

# Table of Contents

## 02.06.01 - IDAHO DEPARTMENT OF AGRICULTURE RULES PURE SEED LAW

001. TITLE AND SCOPE. ....	2
002. (RESERVED). ....	2
003. ADMINISTRATIVE APPEAL. ....	2
004. -- 009. (RESERVED). ....	2
010. METHODS OF SAMPLING -- GENERAL PROCEDURE. ....	2
011. -- 049. (RESERVED). ....	3
050. GERMINATION STANDARDS -- TABLE. ....	3
051. -- 099. (RESERVED). ....	4
100. GERMINATION STANDARDS FOR FLOWER SEEDS. ....	4
101. -- 149. (RESERVED). ....	10
150. GERMINATION STANDARDS FOR SEED IN HERMETICALLY SEALED CONTAINERS. ....	10
151. -- 199. (RESERVED). ....	12
200. NOXIOUS WEEDS. ....	12
201. -- 249. (RESERVED). ....	14
250. LABEL REQUIREMENTS OF SEEDS FOR SPROUTING. ....	14
251. -- 299. (RESERVED). ....	15
300. VIABILITY BY TZ%. ....	15
301. -- 399. (RESERVED). ....	15
400. METHODS OF TESTING. ....	15
401. -- 499. (RESERVED). ....	15
500. SERVICE TESTING FEES. ....	15
501. -- 999. (RESERVED). ....	19

**IDAPA 02  
TITLE 06  
Chapter 01**

**02.06.01 - IDAHO DEPARTMENT OF AGRICULTURE RULES PURE SEED LAW**

**001. TITLE AND SCOPE.**

The title of this chapter is Rules Governing the Pure Seed Law. This chapter has the following scope: These rules shall govern procedures for sale or distribution of seed in Idaho. These rules will also establish seed service testing fees for purity, germination, tetrazolium and special tests. The official citation of this chapter is IDAPA 02.06.01.000 et. seq. For example, this section's citation is IDAPA 02.06.01.001. (3-20-97)

**002. (RESERVED).**

**003. ADMINISTRATIVE APPEAL.**

There is no provision for administrative appeals before the Department of Agriculture under this chapter. Hearing and appeal rights are pursuant to Title 67, Chapter 52, Idaho Code. (3-20-97)

**004. -- 009. (RESERVED).**

**010. METHODS OF SAMPLING -- GENERAL PROCEDURE.**

01. Sample. In order to secure a representative sample, equal portions shall be taken from evenly distributed parts of the quantity of seed or screenings to be sampled. Access shall be had to all parts of that quantity. When more than one trierful of seed is drawn from a bag, different paths shall be followed. When more than one handful is taken from a bag, the handfuls shall be taken from well-separated points. (7-1-93)

02. Free Flowing Seed. For free-flowing seed in bags or bulk, a probe or trier shall be used. For small free-flowing seed in bags a probe or trier long enough to sample all portions of the bag shall be used. (7-1-93)

03. Non-Free Flowing Seed. Non-free-flowing seed, such as certain grass seed, uncleaned seed or screenings difficult to sample with a probe or trier, shall be sampled by thrusting the hand into the bulk and withdrawing representative portions. The hand is inserted in an open position and the fingers are held closely together while the hand is being inserted and the portion withdrawn. (7-1-93)

04. Composite Samples. Composite samples shall be obtained to determine the quality of a lot of seed (i.e., percentages of pure seed, other crop seed, weed seed, inert matter and germination). Individual bag samples may be obtained to determine if the lot of seed is uniform. (7-1-93)

a. To determine if there is an obvious lack of uniformity of seed from which a composite sample is being obtained, each portion shall be examined and the portions shall then be combined to form a composite sample or samples. (7-1-93)

b. If the lot is found not to be uniform when obtaining a composite sample to determine its quality then additional individual bag samples shall be taken for the purpose of testing for uniformity. (7-1-93)

c. Such individual bag samples may also be taken for the purpose of testing for uniformity even though a composite sample has not previously been obtained. The identity of each individual bag sample must be maintained. (7-1-93)

