

CHECK CULTIVARS

	Approximate Average Severity Index (ASI)/Isolate		
	W3	GR1	L3
Resistant			
Florida 77	2.6	4.2	4.8
Alfagraze	2.7	4.2	4.7
Wrangler	2.8	4.2	4.8
Susceptible			
Saranac	4.5	5.0	5.0
Approximate Expected Resistance (%)/Isolate			
	W3	GR1	L3
Resistant			
Florida 77	55	0	1
Alfagraze	42	0	0
Wrangler	43	0	0
Susceptible			
Saranac	0	0	0
Acceptable Range of Resistance			
	W3		
Resistant			
Florida 77		45-65	
Alfagraze		32-52	
Wrangler		33-55	
Susceptible			
Saranac		0-5	

CORRELATION TO FIELD REACTION

Because the culture plate method maximizes inoculum pressure, correlation to field reaction should be satisfactory if the laboratory and field isolates are similar.

SPECIES AND RACES

The following *Pythium* species have been reported (1) to be highly pathogenic to alfalfa seedlings in North America: *P. debaryanum* Hesse, *P. irregulare* Buisman, *P. paroecandrum* Drechsler, *P. splendens* Braun, *P. sylvaticum* Campbell & Hendrix, and *P. ultimum* Trow. No races are known.

SOURCE OF INOCULUM AND SCIENTIST WITH EXPERTISE

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REFERENCES

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