

9-5-84

1 Department of Agriculture
2
3 Agronomy Services Division

4
5 Adopted Rules Amending Agricultural Seed Labeling and Inspection
6 Requirements

7
8 Rules as Adopted

9 1510.0111 INFORMATION REQUIRED ON HYBRID SEED CORN LABELS.

10 Seed labels for hybrid corn varieties or blends of
11 varieties for either grain or forage purposes must include the
12 day classification listed in five-day increments under the
13 heading "Minnesota Relative Maturity." For hybrid seed corn
14 blends, the relative maturity and the germination percentage
15 must be derived by averaging the relative maturities and
16 germination percentages according to the proportion of each
17 component in the blend.

18 1510.0161 KINDS OF LAWN AND TURF GRASS SEEDS EXEMPT FROM TEN
19 PERCENT INERT MATTER LIMITATION.

20 In accordance with Minnesota Statutes, section 21.82,
21 subdivision 5, paragraph (a), Kentucky bluegrass is a kind of
22 lawn and turf grass seed for which the ten percent inert matter
23 limitation does not apply.

24 1510.0171 STANDARDS, REQUIREMENTS, AND CONDITIONS FOR LABELING
25 HERMETICALLY-SEALED SEEDS.

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

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

32 B. The container used must not allow water vapor
33 penetration through any wall, including the seals, greater than
34 0.05 grams of water per 24 hours per 100 square inches of
35 surface at 100 degrees Fahrenheit with a relative humidity on

1 one side of 90 percent and on the other side of zero percent.
2 Water vapor penetration or WVP is measured by the standards of
3 the United States Bureau of Standards as:

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

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

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

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

- 20 (1) bean, garden, 7.0 percent;
- 21 (2) bean, lima, 7.0 percent;
- 22 (3) beet, 7.5 percent;
- 23 (4) broccoli, 5.0 percent;
- 24 (5) brussels sprout, 5.0 percent;
- 25 (6) cabbage, 5.0 percent;
- 26 (7) carrot, 7.0 percent;
- 27 (8) cauliflower, 5.0 percent;
- 28 (9) celeriac, 7.0 percent;
- 29 (10) celery, 7.0 percent;
- 30 (11) chard, Swiss, 7.5 percent;
- 31 (12) Chinese cabbage, 5.0 percent;
- 32 (13) chives, 6.5 percent;
- 33 (14) collards, 5.0 percent;
- 34 (15) corn, sweet, 8.0 percent;
- 35 (16) cucumber, 6.0 percent;
- 36 (17) eggplant, 6.0 percent;

- 1 (18) kale, 5.0 percent;
- 2 (19) kohlrabi, 5.0 percent;
- 3 (20) leek, 6.5 percent;
- 4 (21) lettuce, 5.5 percent;
- 5 (22) muskmelon, 6.0 percent;
- 6 (23) mustard, India, 5.0 percent;
- 7 (24) onion, 6.5 percent;
- 8 (25) onion, Welsh, 6.5 percent;
- 9 (26) parsley, 6.5 percent;
- 10 (27) parsnip, 6.0 percent;
- 11 (28) pea, 7.0 percent;
- 12 (29) pepper, 4.5 percent;
- 13 (30) pumpkin, 6.0 percent;
- 14 (31) radish, 5.0 percent;
- 15 (32) rutabaga, 5.0 percent;
- 16 (33) spinach, 8.0 percent;
- 17 (34) squash, 6.0 percent;
- 18 (35) tomato, 5.5 percent;
- 19 (36) turnip, 5.0 percent;
- 20 (37) watermelon, 6.5 percent; and
- 21 (38) all others, 6.0 percent.

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

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

29 F. The percentage of germination of seed at the time
30 of packaging must be equal to or above the standards in part
31 1510.0231, subpart 1.

32 1510.0231 GERMINATION STANDARDS; STANDARDIZED GERMINATION
33 TESTING PROCEDURES.

34 Subpart 1. Vegetable seed germination. In accordance with
35 Minnesota Statutes, section 21.82, subdivision 7, paragraph (a),
36 clause (2), the germination standards for vegetable seeds

- 1 prepared for use by home gardeners are as follows:
- 2 A. artichoke, 60 percent;
 - 3 B. asparagus, 70 percent;
 - 4 C. asparagusbean, 75 percent;
 - 5 D. bean, garden, 70 percent;
 - 6 E. bean, lima, 70 percent;
 - 7 F. bean, runner, 75 percent;
 - 8 G. beet, 65 percent;
 - 9 H. broadbean, 75 percent;
 - 10 I. broccoli, 75 percent;
 - 11 J. brussels sprout, 70 percent;
 - 12 K. burdock, great, 60 percent;
 - 13 L. cabbage, 75 percent;
 - 14 M. cabbage, tronchuda, 75 percent;
 - 15 N. cantaloupe (see muskmelon);
 - 16 O. cardoon, 60 percent;
 - 17 P. carrot, 55 percent;
 - 18 Q. cauliflower, 75 percent;
 - 19 R. celeriac, 55 percent;
 - 20 S. celery, 55 percent;
 - 21 T. chard, Swiss, 65 percent;
 - 22 U. chicory, 65 percent;
 - 23 V. Chinese cabbage, 75 percent;
 - 24 W. chives, 50 percent;
 - 25 X. citron, 65 percent;
 - 26 Y. collards, 80 percent;
 - 27 Z. corn, sweet, 75 percent;
 - 28 AA. cornsalad, 70 percent;
 - 29 BB. cowpea, 75 percent;
 - 30 CC. cress, garden, 75 percent;
 - 31 DD. cress, upland, 60 percent;
 - 32 EE. cress, water, 40 percent;
 - 33 FF. cucumber, 80 percent;
 - 34 GG. dandelion, 60 percent;
 - 35 HH. eggplant, 60 percent;
 - 36 II. endive, 70 percent;