05. Bulk. Bulk seed or screenings shall be sampled by inserting a long probe or thrusting the hand into the bulk, as circumstances require, in at least seven uniformly distributed parts of the quantity being sampled. At least as many trierfuls or handfuls shall be taken as the minimum which would be required for the same quantity of seed or screenings in bags of a size customarily used for such seed or screenings. (7-1-93)

06. Bags. (7-1-93)

a. For lots of six (6) bags or less, each bag shall be sampled. A total of at least five (5) trierfuls shall

be taken. (7-1-93)

b. For lots of more than six (6) bags, five (5) bags plus at least 10 percent (10%) of the number of bags in the lots shall be sampled. (Round off numbers with decimals to the nearest whole number, raising five tenths (.5) to the next whole number.) Regardless of the lot size it is not necessary that more than thirty (30) bags be sampled. (7-1-93)

c. Samples shall be drawn from unopened bags except under circumstances where the identity of the seed has been preserved. (7-1-93)

07. Packets. In sampling seed in packets, entire unopened packets shall be taken. (7-1-93)

08. Size of Sample. (7-1-93)

a. For composite sample to test for quality, the following are minimum weights for samples of seed to be submitted for analysis, test or examination (7-1-93)

i. Two (2) ounces (approximately fifty five (55) grams) of grass seed not otherwise mentioned, white or alsike clover, or seeds not larger than these. (7-1-93)

ii. Five (5) ounces (approximately one hundred fifty (150) grams) of red or crimson clover, alfalfa, lespedezas, ryegrasses, bromegrasses, millet, flax, rape, or seeds of similar size. (7-1-93)

iii. One pound of Sudangrass, sorghum, proso, hemp seed or seeds of similar size. (7-1-93)

iv. Two (2) pounds (approximately one thousand (1,000) grams) of cereals, vetches, or seeds of similar or larger size. (7-1-93)

b. For individual bag samples to test for uniformity. (7-1-93)

i. The size of any individual bag sample to determine uniformity in a lot of seed shall be not less than the quantities set out in the "Rules and Regulations, under the Federal Seed Act" (53 Statute 1275) (Subsection 201.46). (7-1-93)

ii. If the sample drawn is larger than desired, it shall be thoroughly mixed before it is divided to the desired size. (7-1-93)

09. Forwarding and Receipt of Official Samples. Before being forwarded for analysis test or examination, the containers of official samples shall be properly sealed and identified. The containers of official samples shall be initialed and dated and the sample weighed by the person who breaks the seals. (7-1-93)

**011. -- 049. (RESERVED).**

**050. GERMINATION STANDARDS -- TABLE.**

Germination Standards for Vegetable Seeds, which shall be construed to include hard seed.

	Percent		Percent
Artichoke	60	Eggplant	60
Asparagus	70	Endive	70
Asparagusbean	75	Kale	75
Bean, garden	70	Kale, Chinese	75
Bean, lima	70	Kohlrabi	75

	Percent		Percent
Bean, runner	75	Leek	60
Beet	65	Lettuce	80
Broadbean	75	Muskmelon	75
Broccoli	75	Mustard, India	75
Brussels sprouts	70	Mustard, spinach	75
Burdock, great	60	Okra	50
Cabbage	75	Onion	70
Cabbage, tronchuda	75	Onion, Welsh	70
Cantaloupe (See muskmelon)		Pak-choi	75
Cardoon	60	Parsley	60
Carrot	55	Parsnip	60
Cauliflower	75	Pea	80
Celeriac	55	Pepper	55
Celery	55	Pumpkin	75
Chard, Swiss	65	Radish	75
Chicory	65	Rhubarb	60
Chinese Cabbage	75	Rutabaga	75
Chives	50	Salsify	75
Citron	65	Sorrel	65
Collards	80	Soybean	75
Corn, sweet	75	Spinach	60
Cornsalad	70	Spinach, New Zealand	40
Cowpea	75	Squash	75
Cress, garden	75	Tomato	75
Cress, upland	60	Tomato, husk	50
Cress, water	40	Turnip	80
Cucumber	80	Watermelon	70
Dandelion	60		

