

## CHAPTER 1555

### DEPARTMENT OF AGRICULTURE

### FOOD DEFINITIONS AND STANDARDS

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#### 1555.6740 GENERAL GUIDANCE.

*[For text of subps 1 and 2, see M R. 1983]*

Subp. 3. **Winter testing.** In order to detect certain virus diseases, samples from all Primary Foundation certified and Foundation certified seed potato lots shall be winter-tested. In the event of serious malfunctions of the winter test, classification of lots as Primary Foundation certified or Foundation certified shall be based on the previous summer field readings.

Subp 4 **Certified seed potato classes.** There are three classes of Minnesota certified seed potatoes, differentiated by their tolerances for virus diseases

A. The first class, Primary Foundation certified seed potatoes, has stricter tolerances for virus diseases than do the other classes. This class shall be winter-tested.

B The Foundation certified seed potato class is the second class. Virus disease tolerances for these seed potatoes are less strict than those for Primary Foundation certified seed potatoes. Foundation certified seed potatoes shall also be winter-tested

*[For text of subp 4, item C, see M R. 1983]*

Subp. 5 **Certified seed potato grades.** Grades of certified seed potatoes are established according to the physical defects of the tubers. There are three grades used for shipping Minnesota certified seed potatoes

A The blue tag certified seed potato grade, the first grade, has tolerances for physical defects of the tubers stricter than the other grades. This grade may be used by growers of Primary Foundation certified, Foundation certified, and Certified seed potatoes. The blue tag grade may be used for intrastate and interstate shipments of certified seed potatoes.

B. The yellow tag certified seed potato grade is the second grade. This grade allows more physical defects of the tubers than the blue tag certified seed potato grade. It may be used by growers of Primary Foundation certified, Foundation certified, and Certified seed potatoes. The yellow tag grade may also be used for intrastate and interstate shipments of certified seed potatoes.

C The white tag certified seed potato grade is the third grade. The tolerances for physical defects of the tubers are determined by agreement between purchaser and seller of the certified seed potatoes. This grade may only be used by growers of Primary Foundation certified and Foundation certified seed potatoes. It may only be used for intrastate shipments of certified seed potatoes.

*[For text of subps 6 and 7, see M.R. 1983]*

**Statutory Authority:** MS s 21.113, 21 118

**History:** 8 SR 1659

**1555.6750** [Repealed by amendment, 8 SR 1659]

**1555.6800 SEED POTATOES ELIGIBLE FOR MINNESOTA CERTIFICATION PLANTING.**

A field may not be inspected for certification unless both the seed potato variety and the particular lot planted have the authorization of the commissioner. In considering seed potato varieties for authorization for certification planting, the commissioner shall consider scientific evidence and expert opinion. To be eligible for certification planting, seed potatoes must be one of the following in parts 1555.6810 to 1555.6830.

**Statutory Authority:** *MS s 21.113, 21.118*

**History:** 8 SR 1659

**1555.6810 MINNESOTA GROWERS.**

From Minnesota growers: Primary Foundation certified seed potatoes; Foundation certified seed potatoes, or Certified seed potatoes. A grower may replant his own certified seed potatoes. The commissioner may authorize the planting of purchased certified seed potatoes if there is no source of Primary Foundation certified or Foundation certified seed potatoes available to the grower

**Statutory Authority:** *MS s 21.113; 21.118*

**History:** 8 SR 1659

**1555.6820 NON-MINNESOTA GROWERS.**

From non-Minnesota growers: seed potatoes approved for certification planting by the certifying agency in another state or a Canadian province may be planted if tolerances for certification meet Minnesota tolerances for Foundation or Primary Foundation certified seed potatoes.

**Statutory Authority:** *MS s 21.113; 21.118*

**History:** 8 SR 1659

**1555.6850 REQUIREMENTS FOR PRIMARY FOUNDATION CERTIFIED SEED POTATO PRODUCTION.**

Primary Foundation certified seed potatoes consist of potatoes which meet all the requirements of parts 1555.6750 to 1555.6840 as well as the additional requirements in this part:

A. A lot grown as and intended to be Primary Foundation certified seed potatoes must remain under direct control of the grower for three years prior to being certified as Primary Foundation certified seed potatoes.