- 1 JJ. kale, 75 percent;
2 KK. kale, Chinese, 75 percent;
3 LL. kale, Siberian, 75 percent;
4 MM. kohlrabi, 75 percent;
5 NN. leek, 60 percent;
6 OO. lettuce, 80 percent;
7 PP. muskmelon, 75 percent;
8 QQ. mustard, India, 75 percent;
9 RR. mustard, spinach, 75 percent;
10 SS. okra, 50 percent;
11 TT. onion, 70 percent;
12 UU. onion, Welsh, 70 percent;
13 VV. pak-choi, 75 percent;
14 WW. parsley, 60 percent;
15 XX. parsnip, 60 percent;
16 YY. pea, 80 percent;
17 ZZ. pepper, 55 percent;
18 AAA. pumpkin, 75 percent;
19 BBB. radish, 75 percent;
20 CCC. rhubarb, 60 percent;
21 DDD. rutabaga, 75 percent;
22 EEE. salsify, 75 percent;
23 FFF. sorrel, 65 percent;
24 GGG. soybean, 75 percent;
25 HHH. spinach, 60 percent;
26 III. spinach, New Zealand, 40 percent;
27 JJJ. squash, 75 percent;
28 KKK. tomato, 75 percent;
29 LLL. tomato, husk, 50 percent;
30 MMM. turnip, 80 percent;
31 NNN. watermelon, 70 percent;

32 Subp. 2. Flower seed germination. In accordance with
33 Minnesota Statutes, section 21.82, subdivision 8, paragraph (a),
34 clause (3), the germination standards for flower seeds prepared
35 for use by home gardeners are set in this subpart.

36 A. The kinds of flower seeds listed below are those

1 for which standard testing procedures have been prescribed. The
2 percentage listed opposite each kind is the germination standard
3 for that kind. For the kinds marked with an asterisk, the
4 percentage is the total of percentage germination and percentage
5 hard seed.

6 (1) Achillea (The Pearl), *Achillea ptarmica*, 50
7 percent;

8 (2) African Daisy, *Dimorphotheca aurantiaca*, 55
9 percent;

10 (3) Ageratum, *Ageratum mexicanum*, 60 percent;

11 (4) Agrostemma (rose campion), *Agrostemma*
12 *coronaria*, 65 percent;

13 (5) Alyssum, *Alyssum compactum*, *A. maritimum*, *A.*
14 *procumbens*, *A. saxatile*, 60 percent;

15 (6) Amaranthus, (*Amaranthus* spp.) 65 percent;

16 (7) Anagalis (pimpernel), (*Anagalis arvensis*,
17 *Anagalis coerulea*, *Anagalis grandiflora*), 60 percent;

18 (8) Anemone, *Anemone coronaria*, *A. pulsatilla*, 55
19 percent;

20 (9) Angel's Trumpet, *Datura arborea*, 60 percent;

21 (10) Arabis, *Arabis alpina*, 60 percent;

22 (11) Arctotis (African lilac daisy), (*Arctotis*
23 *grandis*), 45 percent;

24 (12) Armeria, (*Armeria formosa*), 55 percent;

25 (13) Asparagus, fern, (*Asparagus plumosus*), 50
26 percent;

27 (14) Asparagus, sprenger, (*Asparagus sprengeri*),
28 55 percent;

29 (15) Aster, China, *Callistephus chinensis*, except
30 Pompon, Powderpuff, and Princess types, 55 percent

31 (16) Aster, China, *Callistephus chinensis*,
32 Pompon, Powderpuff, and Princess types, 50 percent;

33 (17) Aubretia, *Aubretia deltoides*, 45 percent;

34 (18) Balsam, *Impatiens balsamina*, 70 percent;

35 (19) Begonia, (*Begonia fibrous rooted*), 60
36 percent;

- 1 (20) Begonia, (*Begonia tuberos rooted*), 50
2 percent;
- 3 (21) Bells of Ireland, (*Molucella laevis*), 60
4 percent;
- 5 (22) Brachycome (swan river daisy), (*Brachycome*
6 *iberidifolia*), 60 percent;
- 7 (23) Browallia, (*Browallia elata* and *B.*
8 *speciosa*), 65 percent;
- 9 (24) Bupthalmum (sunwheel), (*Bupthalmum*
10 *salicifolium*), 60 percent;
- 11 (25) Calceolaria, (*Calceolaria spp.*), 60 percent;
- 12 (26) Calendula, *Calendula officinalis*, 65 percent;
- 13 (27) California Poppy, *Eschscholtzia californica*,
14 60 percent;
- 15 (28) Calliopsis, *Coreopsis bicolor*, *C. drummondi*,
16 *C. elegans*, 65 percent;
- 17 (29) Campanula:
- 18 (a) Canterbury Bells, *Campanula medium*, 60
19 percent;
- 20 (b) Cup and Saucer Bellflower, *Campanula*
21 *medium calycanthema*, 60 percent;
- 22 (c) Carpathian Bellflower, *Campanula*
23 *carpatica*, 50 percent;
- 24 (d) Peach Bellflower, *Campanula*
25 *persicifolia*, 50 percent;
- 26 (30) Candytuft, Annual, *Iberis amara*, *I.*
27 *umbellata*, 65 percent;
- 28 (31) Candytuft, Perennial, *Iberis gibraltarica*,
29 *I. sempervirens*, 55 percent;
- 30 (32) Castor Bean, *Ricinus communis*, 60 percent;
- 31 (33) Cathedral Bells, *Cobaea scandens*, 65 percent;
- 32 (34) Celosia, *Celosia argentea*, 65 percent;
- 33 (35) Centaurea (Basket Flower), *Centaurea*
34 *americana*, Cornflower, *C. cyanus*, Dusty Miller, *C. candidissima*,
35 Royal Centaurea, *C. imperialis*, Sweet Sultan, *C. moschata*,
36 Velvet Centaurea, *C. gymnocarpa*, 60 percent;