(7-1-93)

**051. -- 099. (RESERVED).**

**100. GERMINATION STANDARDS FOR FLOWER SEEDS.**

The kinds of flower seeds listed below are those for which standard testing procedures have been prescribed by the Association of Official Seed Analysts (AOSA) and which are required by the labeling provisions of Section 22-415, Idaho Code. The percentage listed opposite each kind is the germination standard for that kind. For the kinds marked with an asterisk, the percentage is arrived at by totaling the percent germination and percent hard seed. (7-1-93)

01. Table 1.

(7-1-93)

<b>Kind:</b>	<b>Percent:</b>
Achillea (The Pearl) - <i>Achillea ptarmica</i>	50
African Daisy - <i>Dimorphotheca aurantiaca</i>	55
African Violet - <i>Saintpaulia</i> spp.	30
Ageratum - <i>Ageratum mexicanum</i>	60
Agrostemma (rose champion) - <i>Agrostemma coronaria</i>	65
Alyssum - Alyssum campactum, <i>A. maritimum</i> , <i>A. procumbens</i> , <i>A. saxatile</i>	60
Amaranthus - <i>Amaranthus</i> spp.	65
Anagalis (pimpernel) - <i>Anagalis arvensis</i> , <i>Anagalis coerulea</i> , <i>Anagalis grandiflora</i>	60
Anemone - <i>Anemone coronaria</i> , <i>A. pulsatilla</i>	55
Angel's Trumpet - <i>Datura arborea</i>	60
Arabis - <i>Arabis alpina</i>	60
Arctotis (African lilac daisy) - <i>Arctotis grandis</i>	45
Armeria - <i>Armeria formosa</i>	55
Asparagus, fern - <i>Asparagus plumosus</i>	50
Asparagus, sprenger - <i>Asparagus sprengeri</i>	55
Aster, China - <i>Callistephus chinensis</i> ; except Pompon, Powderpuff, and Princess types	55
Aster, China - <i>Callistephus chinensis</i> ; Pompon, Powderpuff, and Princess types	50
Aubretia - <i>Aubretia deltoides</i>	45
Baby Smilax - <i>Asparagus asparagoides</i>	25
Balsam - <i>Impatiens balsamina</i>	70
Begonia - <i>Begonia</i> fibrous rooted	60
Begonia - <i>Begonia</i> tuberous rooted	50
Bells of Ireland - <i>Molucella laevis</i>	60
Brachycome (swan river daisy) - <i>Brachycome iberidifolia</i>	60
Browallia - <i>Browallia elata</i> and <i>B. speciosa</i>	65
Buphthalmum (sunwheel) - <i>Buphthalmum salicifolium</i>	60
Calceolaria - <i>Calceolaria</i> spp.	60
Calendula - <i>Calendula officinalis</i>	65
California Poppy - <i>Eschscholtzia californica</i>	60

