

3 MCAR 1

1 Department of Agriculture

2 Plant Industry Division

3

4 Adopted Amendments to Rules Governing Seed Potato Certification

5

6 Rules as Adopted

7 3 MCAR S 1.0129 General guidance.

8 The provisions of this section govern the production of
9 potatoes for use as certified seed potatoes.

10 A.-C. [Unchanged.]

11 D. Certified seed potato grades. Grades of certified seed
12 potatoes are established according to the physical defects of
13 the tubers. There are three grades used for shipping Minnesota
14 certified seed potatoes.

15 1. [Unchanged.]

16 2. The yellow tag certified seed potato grade is the
17 second grade. This grade allows more physical defects of the
18 tubers than the blue tag certified seed potato grade. It may be
19 used by growers of Foundation certified, Approved certified, and
20 Certified seed potatoes. The yellow tag grade may also be used
21 for intrastate and interstate shipments of certified seed
22 potatoes.

23 3. [Unchanged.]

24 E.-F. [Unchanged.]

25 3 MCAR S 1.0131 Requirements for certified seed potato
26 production.

27 The standards in this rule must be met before potatoes may
28 be classified as certified seed potatoes.

29 A.-C. [Unchanged.]

30 D. Tags, bulk certificates, seals.

31 1. Official blue, yellow, or white tags, bearing the
32 grower's name and address, variety, and the crop year, shall be
33 issued when the potatoes meet the certification requirements
34 described in 3 MCAR S 1.0130 and A.-C.

35 2.-4. [Unchanged.]

5-17-83

1 E. [Unchanged.]

2 3 MCAR S 1.0132 Requirements for foundation certified seed
3 potato production.

4 Foundation certified seed potatoes consist of potatoes
5 which meet all the requirements of 3 MCAR SS 1.0130 and 1.0131
6 as well as the additional requirements in this rule.

7 A.-F. [Unchanged.]

8 G. Blue, yellow, or white tags with the word "Foundation"
9 stamped across the front of the tag shall be issued only after
10 all requirements of 3 MCAR S 1.0132 are met. In addition, the
11 crop must be at least the third crop grown following the year in
12 which bacterial ring rot was found before becoming eligible to
13 be tagged with Foundation tags.

14 3 MCAR S 1.0135 Minnesota certified seed potato grades and
15 tolerances.

16 A. Minnesota certified seed potato grades. Before potatoes
17 are eligible for grading as certified seed potatoes, the
18 requirements of 3 MCAR SS 1.0130 and 1.0131 must be met. In
19 addition, Foundation certified seed potatoes must meet the
20 requirements of 3 MCAR S 1.0132. Approved certified seed
21 potatoes must meet the requirements of 3 MCAR S 1.0133. Grading
22 and tagging or issuance of a bulk certificate are the final
23 steps in the certification process.

24 1. Minnesota blue tag certified seed potato grade. To be
25 graded as Minnesota blue tag certified seed potatoes, the
26 potatoes must meet the following requirements:

27 a. The potatoes must be, at the time of final
28 inspection, of one variety, fairly well-shaped, free from
29 bacterial ring rot, powdery scab, late blight, freezing, black
30 heart, and soft rot or wet breakdown, and free from injury by
31 surface or pitted scab, and from damage caused by dirt or other
32 foreign matter, second growth, growth cracks, air cracks, cuts,
33 shriveling, sprouts, pitted scab, surface scab, russet scab, dry
34 rot, other diseases, insects or worms, external discoloration
35 caused from loss of skin, mechanical or other means, and from

1 serious damage caused by sunburn, hollow heart, or internal
2 discoloration other than hollow heart.

3 b. [Unchanged.]

4 c. Lot tolerances. In order to allow for variations
5 incident to proper grading and handling, the following
6 tolerances, by weight, are provided:

7 (1) For defects:

8 (a)-(f) [Unchanged.]

9 (g) 6% for potatoes which fail to meet the
10 remaining requirements of the grade, provided that included in
11 that amount not more than the following percentages are allowed
12 for the following defects:

13 (i)-(iii) [Unchanged.]

14 (iv) Bacterial ring rot 0.0%

15 (v) Powdery scab 0.0%

16

17 (2) [Unchanged.]

18 2. Minnesota yellow tag certified seed potato grade. To
19 be graded as Minnesota yellow tag certified seed potatoes, the
20 potatoes must meet the following requirements.

21 a. The potatoes must be, at the time of final
22 inspection, of one variety, fairly well-shaped, and free from
23 bacterial ring rot, powdery scab, late blight, freezing, black
24 heart, and soft rot or wet breakdown, and from damage caused by
25 second growth, growth cracks, air cracks, cuts, shriveling,
26 sprouts (after April 15, sprouts are not a factor), pitted scab,
27 surface scab, dry rot, other diseases, insects or worms,
28 external discoloration caused from loss of skin, mechanical or
29 other means, and from serious damage caused by dirt or other
30 foreign matter, russet scab, hollow heart, or internal
31 discoloration other than hollow heart. Pressure bruising, or
32 flattened or depressed areas with or without underlying flesh
33 discoloration, are not factors.

34 b. [Unchanged.]

35 c. Lot tolerances. In order to allow for variations
36 incident to proper grading and handling the following

1 tolerances, by weight, are provided:

2 (1) For defects:

3 (a) 20% for potatoes seriously damaged by hollow
4 heart;

5 (b) 5% for potatoes seriously damaged by internal
6 discoloration other than hollow heart;

7 (c) 20% for potatoes damaged by sprouts; and

8 (d) 20% for potatoes which fail to meet the
9 remaining requirements of the grade, provided that included in
10 that amount not more than the following percentages are allowed:

11 (i)-(ii) [Unchanged.]

12 (iii) 6% serious damage for other defects
13 other than hollow heart, and internal discoloration other than
14 hollow heart provided, that of this six percent not more than
15 the following percentages are allowed for the following defects:

16 (aa) Soft rot, frozen, or wet 0.5%
17 breakdown

18 (bb) Bacterial ring rot 0.0%

19 (cc) Powdery scab 0.0%

20 (2) [Unchanged.]

21 3. [Unchanged.]

22 B.-D. [Unchanged.]