- 1 (36) Chinese Forget-me-not, *Cynoglossum amabile*,
2 55 percent;
- 3 (37) Chrysanthemum, Annual, *Chrysanthemum*
4 *carinatum*, *C. coronarium*, *C. segetum*, 40 percent;
- 5 (38) Clarkia, *Clarkia elegans*, 65 percent;
- 6 (39) Cleome, *Cleome gigantea*, 65 percent;
- 7 (40) Columbine, *Aquilegia* spp., 50 percent;
- 8 (41) Coral Bells, *Heuchera sanguinea*, 55 percent;
- 9 (42) Coreopsis, Perennial, *Coreopsis lanceolata*,
10 40 percent;
- 11 (43) Cosmos, Sensation, Mammoth, and Crested
12 types, *Cosmos bipinnatus*, Klondyke type, *C. sulphureus*, 65
13 percent;
- 14 (44) Dahlia, *Dahlis* spp., 55 percent;
- 15 (45) Delphinium, Perennial, Belladonna and
16 *Bellamosum* types, Cardinal Larkspur, *Delphinium cardinale*,
17 *Chinensis* types, Pacific Giant, Gold Medal, and other hybrids of
18 *D. elatum*, 55 percent;
- 19 (46) Dianthus, Carnation, *Dianthus caryophyllus*,
20 60 percent;
- 21 (47) Dianthus, China Pinks, *Dianthus chinensis*,
22 *heddewigi*, *heddensis*, 70 percent;
- 23 (48) Grass Pinks, *Dianthus plumarius*, 60 percent;
- 24 (49) Maiden Pinks, *Dianthus deltoides*, 60 percent;
- 25 (50) Sweet William, *Dianthus barbatus*, 70 percent;
- 26 (51) Sweet Wivelsfield, *Dianthus allwood*, 60
27 percent;
- 28 (52) Dracaena, *Dracaena indivisa*, 55 percent;
- 29 (53) English Daisy, *Bellis perennis*, 55 percent;
- 30 (54) Foxglove, *Digitalis* spp., 60 percent;
- 31 (55) Gaillardia, Annual, *Gaillardia pulchella*, *G.*
32 *picta*, Perennial, *G. grandiflora*, 45 percent;
- 33 (56) Geum, *Geum* spp., 55 percent;
- 34 (57) Gilia, *Gilia* spp., 65 percent;
- 35 (58) Godetia, *Godetia amoena*, *G. grandiflora*, 65
36 percent;

- 1 (59) Gourds: Yellow Flowered, *Cucurbita pepo*;
2 White Flowered, *Lagenaria sisceraria*; Dishcloth, *Luffa*
3 *cylindrica*, 70 percent;
- 4 (60) Gypsophila: Annual Baby's Breath,
5 *Gypsophila elegans*; Perennial Baby's Breath, *G. paniculata*, *G.*
6 *pacifica*, *G. repens*, 70 percent;
- 7 (61) Helenium, (*Helenium autumnale*), 40 percent;
- 8 (62) Helichrysum, *Helichrysum monstrosum*, 60
9 percent;
- 10 (63) Heliopsis, (*Heliopsis scabra*), 55 percent;
- 11 (64) Helipterum (*Acroclinium*), (*Helipterum*
12 *roseum*), 60 percent;
- 13 (65) Hesperis (sweet rocket), (*Hesperis*
14 *matronalis*), 65 percent;
- 15 (66) *Hollyhock, *Althea rosea*, 65 percent;
- 16 (67) Hunnemanina (mexican tulip poppy), (
17 *Hunnemanina fumariaefolia*), 60 percent;
- 18 (68) *Hyacinth bean, (*Dolichos lablab*), 70
19 percent;
- 20 (69) Impatiens, (*Impatiens holstii*, *I. sultani*),
21 55 percent;
- 22 (70) *Ipomea, Cypress Vine, *Ipomea quamoclit*;
23 Moonflower, *I. noctiflora*; Morning Glories, Cardinal Climber,
24 Hearts and Honey Vine, *Ipomea* spp., 75 percent;
- 25 (71) Jerusalem cross (maltese cross), (*Lychnis*
26 *chalcedonica*), 70 percent;
- 27 (72) Job's Tears, *Coix lacrymajobi*, 70 percent;
- 28 (73) Kochia, *Kochia childsi*, 55 percent;
- 29 (74) Larkspur, Annual, *Delphinium ajacis*, 60
30 percent;
- 31 (75) Lantana, *Lantana camara*, *L. hybrida*, 35
32 percent;
- 33 (76) Liliium (regal lily), (*Lilium regale*), 50
34 percent;
- 35 (77) Linaria, *Linaria* spp., 65 percent;
- 36 (78) Lobelia, Annual, *Lobelia erinus*, 65 percent;

- 1 (79) Lunaria, Annual, *Lunaria annua*, 65 percent;
2 (80) *Lupine, *Lupinus* spp., 65 percent;
3 (81) Marigold, *Tagetes* spp., 65 percent;
4 (82) Marvel of Peru, *Mirabilis jalapa*, 60 percent;
5 (83) Matricaria (feverfew), (*Matricaria* spp.), 60
6 percent;
7 (84) Migonette, *Reseda odorata*, 55 percent;
8 (85) Myosotis, *Myosotis alpestris*, *M. oblongata*,
9 *M. palustris*, 50 percent;
10 (86) Nasturtium, *Tropaeolum* spp., 60 percent;
11 (87) Nemesia, *Nemesia* spp., 65 percent;
12 (88) Nemophila, *Nemophila insignis*, 70 percent;
13 (89) Nemophila, Spotted, (*Nemophila maculata*), 60
14 percent;
15 (90) Nicotiana, *Nicotiana affinis*, *N. sanderae*,
16 *N. sylvestris*, 65 percent;
17 (91) Nierembergia, *Nierembergia* spp., 55 percent;
18 (92) Nigella, *Nigella damascena*, 55 percent;
19 (93) Pansy, *Viola tricolor*, 60 percent;
20 (94) Penstemon, *Penstemon barbatus*, *P.*
21 *grandiflorus*, *P. laevigatus*, *P. pubescens*, 60 percent;
22 (95) Petunia, *Petunia* spp., 45 percent;
23 (96) Phacelia, *Phacelia campanularia*, *P. minor*, *P.*
24 *tanacetifolia*, 65 percent;
25 (97) Phlox, Annual, *Phlox drummondii* all types and
26 varieties, 55 percent;
27 (98) Physalis, *Physalis*, spp., 60 percent;
28 (99) Platycodon (balloon flower), (*Platycodon*
29 *grandiflorum*), 60 percent;
30 (100) Plumbago, cape, (*Plumbago capensis*), 50
31 percent;
32 (101) Poppy: Shirley Poppy, *Papaver rhoeas*;
33 Iceland Poppy, *P. nudicaule*; Oriental Poppy, *P. orientale*; Tulip
34 Poppy, *P. glaucum*, 60 percent;
35 (102) Portulace, *Portulaca grandiflora*, 55
36 percent;