Kind:	Percent:
Calliopsis - Coreopsis bicolor, C. drummondii, C. elegans	65
Campanula:	
Canterbury Bells - Campanula medium	60
Cup and Saucer Bellflower - Campanula medium calycanthema	60
Carpathian Bellflower - Campanula carpatica	50
Peach Bellflower - Campanula persicifolia	50
Candytuft, Annual - Iberis amara, I. umbellata	65
Candytuft, Perennial - Iberis gibraltarica, I. sempervirens	55
*Castor Bean - Ricinus communis	60
Cathedral Bells - Cobaea scandens	65
Celosia - Celosia argentea	65
Centaurea:	
Basket Flower - Centaurea americana,	
Cornflower - C. cyanus,	
Dusty Miller - C. candidissima,	
Royal Centaurea - C. imperialis,	
Sweet Sultan - C. moschata,	
Velvet Centaurea - C. gymnocarpa	60
Cerastium (snow-in-summer) - Cerastium biebersteini and C. tomentosum	65
Chinese Forget-me-not - Cynoglossum amabile	55
Chrysanthemum, Annual - Chrysanthemum carinatum, C. coronarium, C. segetum	40
Cineraria - Senecio cruentus	60
Clarkia - Clarkia elegans	65
Cleome - Cleome gigantea	65
Coleus - Coleus blumei	65
Columbine - Aquilegia spp.	50
Coral Bells - Heuchera sanguinea	55
Coreopsis, Perennial - Coreopsis lanceolata	40
Corn, ornamental - Zea mays	75
Cosmos:	
Sensation, Mammoth and Crested types - Cosmos bipinnatus;	
Klondyke type - C. sulphureus	65
Crossandra - (Crossandra infundibuliformis)	50
Dahlia - Dahlia spp.	55
Daylily - Hemerocallis spp.	45
Delphinium, Perennial:	
Belladonna and Bellamosum types;	
Cardinal Larkspur - Delphinium cardinale;	
Chinensis types; Pacific Giant, Gold Medal and other hybrids of D. elatum	55

Kind:	Percent:
Dianthus:	
Carnation - <i>Dianthus caryophyllus</i>	60
China Pinks - <i>Dianthus chinensis</i> , <i>heddewigi</i> , <i>heddensis</i>	70
Grass Pinks - <i>Dianthus plumarius</i>	60
Maiden Pinks - <i>Dianthus deltoides</i>	60
Sweet William - <i>Dianthus barbatus</i>	70
Sweet Wivelsfield - <i>Dianthus allwoodi</i>	60
Didiscus - (blue lace flower) - <i>Didiscus coerulea</i>	65
Doronicum (leopard's bane) - <i>Doronicum caucasicum</i>	60
Dracaena - <i>Dracaena indivisa</i>	55
Dragon Tree - <i>Dracaena draco</i>	40
English Daisy - <i>Bellis perennis</i>	55
Flax - Golden flax ( <i>Linum flavum</i> ); Flowering flax <i>L. grandiflorum</i> ; Perennial flax, <i>L. perenne</i>	60
Flowering Maple - <i>Abutilon</i> spp.	35
Foxglove - <i>Digitalis</i> spp.	60
Gaillardia, Annual - <i>Gaillardia pulchella</i> ; <i>G. picta</i> ; Perennial - <i>G. grandiflora</i>	45
Gerbera (transvaal daisy) - <i>Gerbera jamesoni</i>	60
Geum - <i>Geum</i> spp.	55
Gilia - <i>Gilia</i> spp.	65
Gloriosa daisy (rudbeckia) - <i>Echinacea purpurea</i> and <i>Rudbeckia hirta</i>	60
Gloxinia - ( <i>Sinningia speciosa</i> )	40
Godetia - <i>Godetia amoena</i> , <i>G. grandiflora</i>	65
Gourds:	
Yellow Flowered - <i>Cucurbita pepo</i> ; White Flowered - <i>Lagenaria siceraria</i> ; Dishcloth - <i>Luffa cylindrica</i>	70
Gypsophila:	
Annual Baby's Breath - <i>Gypsophila elegans</i> ; Perennial Baby's Breath - <i>G. paniculata</i> , <i>G. pacifica</i> , <i>G. repens</i>	70
Helenium - <i>Helenium autumnale</i>	40
Helichrysum - <i>Helichrysum monstrosum</i>	60
Heliopsis - <i>Heliopsis scabra</i>	55
Heliotrope - <i>Heliotropium</i> spp.	35
Helipterum ( <i>Acroclinium</i> ) - <i>Helipterum roseum</i>	60

