

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