.8	0.55	0.2	0.2		NA
110	A0031	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Yugoslavia	PI379084, Skopski	3.8	0.7	0.1	0		NA
111	A0114	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI169003	3.9	0.64	0.3	0.0		NA
112	A0236	<i>A. graveolens</i>	<i>dulce</i>	Celery	Honma, Michigan State Univ.	<i>Advantage</i> , MSU 79-57	3.9	0.8	0.5	0.0		NA
113	A0293	<i>A. graveolens</i>	<i>dulce</i>	Celery	A. L. Tozer, LTD, England	Victoria, 37/338	3.9	0.8	0.5	0.0		NA
114	UC12A45	<i>A. graveolens</i>	<i>dulce</i>	Celery	UC Davis: Quiros/D'Antonio		4.0	0.71	0.4	0.0	(2), <i>Foa</i> race 2-resistant	NA
115	A0013	<i>A. graveolens</i>	<i>dulce</i>	Celery	Australia	PI289691, <i>South Australian White</i>	4.0	0.6	0.35	0.0	(2)	NA
116	A0110	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Turkey	PI168999	4.0	0.62	0.4	0.0		NA
117	A0180	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Instituto Del Germoplasma, Italy	200239	4.0	0.48	0.2	0.0		NA
118	A0255	<i>A. graveolens</i>	<i>dulce</i>	Celery	Harris - Moran Seeds	<i>Calmaro</i>	4.0	0.9	0.5	0.0		NA
119	A0296	<i>A. graveolens</i>	<i>dulce</i>	Celery	A. L. Tozer, LTD, England	<i>Ivory Tower</i> , 37/286	4.0	1.2	0.5	0.0		NA
120	A0350	<i>A. graveolens</i>	<i>dulce</i>	Celery	US	PI662512, <i>Glademaster</i> , 136	4.0	0.7	0.2	0.0		NA

	A	B	C	D	E	F	G	H	I	J	K	L
2	UCD #	<i>Apium sp.</i>	<i>A. graveolens</i> var.	Crop	Origin or Source	USDA PI, other ID, <i>Cultivar</i>	Avg. vascular discoloration rating of <i>Foa</i> race 4-treated, 0 (none) to 5 (dead)	Fraction of height of <i>Foa</i> race 4-treated/ controls, excluding dead plants	Fraction of <i>Foa</i> race 4 plants that died	Avg. vascular discoloration rating of controls, 0 (none) to 5	(No. of greenhouse trials if >1), Phenotype or genotype notes	Notes on phenotype(s) in <i>Foa</i> -race 4 infested field(s) ^b
121	A0363	<i>A. graveolens</i>	<i>dulce</i>	Celery	Macedonia, Yugoslavia	PI 370468, <i>Resenski</i> , 10GI	4.0	0.6	0.3	0.0		NA
122	A0063	<i>A. graveolens</i>	<i>dulce</i>	Celery	Lower San Luis Obispo Creek		4.1	0.3	0.2	0.0	Presumably feral	NA
123	A0153	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Germany	Nerez, API 36/75	4.1	0.6	0.4	0.0	(2)	NA
124	A0294	<i>A. graveolens</i>	<i>dulce</i>	Celery	A. L. Tozer, LTD, England	<i>Lanthom Blanching</i> , 37/373	4.1	1.3	0.6	0.0		NA
125	A0349	<i>A. graveolens</i>	<i>dulce</i>	Celery	US	PI662511, <i>Beacon</i>	4.1	0.6	0.5	0.0		NA
126	A0023	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Yugoslavia	PI357329, <i>Priepski</i>	4.2	0.6	0.5	0.0		NA
127	A0028	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Yugoslavia	PI377335, <i>Debarski</i>	4.2	0.26	0.3	0.0		NA
128	A0068	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	China	Orton 018	4.2	0.53	0.4	0.0		NA
129	A0125	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI174054	4.2	0.74	0.3	0.0		NA
130	A0145	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Belgium	PI261756	4.2	0.31	0.2	0.0		NA
131	A0339	<i>A. graveolens</i>	<i>dulce</i>	Celery	Poland	PI662481, Jabtkowy Nr 2 LD 746	4.2	0.7	0.5	0.0		NA
