

VERSION: 1.3	DATE: 03/01/2024
PATHOGEN: Verticillium dahliae	
HOST: spinach (Spinacia oleracea)	
COMMON NAME: Verticillium wilt	
METHOD: Lcb 4.1 Freeze Blotter, ISTA Method 7-032: ver 1.2 (2024)	
METHOD CLASS: STANDARD (A)	
SAMPLE: 400 seeds	

REVISION HISTORY:

NSHS Version 1.1: Discontinued written procedure, now reference: ISTA Method 7-032a: ver 1.0 (2020)

NSHS Version 1.2: ISTA Method 7-032 ver 1.1, 2021-01-01: Sample size revised; Media and solutions revised.

NSHS Version 1.3: ISTA Method 7-032 ver 1.2, 2024-01-01: Sample size revised; Media and solutions revised.

PROCEDURE:

[ISTA Method 2024 7-032: ver 1.2](#)

REFERENCES:

International Rules for Seed Testing. Seed Health Testing Methods. 7-032: ver 1.2 Detection of Verticillium dahliae in Spinacia oleracea (spinach) seed (2024).