B. Primary Foundation certified seed potatoes shall be the only potatoes grown on the farm. They shall be grown from potatoes produced on a tuber unit seed plot.

*[For text of items C and D, see M.R. 1983]*

E. A sample of each lot meeting the requirements of this rule must be submitted for winter testing. Seed potato lots with winter test readings more than one-half percent of any or all virus diseases must be removed from the Primary Foundation certified seed potato class. Presence of spindle tuber, bacterial ring rot, or chemical damage must also remove the lot from the Primary Foundation certified seed potato class.

*[For text of item F, see M R. 1983]*

G. Blue, yellow, or white tags with the word "Primary Foundation" stamped across the front of the tag shall be issued only after all requirements of this part are met. In addition, the crop must be at least the third crop grown following the year in which bacterial ring rot was found before becoming eligible to be tagged with Primary Foundation tags.

**Statutory Authority:** *MS s 21.113; 21.118*

**History:** *8 SR 1659*

**1555.6860 REQUIREMENTS FOR FOUNDATION CERTIFIED SEED POTATO PRODUCTION.**

Foundation certified seed potatoes consist of potatoes which meet all the requirements of parts 1555.6750 to 1555.6840 as well as the following additional requirements in parts 1555.6870 to 1555.6900.

**Statutory Authority:** *MS s 21.113; 21.118*

**History:** *8 SR 1659*

**1555.6880 WINTER-TEST REQUIREMENTS.**

A sample of the lot must meet the same winter test requirements as prescribed for Primary Foundation certified seed potatoes in part 1555.6850, item E

**Statutory Authority:** *MS s 21.113; 21.118*

**History:** *8 SR 1659*

**1555.6890 SELECTING LOT FOR WINTER TESTING.**

In selecting lots for winter testing, the commissioner shall consider factors such as lots more than two years removed from the Primary Foundation certified seed potato class, amount of disease found during field inspections, amount of varietal mixture rogued, proximity to fields having excessive amounts of disease, and other conditions which may jeopardize the value of the lots for certification planting.

**Statutory Authority:** *MS s 21.113; 21.118*

**History:** *8 SR 1659*

**1555.6900 BACTERIAL RING ROT.**

If bacterial ring rot is found on the farm, before becoming eligible to submit a sample from future crops for winter testing, the grower must either:

A. dispose of the crop from the year bacterial ring rot was found and purchase all new Primary Foundation certified or Foundation certified seed potatoes; or

B. produce at least two crops free from bacterial ring rot.

**Statutory Authority:** *MS s 21.113; 21.118*

**History:** *8 SR 1659*

**1555.6950 MINNESOTA CERTIFIED SEED POTATO GRADES AND TOLERANCES.**

Subpart 1. **Minnesota certified seed potato grades.** Before potatoes are eligible for grading as certified seed potatoes, the requirements of parts 1555.6750 to 1555.6840 must be met. In addition, Primary Foundation certified seed potatoes must meet the requirements of part 1555.6850. Foundation certified seed potatoes must meet the requirements of parts 1555.6860 to 1555.6900. Grading and tagging or issuance of a bulk certificate are the final steps in the certification process.

*[For text of subps 2 and 3, see M.R. 1983]*

Subp. 4. **Minnesota white tag certified seed potato grade.** Minnesota white tag certified seed potato grade consists of Primary Foundation certified or Foundation certified seed potatoes which are graded according to agreement between the seller and the purchaser as to size and defects, except that not more than one-half percent of soft rot, frozen, or wet breakdown and two percent dry rot is allowed.

The use of the white tag certified seed potato grade shall be restricted to intrastate shipments.

*[For text of subps 5 to 7, see M R. 1983]*

**Statutory Authority:** *MS s 21.113; 21.118*

**History:** 8 SR 1659