132	A0340	<i>A. graveolens</i>	<i>dulce</i>	Celery	Poland	PI662482, Non Plus Ultra Nr1	4.2	0.7	0.2	0.0		NA
133	A0321	<i>A. graveolens</i>	<i>dulce</i>	Celery	Pybas Seeds, CA	<i>Challenger</i>	4.2	0.8	0.5	0.0	(16)	Susceptible to <i>Foa</i> race 4; resistant to <i>Foa</i> race 2
134	A0241	<i>A. graveolens</i>	<i>dulce</i>	Celery	China, PRC	PI419122	4.2	0.64	0.6	0.2		NA
135	A0006	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Iran	PI223333	4.2	0.44	0.2	2.0		NA
136	A0032	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Yugoslavia	PI379085, <i>Nereski</i>	4.3	0.3	0.3	0.0		NA
137	A0095	<i>A. graveolens</i>	<i>dulce</i>	Celery	Royal Sluis, Holland	Vert de Villeneuve, 165.950	4.3	0.4	0.4	0.0		NA
138	A0135	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Egypt	PI183210	4.3	0.53	0.5	0.0		NA
139	A0326	<i>A. graveolens</i>	<i>dulce</i>	Celery	Grit Glawe, Rijk Zwaan, Netherlands	Imperial, 11R.901,1003,delad R-sel,Zaad, Mo.10511	4.3	0.7	0.6	0.0		NA
140	A0029	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Yugoslavia	PI377336, <i>Bitolski</i>	4.3	0.49	0.3	0.2		NA
141	A0291	<i>A. graveolens</i>	?		Portugal		4.3	0.71	0.3	0.2		NA
142	A0007	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Iran	PI226624	4.3	0.7	0.4	0.2		NA
143	A0036	<i>A. graveolens</i>	<i>dulce</i>	Celery	Ferry - Morse	<i>Tendercrisp</i>	4.4	0.45	0.4	0.0	(2)	NA
144	A0069	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Oso Flaco / Lettuce Lake, San Luis Obispo Co., CA		4.4	0.58	0.5	0.0	Feral?	NA
145	A0190	<i>A. graveolens</i>	<i>dulce</i>	Celery	Michigan State Univ.	K-4. S.	4.4	0.8	0.6	0.0	Bolting resistant?	NA
146	A0035	<i>A. graveolens</i>	<i>dulce</i>	Celery	Ferry - Morse	<i>Transgreen</i>	4.4	0.7	0.4	0.0	(2)	NA

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2	UCD #	<i>Apium sp.</i>	<i>A. graveolens</i> var.	Crop	Origin or Source	USDA PI, other ID, <i>Cultivar</i>	Avg. vascular discoloration rating of <i>Foa</i> race 4-treated, 0 (none) to 5 (dead)	Fraction of height of <i>Foa</i> race 4-treated/ controls, excluding dead plants	Fraction of <i>Foa</i> race 4 plants that died	Avg. vascular discoloration rating of controls, 0 (none) to 5	(No. of greenhouse trials if >1), Phenotype or genotype notes	Notes on phenotype(s) in <i>Foa</i> -race 4 infested field(s) ^b
147	A0038	<i>A. graveolens</i>	<i>dulce</i>	Celery	Keystone	Florida 2-14	4.4	0.43	0.6	0.0		NA
148	A0101	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI120875	4.4	0.62	0.5	0.0		NA
149	A0149	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Gatersleben, East Germany	Cera, API K2360	4.4	0.31	0.4	0.0		NA
150	A0158	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Harris Seed Co.	<i>Marble Ball</i>	4.4	0.41	0.4	0.0		NA
151	A0060	<i>A. graveolens</i>	<i>dulce</i>	Celery	Takii Seed Co.	Hybrid Celery No. 43	4.4	0.2	0.4	0.2		NA
152	A0043	<i>A. graveolens</i>	<i>dulce</i>	Celery	Keystone	<i>Florimart 19</i>	4.5	0.5	0.5	0.0		NA
