

1 Department of Agriculture

2

3 Adopted Permanent Rules Relating to Certified Seed Potatoes

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5 Rules as Adopted

6 1555.6950 MINNESOTA CERTIFIED SEED POTATO GRADES AND TOLERANCES.

7 [For text of subpart 1, see M.R.]

8 Subp. 2. **Minnesota blue tag certified seed potato grade.**

9 To be graded as Minnesota blue tag certified seed potatoes, the
10 potatoes must meet the requirements in items A to C.

11 A. Condition. The potatoes must be, at the time of
12 final inspection, of one variety, unwashed, fairly well-shaped,
13 free from bacterial ring rot, powdery scab, late blight,
14 freezing, black heart, and soft rot or wet breakdown, and free
15 from injury by surface or pitted scab, and from damage caused by
16 soil or other foreign matter, second growth, air cracks, cuts,
17 shriveling, sprouts, pitted scab, surface scab, russet scab, dry
18 rot, other diseases, insects or worms, mechanical or other
19 means, flattened or depressed areas with underlying flesh
20 discoloration, and from serious damage caused by hollow heart,
21 wire worm, growth cracks, or internal discoloration other than
22 hollow heart. Sunburn and silver scurf are not factors.

23 B. Size. For round or intermediate shaped varieties,
24 the maximum size shall be not more than 12 ounces (340.2 grams)
25 and, unless otherwise specified, the minimum size shall be not
26 less than 1-1/2 inches (38.1 millimeters) in diameter. For long
27 varieties, the maximum size shall be not more than 14 ounces
28 (396.9 grams) and, unless otherwise specified, the minimum size
29 shall be not less than 1-1/2 inches (38.1 millimeters) in
30 diameter. For all varieties, size "B," the minimum diameter
31 shall be not less than 1-1/2 inches (38.1 millimeters) and the
32 maximum size shall be not more than 2-1/4 inches (57.1
33 millimeters) in diameter.

34 C. Lot tolerances. In order to allow for variations
35 incident to proper grading and handling, the following

1 tolerances, by weight, are provided:

2 (1) For defects:

3 [For text of units (a) to (d), see M.R.]

4 (e) 20 percent for potatoes damaged by
5 sprouts;

6 (f) ten percent for potatoes seriously
7 damaged by wireworm; and

8 (g) six percent for potatoes which fail to
9 meet the remaining requirements of the grade, provided that
10 included in that amount not more than the following percentages
11 are allowed for the following defects:

12 [For text of subunits i to vi, see M.R.]

13 (h) the following do not affect seed quality
14 and must not be scored against the grade:

15 [For text of subunits i to iv, see M.R.]

16 v. sunburn;

17 vi. skin checks; and

18 vii. silver scurf.

19 [For text of subitem (2), see M.R.]

20 Subp. 3. **Minnesota yellow tag certified seed potato**
21 **grade.** To be graded as Minnesota yellow tag certified seed
22 potatoes, the potatoes must meet the requirements of blue tag
23 with the exceptions in items A to C.

24 A. Condition. Potatoes must be free from serious
25 damage by soil or other foreign matter and russet scab.

26 B. Lot tolerances:

27 [For text of subitems (1) and (2), see M.R.]

28 C. Size. For all varieties, unless otherwise
29 specified, the maximum size must be not more than 14 ounces
30 (396.9 grams).

31 Subp. 4. **Minnesota white tag certified seed potato grade.**

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

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

3 [For text of subps 5 and 6, see M.R.]

4 Subp. 7. **Definitions.** For the purpose of this part, the
5 terms in items A to J have the meanings given them unless the
6 context clearly indicates otherwise.

7 [For text of items A to H, see M.R.]

8 I. "Damage" means any defect or combination of
9 defects which materially affects the appearance of the
10 individual potato or which cannot be removed without a loss of
11 more than five percent of the total weight of the potato
12 including the peel covering the defective area. Any one of the
13 following defects or any combination of defects, the seriousness
14 of which exceeds the maximum allowed for any one defect, shall
15 be considered as damage:

16 [For text of subitems (1) and (2), see M.R.]

17 (3) air cracks when removal causes a loss of more
18 than five percent of the total weight of the potato;

19 [For text of subitems (4) to (7), see M.R.]

20 J. "Serious damage" means any defect or combination
21 of defects which seriously affects the appearance of the
22 individual potato or which cannot be removed without a loss of
23 more than ten percent of the total weight of the potato
24 including the peel covering the defective area. Any one of the
25 following defects or any combination of defects, the seriousness
26 of which exceeds the maximum allowed for any one defect shall be
27 considered as serious damage:

28 [For text of subitems (1) to (5), see M.R.]

29 (6) surface or pitted scab, individually or in
30 combination, which covers an area of more than twenty-five
31 percent of the surface of the potato in the aggregate, or causes
32 a loss of more than ten percent of the total weight of the
33 potato including peel covering defective area;

34 (7) wireworm and air cracks when removal causes a
35 loss of more than ten percent of the total weight of the potato.