- 1 (103) Primula (primrose), (*Primula* spp.), 50
2 percent;
- 3 (104) Pyrethrum (painted daisy), (*Pyrethrum*
4 *coccineum*), 60 percent;
- 5 (105) Salpiglossis, *Salpiglossis gloxinaeflora*, *S.*
6 *sinuata*, 60 percent;
- 7 (106) Salvia, Scarlet Sage, *Salvia splendens*;
8 Mealycup Sage (blue bedder), *Salvia farinacea*, 50 percent;
- 9 (107) Saponaria, *Saponaria ocymoides*, *S.*
10 *vaccaria*, 60 percent;
- 11 (108) Scabiosa, Annual, *Scabiosa atropurpurea*, 50
12 percent;
- 13 (109) Scabiosa, Perennial, *Scabiosa caucasica*, 40
14 percent;
- 15 (110) Schizanthus, *Schizanthus* spp., 60 percent;
- 16 (111) *Sensitive plant (mimosa), (*Mimosa pudica*),
17 65 percent;
- 18 (112) Shasta Daisy, *Chrysanthemum maximum*, *C.*
19 *leucanthemum*, 65 percent;
- 20 (113) Snapdragon, *Antirrhinum* spp., 55 percent;
- 21 (114) Solanum, *Solanum* spp., 60 percent;
- 22 (115) Statice, (*Statice sinuata*, *S. suworonii*)
23 (flower heads), 50 percent;
- 24 (116) Stocks: Common, *Mathiola incana*; Evening
25 Scented, *Mathiola bicornis*, 65 percent;
- 26 (117) Sunflower, *Helianthus* spp., 65 percent;
- 27 (118) *Sweet Pea, Annual and Perennial other than
28 dwarf bush, *Lathyrus odoratus*, *L. latifolius*, 75 percent;
- 29 (119) *Sweet Pea, dwarf bush, *Lathyrus odoratus*,
30 65 percent;
- 31 (120) Tahoka daisy, (*Machaeanthera*
32 *tanacetifolia*), 60 percent;
- 33 (121) Thunbergia, *Thunbergia alata*, 60 percent;
- 34 (122) Torch flower, *Tithonia speciosa*, 70 percent;
- 35 (123) Torenia (wishbone flower), (*Torenia*
36 *fournieri*), 70 percent;

- 1 (124) Tritoma, *Kniphofia* spp., 65 percent;
 2 (125) Verbena, Annual, *Verbena hybrida*, 35
 3 percent;
 4 (126) Vinca, *Vinca rosea*, 60 percent;
 5 (127) Viola, *Viola cornuta*, 55 percent;
 6 (128) Virginian stocks, (*Malcolmia maritima*), 65
 7 percent;
 8 (129) Wallflower, *Cheiranthus allioni*, 65 percent;
 9 (130) Yucca (Adam's needle), (*Yucca filamentosa*),
 10 50 percent;
 11 (131) Zinnia (except *Linearis* and Creeping),
 12 *Zinnia angustifolia*, *Z. elegans*, *Z. grandiflora*, *Z. gracillima*,
 13 *Z. haegeana*, *Z. multiflora*, *Z. pumila*, 65 percent; and
 14 (132) Zinnia, *Linearis* and Creeping, *Zinnia*
 15 *linearis*, *Sanvitalia procumbens*, 50 percent.

16 B. A mixture of kinds of flower seeds is below
 17 standard if the germination of any kind or combination of kinds
 18 constituting 25 percent or more of the mixture by number is
 19 below standard for the kind or kinds involved.

20 1510.0241 STANDARDIZED GERMINATION TESTING PROCEDURES AVAILABLE.

21 A. In accordance with Minnesota Statutes, section
 22 21.83, subdivision 2, paragraph (h), item B lists the kinds of
 23 tree and shrub seed that have standardized germination testing
 24 procedures available for them.

25 B. Tree and shrub seeds with standardized germination
 26 testing procedures available for them are as follows:

- 27 (1) *Abies amabilis* (Dougl.) Forbes, Pacific
 28 Silver Fir;
 29 (2) *Abies balsamea* (L.) Mill., Balsam Fir;
 30 (3) *Abies concolor* (Gord. and Glend.) Lindl.,
 31 White Fir;
 32 (4) *Abies fraseri* (Pursh.) Poir, Fraser Fir;
 33 (5) *Abies grandis* (Dougl.) Lindl., Grand Fir;
 34 (6) *Abies homolepis* Sieb. and Zucc., Nikko Fir;
 35 (7) *Abies lasiocarpa* (Hook.) Nutt., Subalpine Fir;
 36 (8) *Abies magnifica* A. Murr., California Red Fir;

- 1 (9) *Abies magnifica* var. *shastensis* Lemm., Shasta
2 Red Fir;
- 3 (10) *Abies procera* Rehd., Nobel Fir;
- 4 (11) *Abies veitchii* (Lindl.), Veitch Fir;
- 5 (12) *Acer ginnala* Maxim., Amur Maple;
- 6 (13) *Acer macrophyllum* Pursh., Bigleaf Maple;
- 7 (14) *Acer negundo* L., Boxelder;
- 8 (15) *Acer pensylvanicum* L., Striped Maple;
- 9 (16) *Acer platanoides* L., Norway Maple;
- 10 (17) *Acer pseudoplatanus* L., Sycamore Maple;
- 11 (18) *Acer rubrum* L., Red Maple;
- 12 (19) *Acer saccharinum* L., Silver Maple;
- 13 (20) *Acer saccharum* Marsh., Sugar Maple;
- 14 (21) *Acer spicatum* Lam., Mountain Maple;
- 15 (22) *Aesculus pavia* L., Red Buckeye;
- 16 (23) *Ailanthus altissima* (Mill.) Swingle, Tree of
17 Heaven, Ailanthus;
- 18 (24) *Berberis thunbergii* DC., Japanese Barberry;
- 19 (25) *Berberis vulgaris* L., European Barberry;
- 20 (26) *Betula lenta* L., Sweet Birch;
- 21 (27) *Betula alleghaniensis* Britton, Yellow Birch;
- 22 (28) *Betula nigra* L., River Birch;
- 23 (29) *Betula papyrifera* Marsh., Paper Birch;
- 24 (30) *Betula pendula* Roth., European White Birch;
- 25 (31) *Betula populifolia* Marsh., Gray Birch;
- 26 (32) *Carya illinoensis* (Wang.) K. Koch, Pecan;
- 27 (33) *Carya ovata* (Mill) K. Koch, Shagbark Hickory;
- 28 (34) *Casuarina* spp., Beefwood;
- 29 (35) *Catalpa bignonioides* Walt., Southern Catalpa;
- 30 (36) *Catalpa speciosa* Warder., Northern Catalpa;
- 31 (37) *Cedrus atlantica* Manetti, Atlas Cedar;
- 32 (38) *Cedrus deodara* (Roxb.) Loud., Deodar Cedar;
- 33 (39) *Cedrus libani* (Loud.), Cedar of Lebanon;
- 34 (40) *Celastrus scandens* L., American Bittersweet;
- 35 (41) *Celastrus orbiculata* Thunb., Oriental
36 Bittersweet;