153	A0076	<i>A. graveolens</i>	<i>dulce</i>	Celery	Moran Seeds	<i>Deacon</i>	4.5	.	0.6	0.0		NA
154	A0113	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Turkey	PI169002	4.5	0.48	0.7	0.0		NA
155	A0151	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Gatersleben, East Germany	<i>Eureka</i> , API K2359	4.5	0.24	0.5	0.0		NA
156	A0154	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Gatersleben, East Germany	Olomoucky, API 12/75	4.5	0.28	0.5	0.0		NA
157	A0170	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Gatersleben, East Germany	Znolse Krul, API 28/76	4.5	0.2	0.5	0.0		NA
158	A0260	<i>A. graveolens</i>	<i>dulce</i>	Celery	China	Bai miao qin	4.5	0.72	0.9	0.0		NA
159	A0325	<i>A. graveolens</i>	<i>dulce</i>	Celery	Zwaan, Netherlands	Kylian, 11R.901,1002,delad R-sel,Zaad, Mo.9521	4.5	0.6	0.7	0.0		NA
160	A0330	<i>A. graveolens</i>	<i>dulce</i>	Celery	Univ., Dept. of		4.5	0.33	0.5	0.0		NA
161	A0336	<i>A. graveolens</i>	<i>dulce</i>	Celery	Poland	PI662478, Jabtkowy Nr 1	4.5	0.5	0.6	0.0		NA
162	A0115	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI169004	4.5	0.71	0.7	0.2		NA
163	A0183	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Austria	<i>Spezial</i> 3095	4.5	0.43	0.5	0.2		NA
164	A0030	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Yugoslavia	PI379083, Injilanski	4.5	0.34	0.5	0.6		NA
165	A0182	<i>A. graveolens</i>	<i>dulce</i>	Celery	China	Orton 049	4.5	0.64	0.7	1.0	Local land race	NA
166	A0046	<i>A. graveolens</i>	<i>dulce</i>	Celery	Harris Seed	Summer Pascal, 378	4.6	0.6	0.7	0.0		NA
167	A0062	<i>A. graveolens</i>	<i>secalinum</i> ?	Celery Spice			4.6	0.57	0.6	0.0		NA
168	A0138	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Turkey	PI204557	4.6	0.61	0.7	0.0		NA
169	A0144	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Turkey	PI261001	4.6	0.66	0.8	0.0		NA
170	A0155	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Gatersleben, East Germany	Pomona, API 30/76	4.6	0.28	0.7	0.0		NA
171	A0167	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Gatersleben, East Germany	Saxa,Stamm Vatter	4.6	0.19	0.6	0.0		NA
172	A0174	<i>A. graveolens</i>	<i>dulce</i>	Celery	Instituto Del Germoplasma, Italy	200069	4.6	0.8	0.7	0.0		NA
173	A0186	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Royal Sluis, Holland	Zwinjndre Zwindra, 165.450	4.6	0.4	0.6	0.0		NA
174	A0220	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Res. Inst. Plant Prod. Div. Genet.	Maxima	4.6	0.62	0.6	0.0		NA
175	A0222	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Res. Inst. Plant Prod. Div. Genet.	Apia	4.6	0.16	0.6	0.0		NA

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2	UCD #	<i>Apium sp.</i>	<i>A. graveolens</i> var.	Crop	Origin or Source	USDA PI, other ID, <i>Cultivar</i>	Avg. vascular discoloration rating of <i>Foa</i> race 4-treated, 0 (none) to 5 (dead)	Fraction of height of <i>Foa</i> race 4-treated/ controls, excluding dead plants	Fraction of <i>Foa</i> race 4 plants that died	Avg. vascular discoloration rating of controls, 0 (none) to 5	(No. of greenhouse trials if >1), Phenotype or genotype notes	Notes on phenotype(s) in <i>Foa</i> -race 4 infested field(s) ^b
