

WISCONSIN CERTIFICATION TOLERANCES

Tolerances for Certified and Foundation Seed Potato Classes in Wisconsin

Wisconsin seed potatoes are classified as "certified" or "foundation" depending on disease and mixture levels and intended use. Tolerances for certified class are set to meet minimum acceptable standards for commercial production (see table). Foundation class seed meets much stricter tolerances required to protect the integrity of the seed industry.

Wisconsin Field and Harvest Inspection Standards for Certified and Foundation Seed Potato Classes*

Disease or Defect	Certified (%)	Foundation (%)
Leaf roll	1.00	0.25
Mosaic	1.00	0.25
Spindle Tuber	0.00	0.00
Total Virus	2.00	0.25
Bacterial Ring Rot	0.00	0.00
Variety Mixture	0.10	0.10

Wisconsin Post-harvest Test

Virus infection of seed lots can occur after summer inspections are complete. A post-harvest grow-out of all seed lots is designed to prevent the certification of lots infected late in the season with viruses or other diseases.

Post-harvest Test Standards for Certified and Foundation Seed Potato Classes*

Disease or Defect	Certified (%)	Foundation (%)
Leaf roll	5.0	0.50
Mosaic	5.0	0.50
Spindle Tuber	0.0	0.00
-Total Virus	5.0	0.50
Bacterial Ring Rot	0.0	0.00
Variety Mixture	2.0	0.25

**Seed certified in Wisconsin does not exceed the appropriate tolerances listed in the above tables based on visual inspections. Higher tolerances in the winter test are due to the greater likelihood of selecting infected tubers in single-drop seed, as used in this test.*

Any seed imported into Wisconsin for recertification must meet our standards in both field and post harvest test tolerances, for virus and variety mixture. Third-party shipping point inspection, required by Wisconsin ATCP156, is critical component of the seed certification process and is an absolute requirement recertification.