- 1 (42) *Chamaecyparis lawsoniana* (A. Murr.) Parl,
 2 Port Orford Cedar;
- 3 (43) *Chamaecyparis nootkatensis* (D. Don.) Spach.,
 4 Alaska Cedar;
- 5 (44) *Cornus florida* L., Flowering Dogwood;
- 6 (45) *Cornus stolonifera* Michx., Red-osier Dogwood;
- 7 (46) *Crataegus mollis*, Downy Hawthorn;
- 8 (47) *Cupressus arizonica* Greene, Arizona Cypress;
- 9 (48) *Eucalyptus deglupta*;
- 10 (49) *Eucalyptus grandis*;
- 11 (50) *Fraxinus americana* L., White Ash;
- 12 (51) *Fraxinus excelsior* L., European Ash;
- 13 (52) *Fraxinus latifolia* Benth., Oregon Ash;
- 14 (53) *Fraxinus nigra* Marsh., Black Ash;
- 15 (54) *Fraxinus pensylvanica* Marsh., Green Ash;
- 16 (55) *Fraxinus pensylvanica* var.
 17 *lanceolata* (Borkh.) Sarg., Green Ash;
- 18 (56) *Gleditsia triacanthos* L., Honey Locust;
- 19 (57) *Grevillea robusta*, Silk-oak;
- 20 (58) *Larix decidua* Mill., European Larch;
- 21 (59) *Larix eurolepis* Henry, Dunkfeld Larch;
- 22 (60) *Larix leptolepis* (Sieb. and Zucc.) Gord.,
 23 Japanese Larch;
- 24 (61) *Larix occidentalis* Nutt., Western Larch;
- 25 (62) *Larix sibirica* Ledeb., Siberian Larch;
- 26 (63) *Libocedrus decurrens*, incense-cedar;
- 27 (64) *Liquidambar styraciflua* L., Sweetgum;
- 28 (65) *Liriodendron tulipifera* L., yellow-poplar;
- 29 (66) *Magnolia grandiflora*, Southern magnolia;
- 30 (67) *Malus* spp., Apple;
- 31 (68) *Malus* spp., Crabapple;
- 32 (69) *Nyssa aquatica* L., Water tupelo;
- 33 (70) *Nyssa sylvatica* var. *sylvatica*, Black tupelo;
- 34 (71) *Picea abies* (L.) Karst., Norway Spruce;
- 35 (72) *Picea engelmanni* Parry, Engelmann Spruce;
- 36 (73) *Picea glauca* (Moench.) Voss, White Spruce;

- 1 (74) *Picea glauca* var. *albertiana* (S. Brown)
2 Sarg., Western White Spruce, Alberta White Spruce;
- 3 (75) *Picea glehnii* (Fr. Schmidt) Mast., Sakhalin
4 Spruce;
- 5 (76) *Picea jezoensis* (Sieb. and Zucc.) Carr,
6 Yeddo Spruce;
- 7 (77) *Picea Koyamai* Shiras, Koyama Spruce;
- 8 (78) *Picea mariana* (Mill.) B.S.P., Black Spruce;
- 9 (79) *Picea omorika* (Pancic.) Purkyne, Serbian
10 Spruce;
- 11 (80) *Picea orientalis* (L.) Link., Oriental Spruce;
- 12 (81) *Picea polita* (Sieb. and Zucc.) Carr,
13 Tigertail Spruce;
- 14 (82) *Picea pungens* Engelm., Blue Spruce, Colorado
15 Spruce;
- 16 (83) *Picea pungens* var. *glauca* Reg., Colorado
17 Blue Spruce;
- 18 (84) *Picea rubens* Sar., Red Spruce;
- 19 (85) *Picea sitchensis* (Bong.) Carr, Sitka Spruce;
- 20 (86) *Pinus albicaulis* Engelm., Whitebark Pine;
- 21 (87) *Pinus aristata* Engelm., Bristlecone Pine;
- 22 (88) *Pinus banksiana* Lamb., Jack Pine;
- 23 (89) *Pinus canariensis* C. Smith, Canary Pine;
- 24 (90) *Pinus caribaea*, Caribbean Pine;
- 25 (91) *Pinus cembroides* Zucc., Mexican Pinyon Pine;
- 26 (92) *Pinus clausa*, Sand Pine;
- 27 (93) *Pinus contorta* Dougl., Lodgepole Pine;
- 28 (94) *Pinus contorta* var. *latifolia* Engelm.,
29 Lodgepole Pine;
- 30 (95) *Pinus coulteri* D. Don., Coulter Pine,
31 Bigcone Pine;
- 32 (96) *Pinus densiflora* Sieb. and Zucc., Japanese
33 Red Pine;
- 34 (97) *Pinus echinata* Mill., Shortleaf Pine;
- 35 (98) *Pinus elliottii* Engelm., Slash Pine;
- 36 (99) *Pinus flexilis* James, Limber Pine;