176	A0246	<i>A. graveolens</i>	<i>secalinum?</i>	Chinese celery, "local type"	China, PRC	PI478312	4.6	0.49	0.7	0.0		NA
177	A0249	<i>A. graveolens</i>	<i>secalinum?</i>	Chinese celery, "local type"	China, PRC	PI478315	4.6	0.72	0.8	0.0		NA
178	A0334	<i>A. graveolens</i>	<i>dulce</i>	Celery	Poland	PI662476, Globus LRN 734	4.6	0.5	0.6	0.0		NA
179	A0218	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Nunhems Zaden - Holland	Monarch	4.6	0.34	0.6	0.4		NA
180	A0015	<i>A. graveolens</i>	<i>secalinum</i>	Annual Smallage	Taiwan	PI320994, Hainan	4.6	0.53	0.8	0.6		NA
181	A0041	<i>A. graveolens</i>	<i>dulce</i>	Celery	Keystone	<i>Tall Utah 52-70 HK</i>	4.6	0.3	0.6	0.6		NA
182	A0089	<i>A. chilense</i>	NA		Leningrad, USSR	Gribovsky, WIR 761 N.	4.6	0.37	0.6	0.6		NA
183	A0217	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Nunhems Zaden - Holland	Alba	4.6	0.22	0.6	0.6		NA
184	A0039	<i>A. graveolens</i>	<i>dulce</i>	Celery	Keystone	Florida 683 K, (2)	4.7	0.6	0.8	0.0	(2)	NA
185	A0203	<i>A. graveolens</i>	<i>dulce X rapaceum</i>	Celery x Celeriac	Veg Crops, UC Davis	<i>UC1</i>	4.7	0.7	0.6	0.0	(2) <i>Foa</i> race 2-resistant breeding line	NA
186	A0202	<i>A. graveolens</i>	<i>dulce X rapaceum</i>	Celery x Celeriac	Michigan State Univ.	68-37. S.	4.7	0.4	0.7	0.0	(2), Fusarium (presumably race 2)-resistant	NA
187	A0045	<i>A. graveolens</i>	<i>dulce</i>	Celery	Harris Seed	<i>Tall Green Light</i> , 370	4.7	0.6	0.8	0.0	(2)	NA
188	A0004	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Iran	PI222702	4.7	0.54	0.7	0.0		NA
189	A0037	<i>A. graveolens</i>	<i>dulce</i>	Celery	Ferry - Morse	<i>Surepak</i>	4.7	0.7	0.8	0.0		NA
190	A0247	<i>A. graveolens</i>	<i>secalinum?</i>	Chinese celery, "local type"	China, PRC	PI478313	4.7	0.38	0.8	0.0		NA
191	A0067	<i>A. graveolens</i>	<i>dulce</i>	Celery	Casmalia, CA		4.7	0.41	0.7	1.0	Presumably feral	NA
192	A0179	<i>A. graveolens</i>	<i>dulce</i>	Celery	Instituto Del Germoplasma, Italy	200203	4.8	0.3	0.8	0.0	(2)	NA
193	A0318	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Rijk Zwaan, Holland	Genotype 1	4.8	0.22	0.8	0.0	Virus resistant	NA
194	A0319	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Rijk Zwaan, Holland	Genotype 2	4.8	0.31	0.8	0.0	Virus resistant	NA
195	A0197	<i>A. graveolens</i>	<i>dulce</i>	Celery	Michigan State Univ.	84-804. S.	4.8	0.6	0.9	0.0	Some Septoria resistance	NA
196	A0011	<i>A. graveolens</i>	<i>dulce</i>	Celery	Spain	PI257279	4.8	0.4	0.8	0.0	(2)	NA
197	A0025	<i>A. graveolens</i>	<i>dulce</i>	Celery?	Yugoslavia	PI357331, Listen	4.8	0.63	0.8	0.0		NA
198	A0055	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	E. Germany,ZGK, Gatersleben	Bleichsellerie, API 51/76	4.8	0.43	0.8	0.0		NA

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199	A0077	<i>A. graveolens</i>	<i>dulce</i>	Celery	Moran Seeds	<i>Bishop</i>	4.8	.	0.8	0.0		NA
200	A0142	<i>A. graveolens</i>	<i>secalinum</i>	Annual Smallage	Thailand	PI257227	4.8	0.25	0.8	0.0		NA
