

1510.0171 STANDARDS, REQUIREMENTS, AND CONDITIONS FOR LABELING HERMETICALLY SEALED SEEDS.

In accordance with Minnesota Statutes, section 21.86, subdivision 1, paragraph (a), the following standards, requirements, and conditions must be met before seed is considered to be hermetically sealed:

A. The seed must be packed within nine months after harvest.

B. The container used must not allow water vapor penetration through any wall, including the seals, greater than 0.05 grams of water per 24 hours per 100 square inches of surface at 100 degrees Fahrenheit with a relative humidity on one side of 90 percent and on the other side of zero percent. Water vapor penetration or WVP is measured by the standards of the United States Bureau of Standards as:

gm. H₂O/24 hr./100 sq. in./100°F./90%RHV.0%RH

C. The agricultural seed in the container must not exceed the following percentages of moisture, on a wet weight basis:

- (1) beet, field, 7.5 percent;
- (2) beet, sugar, 7.5 percent;
- (3) bluegrass, kentucky, 6.0 percent;
- (4) clover, crimson, 8.0 percent;
- (5) fescue, red, 8.0 percent;
- (6) ryegrass, annual, 8.0 percent;
- (7) ryegrass, perennial, 8.0 percent;
- (8) all others, 6.0 percent; and
- (9) mixture of above, 8.0 percent.

D. The vegetable seeds in the container must not exceed the following percentages of moisture, on a wet weight basis:

- (1) bean, garden, 7.0 percent;
- (2) bean, lima, 7.0 percent;
- (3) beet, 7.5 percent;
- (4) broccoli, 5.0 percent;
- (5) brussels sprout, 5.0 percent;
- (6) cabbage, 5.0 percent;

- (7) carrot, 7.0 percent;
- (8) cauliflower, 5.0 percent;
- (9) celeriac, 7.0 percent;
- (10) celery, 7.0 percent;
- (11) chard, Swiss, 7.5 percent;
- (12) Chinese cabbage, 5.0 percent;
- (13) chives, 6.5 percent;
- (14) collards, 5.0 percent;
- (15) corn, sweet, 8.0 percent;
- (16) cucumber, 6.0 percent;
- (17) eggplant, 6.0 percent;
- (18) kale, 5.0 percent;
- (19) kohlrabi, 5.0 percent;
- (20) leek, 6.5 percent;
- (21) lettuce, 5.5 percent;
- (22) muskmelon, 6.0 percent;
- (23) mustard, India, 5.0 percent;
- (24) onion, 6.5 percent;
- (25) onion, Welsh, 6.5 percent;
- (26) parsley, 6.5 percent;
- (27) parsnip, 6.0 percent;
- (28) pea, 7.0 percent;
- (29) pepper, 4.5 percent;
- (30) pumpkin, 6.0 percent;
- (31) radish, 5.0 percent;
- (32) rutabaga, 5.0 percent;
- (33) spinach, 8.0 percent;
- (34) squash, 6.0 percent;
- (35) tomato, 5.5 percent;

- (36) turnip, 5.0 percent;
- (37) watermelon, 6.5 percent; and
- (38) all others, 6.0 percent.

E. The container must be conspicuously labeled in not less than 8-point type to indicate:

- (1) that the container is hermetically sealed;
- (2) that the seed has been preconditioned as to moisture content; and
- (3) the calendar month and year in which the germination test was completed.

F. The percentage of germination of seed at the time of packaging must be equal to or above the standards in part 1510.0231, subpart 1.

Statutory Authority: *MS s 21.85*

History: *9 SR 693*

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