- 1 (100) *Pinus glabra* Walt., Spruce Pine;
2 (101) *Pinus griffithi* McClelland, Himalayan Pine;
3 (102) *Pinus halepensis* Mill., Aleppo Pine;
4 (103) *Pinus jeffreyi* Grev. and Balf., Jeffrey
5 Pine;
6 (104) *Pinus khasya* Royle, Khasia Pine;
7 (105) *Pinus lambertiana* Dougl., Sugar Pine;
8 (106) *Pinus heldreichii* var. *leucodermis* (Ant.)
9 Markgraf ex Fitschen, Balkan Pine, Bosnian Pine;
10 (107) *Pinus markusii* DeVriese, Markus Pine;
11 (108) *Pinus monticola* Dougl., Western White Pine;
12 (109) *Pinus mugo* Turra., Mountain Pine;
13 (110) *Pinus mugo* var. *mughus* (Scop.) Zenari, Mugo
14 Swiss Mountain Pine;
15 (111) *Pinus muricata* D. Don., Bishop Pine;
16 (112) *Pinus nigra* Arnold, Austrian Pine;
17 (113) *Pinus nigra poiretiana* (Ant.) Aschers and
18 Graebn., Corsican Pine;
19 (114) *Pinus palustris* Mill., Longleaf Pine;
20 (115) *Pinus parviflora* Sieb. and Zucc., Japanese
21 White Pine;
22 (116) *Pinus patula* Schl. and Cham., Jelecote Pine;
23 (117) *Pinus pinaster* Sol., Cluster Pine;
24 (118) *Pinus pinea* L., Italian Stone Pine;
25 (119) *Pinus ponderosa* Laws., Ponderosa Pine,
26 Western Yellow Pine;
27 (120) *Pinus radiata* D. Don., Monterey Pine;
28 (121) *Pinus resinosa* Ait., Red Pine, Norway Pine;
29 (122) *Pinus rigida* Mill., Pitch Pine;
30 (123) *Pinus serotina* Michx., Pond Pine;
31 (124) *Pinus strobus* L., Eastern White Pine;
32 (125) *Pinus sylvestris* L., Scotch Pine;
33 (126) *Pinus taeda* L., Loblolly Pine;
34 (127) *Pinus taiwanensis* Hayata, Formosa pine;
35 (128) *Pinus thunbergii* Parl., Japanese Black pine;
36 (129) *Pinus virginiana* Mill., Virginia Pine,

- 1 Scrub Pine;
- 2 (130) *Plantanus occidentalis* L., American
- 3 Sycamore;
- 4 (131) *Populus* spp., Poplars;
- 5 (132) *Prunus armeriaca* L., Apricot;
- 6 (133) *Prunus avium* (L.) L., Cherry;
- 7 (134) *Prunus domestica* L., Plum, Prune;
- 8 (135) *Prunus persica* Batsch., Peach;
- 9 (136) *Pseudotsuga menziesii* var. *glauca* (Beissn.)
- 10 Franco, Blue Douglas Fir;
- 11 (137) *Pseudotsuga menziesii* var. *caesia* (Beissn.)
- 12 Franco, Gray Douglas Fir;
- 13 (138) *Pseudotsuga menziesii* var. *viridis*, Green
- 14 Douglas Fir;
- 15 (139) *Pyrus communis* L., Pear;
- 16 (140) *Quercus* spp., (Red or black oak group);
- 17 (141) *Quercus alba* L., White Oak;
- 18 (142) *Quercus muehlenbergii* Engelm., Chinkapin
- 19 Oak;
- 20 (143) *Quercus virginiana* Mill., Live Oak;
- 21 (144) *Rhododendron* spp., Rhododendron;
- 22 (145) *Robinia pseudoacacia* L., Black Locust;
- 23 (146) *Rosa multiflora* Thunb., Japanese Rose;
- 24 (147) *Sequoia gigantea* (Lindl.) Decne., Giant
- 25 Sequoia;
- 26 (148) *Sequoia sempervirens* (D. Don.) Engl.,
- 27 Redwood;
- 28 (149) *Syringa vulgaris* L., Common lilac;
- 29 (150) *Thuja occidentalis* L., Northern White
- 30 Cedar, Eastern Arborvitae;
- 31 (151) *Thuja orientalis* L., Oriental Arborvitae,
- 32 Chinese Arborvitae;
- 33 (152) *Thuja plicata* Donn., Western Red Cedar,
- 34 Giant Arborvitae;
- 35 (153) *Tsuga canadensis* (L.) Carr., Eastern
- 36 Hemlock, Canada Hemlock;

- 1 (154) *Tsuga heterophylla* (Raf.) Sarg., Western
2 Hemlock, Pacific Hemlock;
- 3 (155) *Ulmus americana* L., American Elm;
- 4 (156) *Ulmus parvifolia* Jacq., Chinese Elm;
- 5 (157) *Ulmus pumila* L., Siberian Elm;
- 6 (158) *Vitis vulpina* L., Riverbank Grape.

7 1510.0251 KIND AND VARIETY OR TYPE AND PERFORMANCE
8 CHARACTERISTICS OF FLOWER SEEDS.

9 In accordance with Minnesota Statutes, section 21.82,
10 subdivision 8, paragraph (a), clause (1), this part contains the
11 requirements for labeling the kind and variety or a statement of
12 type and performance characteristics for flower seeds prepared
13 for use by home gardeners.

14 A. For seeds of plants grown primarily for their
15 blooms;

16 (1) if the seeds are of a single named variety,
17 the kind and variety must be stated, for example, "Marigold,
18 Butterball";

19 (2) if the seeds are of a single type and color
20 for which there is no specific variety name, the type of plant,
21 if it is significant, and the type and color of bloom must be
22 indicated, for example, "Scabiosa, Tall, Large Flowered, Double,
23 Pink";

24 (3) if the seeds consist of a mixture of colors
25 or a blend of varieties of a single kind, the kind name, the
26 type of plant, if it is significant, and the type of bloom must
27 be indicated, and it must be clearly indicated that the seed is
28 mixed or blended, for example, "Marigold, Dwarf Double French,
29 Mixed Colors" or "Marigold Blend, Dwarf Double French, Mixed
30 Colors";

31 (4) if the seeds consist of a mixture of kinds,
32 it must be clearly indicated that the seed is mixed and the
33 specific use of the mixture must be indicated, for example, "Cut
34 Flower Mixture" or "Rock Garden Mixture." Statements like "Wild
35 Flower Mixture," "General Purpose Mixture," "Wonder Mixture," or
36 any other statement which fails to indicate the specific use of

1 the seed is not permitted unless the specific use of the mixture
2 is also stated.

3 B. For seeds of plants grown for ornamental purposes
4 other than their blooms, the kind and variety must be stated, or
5 the kind must be stated together with a descriptive statement
6 concerning the ornamental part of the plant, for example,
7 "Ornamental Gourds, Small Fruited, Mixed."

8 1510.0261 REQUIREMENTS FOR COMPLETE RECORD.