201	A0184	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Austria	Waveren's Volltreff, 3096	4.8	0.19	0.8	0.0		NA
202	A0225	<i>A. graveolens</i>	<i>dulce</i>	Celery	China, PRC	PI478314	4.8	0.69	0.8	0.0		NA
203	A0253	<i>A. graveolens</i>	<i>dulce</i>	Celery	China, PRC	PI478319	4.8	0.24	0.8	0.0		NA
204	A0074	<i>A. graveolens</i>	<i>dulce</i>	Celery	Ferry - Morse	<i>Summit</i>	4.8	0.3	0.8	0.2		NA
205	A0148	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Gatersleben, East Germany	Alabaster, API 19/74	4.8	0.3	0.8	0.2		NA
206	A0016	<i>A. graveolens</i>	<i>secalinum</i>	Annual Smallage	Taiwan	PI320995, <i>Huang Hsin Late</i>	4.8	0.4	0.8	0.6		NA
207	A0152	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Gatersleben, East Germany	Magdaburger Market, API 22/75	4.8	0.27	0.8	0.6		NA
208	A0066	<i>A. graveolens</i>	<i>dulce</i>	Celery	Upper San Luis Obispo, CA		4.9	0.23	0.9	0.0	Wild; feral?	NA
209	A0065	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Canada de Honda		4.9	0.25	0.9	0.0	Wild, 9 plants	NA
210	A0303	<i>A. graveolens</i>	<i>dulce</i>	Celery	China		4.9	0.3	0.95	0.0	(2), Bolting resistant	NA
211	A0005	<i>A. graveolens</i>	<i>dulce</i>	Celery	Iran	PI222967	4.9	0.3	0.9	0.0	(2)	NA
212	A0073	<i>A. chilense</i>	NA		So. coast of Valparaiso, Chile	Otto Zolne	4.9	0.58	0.9	0.0		NA
213	A0242	<i>A. graveolens</i>	<i>dulce</i>	Celery	China, PRC	PI436540	4.9	0.3	0.9	0.0		NA
214	A0244	<i>A. graveolens</i>	<i>dulce</i>	Celery	China, PRC	PI446891, Giant Celery	4.9	0.17	0.9	0.0		NA
215	A0245	<i>A. graveolens</i>	<i>secalinum?</i>	Chinese celery, "local type"	China, PRC	PI478311	4.9	0.43	0.9	0.0		NA
216	A0348	<i>A. graveolens</i>	<i>dulce</i>	Celery	US	PI662509, <i>Tall Green Light</i>	4.9	0.7	0.9	0.0		NA
217	A0185	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Austria	Wienen Riesen, 163	4.9	0.66	0.9	0.4		NA
218	A0211	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Clause, France	Neve, 00920-5	4.9	0.24	0.9	0.6		NA
219	A0215	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Bejo - Zaden, Holland	Nemona, SKNNEMG	4.9	0.22	0.9	0.6		NA
220	A0157	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Asmer Seeds, LTD.	Balder, Endo 204	4.9	0.2	0.9	0.8		NA
221	A0024	<i>A. graveolens</i>	<i>dulce</i>	Celery	China	Orton 02	5.0	All dead	1	0.0	Winter Celery	NA
222	A0044	<i>A. graveolens</i>	<i>dulce</i>	Celery	China	Orton 03	5.0	All dead	1	0.0	Summer Celery	NA
223	A0200	<i>A. graveolens</i>	<i>dulce X rapaceum</i>	Celery x Celeriac	Michigan State Univ.	81-602. S.	5.0	All dead	1	0.0	Cercospora resistant	NA
224	A0201	<i>A. graveolens</i>	<i>dulce X rapaceum</i>	Celery x Celeriac	Michigan State Univ.	81-606. S.	5.0	All dead	1	0.0	Cercospora resistant	NA

	A	B	C	D	E	F	G	H	I	J	K	L
2	UCD #	<i>Apium sp.</i>	<i>A. graveolens</i> var.	Crop	Origin or Source	USDA PI, other ID, <i>Cultivar</i>	Avg. vascular discoloration rating of <i>Foa</i> race 4-treated, 0 (none) to 5 (dead)	Fraction of height of <i>Foa</i> race 4-treated/ controls, excluding dead plants	Fraction of <i>Foa</i> race 4 plants that died	Avg. vascular discoloration rating of controls, 0 (none) to 5	(No. of greenhouse trials if >1), Phenotype or genotype notes	Notes on phenotype(s) in <i>Foa</i> -race 4 infested field(s) ^b