9 The initial labeler of agricultural, vegetable, flower,
10 tree, or shrub seeds subject to Minnesota Statutes, sections
11 21.82 and 21.83, must have the following information as part of
12 the complete record for each seed lot sold:

13 A. lot number or other lot identification;

14 B. a copy of the genuine grower's declaration or tree
15 seed collector's declaration or similar documents containing the
16 same information;

17 C. copies of invoices showing the sale of each seed
18 lot, including the name of the person the seed was sold to, the
19 amount sold, the date of sale, the name of the kind or kind and
20 variety, and the lot number;

21 D. a copy of the label that was attached to or
22 accompanied the seed lot;

23 E. a copy of the field and final certification
24 documents, if applicable;

25 F. a copy of each report concerning the testing of
26 the seed for labeling purposes; and

27 G. a file sample of the seed lot which is
28 representative of the seed lot and of sufficient size to
29 constitute an official sample as prescribed in section 201.43 of
30 the Federal Seed Act regulations. The prescribed official
31 sample sizes are as follows:

32 (1) two ounces of grass seed not otherwise
33 mentioned, white or alsike clover, or seeds not larger than
34 these;

35 (2) five ounces of red or crimson clover,
36 alfalfa, lespedeza, ryegrass, bromegrass, millet, flax, rape, or

1 seeds of similar size;

2 (3) one pound of sudangrass, sorghum, proso, or
3 seeds of similar size;

4 (4) two pounds of cereals, vetch, or seeds of
5 similar or larger size; and

6 (5) at least 400 vegetable seeds.

7 1510.0271 PROHIBITED WEED SEEDS.

8 The following are weed seeds which are prohibited from
9 being present in agricultural, vegetable, flower, tree, and
10 shrub seeds sold in Minnesota in accordance with Minnesota
11 Statutes, section 21.86, subdivision 1, paragraph (d):

- 12 A. bull thistle (*Cirsium vulgare L.*);
- 13 B. Canada thistle (*Cirsium arvense Scop.*);
- 14 C. musk thistle (*Carduus nutans L.*);
- 15 D. perennial sow thistle (*Sonchus arvensis L.*);
- 16 E. plumeless thistle (*Carduus acanthoides L.*);
- 17 F. field bindweed (*Convolvulus arvensis L.*);
- 18 G. hemp (*Cannabis sativa L.*);
- 19 H. leafy spurge (*Euphorbia esula L.*);
- 20 I. perennial peppergrass (*Lepidium draba L.*); and
- 21 J. Russian knapweed (*Centaurea repens L.*).

22 1510.0281 CHARGES UNDER MINNESOTA SEED LAW.

23 Subpart 1. Definitions. As used in this rule,
24 "commissioner" means the commissioner of agriculture or the
25 commissioner's designee, "person" has the meaning given in
26 Minnesota Statutes, section 21.81, subdivision 18, and "initial
27 labeler" has the meaning given in Minnesota Statutes, section
28 21.81, subdivision 12.

29 Subp. 2. Sampling export seed. In accordance with
30 Minnesota Statutes, section 21.85, subdivision 13, the
31 commissioner shall, if requested, sample seed destined for
32 export to other countries. The fee for sampling export seed is
33 \$20 per hour per inspector.

34 Subp. 3. Seed fee permits. An initial labeler who wishes
35 to sell seed in Minnesota must comply with Minnesota Statutes,

1 section 21.89, subdivisions 1 and 2, and the procedures in this
2 subpart.

3 A. Each initial labeler who wishes to sell seed in
4 Minnesota must apply to the commissioner to obtain a permit.
5 The application must contain the name and address of the
6 applicant, the application date, and the name and title of the
7 applicant's contact person. The application must be accompanied
8 by an application fee of \$10. Initial labelers holding seed fee
9 permits on the effective date of this rule need not apply for a
10 new permit or pay the application fee.

11 (1) If, for reasons beyond the control and
12 knowledge of the initial labeler, seed is shipped into Minnesota
13 by a person other than the initial labeler, the responsibility
14 for the seed fees are transferred to the shipper. An
15 application for a transfer of this responsibility must be made
16 to the commissioner. Upon approval by the commissioner of the
17 transfer, the shipper is responsible for payment of the seed
18 permit fees.

19 (2) Seed permit fees may be included in the cost
20 of the seed either as a hidden cost or as a line item cost on
21 each invoice for seed sold. To identify the fee on an invoice,
22 the words "Minnesota seed permit fees" must be used.

23 B. All seed fee permit holders must file quarterly
24 reports with the commissioner, even if no seed was sold during
25 the reporting period. Each quarterly report must be submitted
26 within 30 days of the end of each reporting period. The
27 reporting periods are January 1 to March 31, April 1 to June 30,
28 July 1 to September 30, October 1 to December 31 of each year.

29 C. The holder of a seed fee permit must pay fees on
30 all seed for which the permit holder is the initial labeler and
31 which are covered by Minnesota Statutes, sections 21.80 to 21.92
32 and sold during the reporting period.

33 (1) For the following kinds of agricultural seed
34 sold either in bulk or containers, the fees are:

35 (a) oats, wheat, barley, 3 cents per cwt.;

36 (b) rye, field beans, soybeans, 4 cents per

1 cwt.;

2 (c) buckwheat, flax, 6 cents per cwt;

3 (d) field corn, 15 cents per cwt.;

4 (e) forage, lawn and turf grasses, and
5 legumes, 20 cents per cwt.;

6 (f) sugar beet, sunflower, 70 cents per
7 cwt.; and

8 (g) other agricultural seeds except
9 vegetables grown for processing, 10 cents per cwt.

10 (2) For vegetable and flower seeds packed in
11 small containers or in bulk for use by home gardeners, the fee
12 is ten cents per \$100 of net sales of these seeds.

13 D. If a seed fee permit holder fails to submit a
14 quarterly report and pay the seed fee within 30 days after the
15 end of each reporting period, the commissioner shall assess a
16 penalty of \$10 or eight percent, calculated on an annual basis,
17 of the fee due, whichever is greater, but no more than \$100 for
18 each late quarterly report. A \$10 penalty will be charged when
19 the quarterly report is late, even if no fee is due for the
20 reporting period. Seed fee permits may be revoked for failure
21 to comply with the applicable provisions of this rule or the
22 Minnesota seed law.