225	A0199	<i>A. graveolens</i>	<i>dulce</i> X <i>rapaceum</i>	Celery x Celeriac	Michigan State Univ.	83-605. S.	5.0	All dead	1	0.0	(2), <i>Cercospora</i> resistant	NA
226	A0017	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Taiwan	PI320996, Huang Hsin Medium Late	5.0	All dead	1	0.0		NA
227	A0049	<i>A. graveolens</i>	<i>dulce</i>	Celery	Asmer Seeds, LTD.	Cluseed <i>Lathom Self Blanching</i>	5.0	All dead	1	0.0		NA
228	A0075	<i>A. graveolens</i>	<i>dulce</i>	Celery	Ferry - Morse	15C-72	5.0	All dead	1	0.0		NA
229	A0090	<i>A. chilense</i>	NA		Moscow Regin, USSR	Jablochnyi, WIR 686 N.	5.0	All dead	1	0.0		NA
230	A0091	<i>A. graveolens</i>	<i>dulce</i>	Celery	Asmer Seeds	<i>Golden Spartan</i> , 38500857	5.0	All dead	1	0.0		NA
231	A0111	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Turkey	PI169000.	5.0	All dead	1	0.0		NA
232	A0168	<i>A. graveolens</i>	<i>rapaceum?</i>	Celeriac	Gatersleben, East Germany	API 3/75	5.0	All dead	1	0.0		NA
233	A0177	<i>A. graveolens</i>	?	?	Germoplasma, Italy	200099	5.0	All dead	1	0.0		NA
234	A0181	<i>A. graveolens</i>	<i>dulce</i>	Celery	Germoplasma, Italy	200312	5.0	All dead	1	0.0		NA
235	A0209	<i>A. graveolens</i>	<i>dulce</i>	Celery	Clause, France	Lepage race Istar, 00819-5	5.0	All dead	1	0.0		NA
236	A0254	<i>A. graveolens</i>	<i>dulce</i>	Celery	(Brendler)		5.0	All dead	1	0.0		NA
237	A0327	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Grit Glawe, Rijk Zwaan, Netherlands	Cisko, 11R.901,1004,delad R-sel,Zaad, 06.863	5.0	All dead	1	0.0		NA
238	A0346	<i>A. graveolens</i>	<i>dulce</i>	Celery	US	PI662505, Penn H-46	5.0	All dead	1	0.0		NA
239	A0156	<i>A. graveolens</i>	<i>rapaceum</i>	Celeriac	Gatersleben, East Germany	Weiner Market, Endo 252	5.0	All dead	1	0.2		NA
240	A0356	<i>Apium spp.</i>	NA	unknown	China	PI662486, G 29910	5.0	All dead	1	0.2		NA
241	A0171	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Gatersleben, East Germany	API 13/78, A Couper	5.0	All dead	1	0.4		NA
242	A0064	<i>A. graveolens</i>	<i>secalinum</i>	Smallage	Creek, CA, 12 plants		5.0	All dead	1	0.6	Wild, 12 plants	NA
243	A0345	<i>A. graveolens</i>	<i>dulce</i>	Celery	Michigan	PI662499, Delmar	5.0	All dead	1	0.6		NA
244	A0229	<i>A. annuum</i>	NA		Western Australia	Short 2203	5.0	All dead	1	0.8		NA
245	A0359	<i>A. graveolens</i>	<i>dulce</i>	Celery	Bruce Schreur, Schreur Farms, Hudsonville, MI	<i>CR-1</i>	5	All dead	1	0	Resistant to <i>Fusarium</i> (presumably race 2)	NA
246	*Ten and five plants were assayed per trial for the race 4-infested and the uninfested controls, respectively. The assay is described in Kaur et al. (2022).											
247	^b NA, not applicable, i.e., did not test in a field trial(s).											
248	^c Used as parent for a cross with Challenger, as shown in this paper.											