23 Subp. 4. Hybrid seed corn variety registration fee. In
24 accordance with Minnesota Statutes, section 21.90, subdivision
25 2, the annual fee for the registration of each hybrid seed corn
26 variety or blend is \$27.50, which must be paid at the time of
27 registration.

28 Subp. 5. Service testing and identification. The fees in
29 items A to D for purity, germination, identification, or other
30 related tests of seeds or plants for farmers, dealers, and
31 others are established pursuant to Minnesota Statutes, section
32 21.85, subdivision 12.

33 A. General crops, including corn, cereals, soybeans,
34 sorghum, millet, sunflowers, clovers, alfalfa, ryegrass,
35 timothy, flax, rape, vegetable, and other similar seeds:

36 (1) Purity, \$8;

- 1 (2) Germination, \$5;
2 (3) Purity and germination, \$11;
3 (4) Noxious weed seed only, \$4; and
4 (5) Tetrazolium, \$10.

5 B. Grasses, including bromes, fescues, orchardgrass,
6 reed canary, wheat grasses, bluegrasses, bentgrasses, redtop,
7 green needle grass, weeping lovegrass, sandlove, sanddrop seed,
8 flower, and other similar seeds:

- 9 (1) Purity, \$12;
10 (2) Germination, \$7;
11 (3) Purity and germination, \$17;
12 (4) Noxious weed seed only, \$6; and
13 (5) Tetrazolium, \$12.

14 C. Chaffy range grasses, including big bluestem,
15 Indiangrass, side oats grama, gramagrass, little bluestem,
16 meadow foxtail, and similar seeds:

- 17 (1) Purity, \$20;
18 (2) Germination, \$10;
19 (3) Purity and germination, \$28;
20 (4) Noxious weed seed only, \$10; and
21 (5) Tetrazolium, \$18.

22 D. Mixtures. "A" means the full price of the
23 highest-priced species plus one-half the price of each
24 additional species. "B" means one-half of the price of the
25 purity test on the highest-priced species in the mixture.

- 26 (1) Purity, A;
27 (2) Germination, A;
28 (3) Purity and germination, not applicable;
29 (4) Noxious weed seed only, B; and
30 (5) Tetrazolium, A.

31 E. A fee of \$12 per hour will be charged for tests
32 which are specially requested but not included in items A to D,
33 or which require excess time due to abnormal sample conditions,
34 such as unusual amounts of dirt or foreign material.

35 F. An additional fee of \$2 per sample will be charged
36 for any sample for which special handling is requested, such as

1 samples marked "RUSH."

2 G. Fees are payable within 30 days of the invoice
3 date by the person requesting a service. Late payment will
4 result in an eight percent service charge calculated on an
5 annual basis and assessed against the unpaid balance.

6 H. Testing for germination percentage on seed with
7 outdated labeling will be done for one-half of the normal fee
8 when the sample is received during the months of October and
9 November of each year. In order to qualify for this special
10 fee, the person requesting the service must submit a copy of the
11 outdated label for the seed lot that needs new test information
12 for germination percentage in order to be labeled legally for
13 sale in Minnesota.

14 1510.0320 RESTRICTED WEED SEEDS.

15 "Restricted weed seeds" are those weed seeds which, if
16 present in agricultural, vegetable, flower, tree, and shrub
17 seed, must be named on the label together with the number per
18 ounce or pound of seed specified and which may not exceed the
19 legal limit. They are seeds of weeds which are objectionable in
20 fields, lawns, and gardens of this state, and which can be
21 controlled by good cultural practice and use of herbicides.
22 Restricted weed seeds are seeds of buckhorn plantain (*Plantago*
23 *lanceolata* L.), dodder (*Cuscuta* spp.), Frenchweed (*Thlaspi*
24 *arvense* L.), hoary alyssum (*Berteroa incana* D.C.), horse nettle
25 (*Solanum carolinense* L.), wild mustard (*Brassica arvensis* L.),
26 quack grass (*Agropyron repens* L.), wild radish (*Raphanus*
27 *raphanistrum*), giant foxtail (*Seteria faberii*), and Eastern
28 black nightshade (*Solanum ptycanthum* Dun).

29 1510.0340 SAMPLE LABELS FOR AGRICULTURAL SEED.

30 The labels shown in parts 1510.0350 and 1510.0360 are
31 suggestive of suitable arrangement of required labeling data.
32 Any arrangement is legal as long as data is complete and may be
33 read and understood readily by the buyer of the seed.
34 Misleading and confusing statements and data must be avoided.

35 1510.0350 SUGGESTED LABEL FOR SINGLE AGRICULTURAL SEED.

1 This label may be used for hybrid corn, or a special label
 2 may be used. The hybrid corn part may be omitted if not wanted.
 3 If known, the origin of the seed must be stated for all
 4 agricultural seeds or that the origin is unknown if the origin
 5 cannot be determined.

6 KIND..... VARIETY..... LOT NO.....

7 HARD GERM.

8 PURE SEED %..... GERM %.....SEED %..... DATE.....

9 WEED INERT OTHER

10 SEED %..... MATTER %..... CROP %.....

11 NOXIOUS NO. PER

12
 13 WEED SEEDS..... POUND.....
 14 (Name)

15
 16 ORIGIN.....
 17 (State or Foreign Country)
 18

19 FOR HYBRID MINNESOTA RELATIVE MATURITYDAYS

20 CORN:

21 LABELER'S NAME

22 AND ADDRESS.....

23 1510.0360 SUGGESTED LABEL FOR MIXTURES AND BLENDS OF

24 AGRICULTURAL SEED.

25 LOT NO.....

26 KIND.....

27 VARIETY.....

28 PURE SEED %.....

29 GERMINATION %.....

30 HARD SEED %.....

31 ORIGIN.....

32 INERT OTHER

33
 34 WEED SEED %..... MATTER %..... CROP %.....

35
 36 NOXIOUS NO. PER GERM.

37
 38 WEED SEEDS..... POUND..... DATE.....
 39 (Name)

40
 41 LABELER'S NAME

1 AND ADDRESS

2

3 REPEALER. Minnesota Rules, parts 1510.0010; 1510.0120;
4 1510.0160; 1510.0170; 1510.0230; 1510.0240; 1510.0250;
5 1510.0260; 1510.0270; 1510.0280; 1510.0290; and 1510.0300 are
6 repealed.