Kind:	Percent:
Hesperis (sweet rocket) - <i>Hesperis matronalis</i>	65
*Hollyhock - <i>Althea rosea</i>	65
Hunnemania (mexican tulip poppy) - <i>Hunnemania fumariaefolia</i>	60
*Hyacinth bean - <i>Dolichos lablab</i>	70
Impatiens - <i>Impatiens holstii</i> , <i>I. sultani</i>	55
*Ipomea - Cypress Vine - <i>Ipomea quamoclit</i> ; Moonflower - <i>I. noctiflora</i> ; Morning Glories, Cardinal Climber, Hearts and Honey Vine - <i>Ipomea</i> spp.	75
Jerusalem cross (maltese cross) - <i>Lychnis chalcidonica</i>	70
Job's Tears - <i>Coix lacrymajobi</i>	70
Kochia - <i>Kochia childsi</i>	55
Larkspur, Annual - <i>Delphinium ajacis</i>	60
Lantana - <i>Lantana camara</i> , <i>L. hybrida</i>	35
Lilium (regal lily) - <i>Lilium regale</i>	50
Linaria - <i>Linaria</i> spp.	65
Lobelia, Annual - <i>Lobelia erinus</i>	65
Lunaria, Annual - <i>Lunaria annua</i>	65
*Lupine - <i>Lupinus</i> spp.	65
Marigold - <i>Tagetes</i> spp.	65
Marvel of Peru - <i>Mirabilis jalapa</i>	60
Matricaria (feverfew) - <i>Matricaria</i> spp.	60
Mignonette - <i>Reseda odorata</i>	55
Myosotis - <i>Myosotis alpestris</i> , <i>M. oblongata</i> , <i>M. palustris</i>	50
Nasturtium - <i>Tropaeolum</i> spp.	60
Nemesia - <i>Nemesia</i> spp.	65
Nemophila - <i>Nemophila insignis</i>	70
Nemophila, spotted - <i>Nemophila maculata</i>	60
Nicotiana - <i>Nicotiana affinis</i> , <i>N. sanderae</i> , <i>N. sylvestris</i>	65
Nierembergia - <i>Nierembergia</i> spp.	55
Nigella - <i>Nigella damascena</i>	55
Pansy - <i>Viola tricolor</i>	60
Penstemon - <i>Penstemon barbatus</i> , <i>P. grandiflorus</i> , <i>P. laevigatus</i> , <i>P. pubescens</i>	60
Petunia - <i>Petunia</i> spp.	45
Phacelia - <i>Phacelia campanularia</i> , <i>P. minor</i> , <i>P. tanacetifolia</i>	65
Phlox, Annual - <i>Phlox drummondii</i> all types and varieties	55



Kind:	Percent:
Physalis - Physalis spp.	60
Platycodon (balloon flower) - Platycodon grandiflorum	60
Plumbago, cape - Plumbago capensis	50
Ponytail - Beaucarnea recurvata	40
Poppy: Shirley Poppy - Papaver rhoeas; Iceland Poppy - P. nudicaule; Oriental Poppy - P. orientale; Tulip Poppy - P. glaucum	60
Portulace - Portulace grandiflora	55
Primula (Primrose) - Primula spp.	50
Pyrethrum (painted daisy) - Pyrethrum coccineum	60
Salpiglossis - Salpiglossis gloxinaeflora, S. sinuata	60
Salvia - Scarlet Sage - Salvia splendens; Mealycup Sage (blue bedder) - Salvia farinacea	50
Saponaria - Saponaria ocymoides, S. vaccaria	60
Scabiosa, Annual - Scabiosa atropurpurea	50
Scabiosa, Perennial - Scabiosa caucasica	40
Schizanthus - Schizanthus spp.	60
*Sensitive plant (mimosa) - Mimosa pudica	65
Shasta Daisy - Chrysanthemum maximum, C. leucanthemum	65
Silk Oak - Grevillea robusta	25
Snapdragon - Antirrhinum spp.	55
Solanum - Solanum spp.	60
Statice - Statice sinuata, S. suworonii (flower heads)	50
Stocks: Common - Mathiola incana; Evening Scented - Mathiola bicornis	65
Sunflower - Helianthus spp.	70
Sunrose - Helianthemum spp.	30
*Sweet Pea, Annual and Perennial other than dwarf bush - Lathyrus odoratus, L. latifolius	75
*Sweet Pea, dwarf bush - Lathyrus odoratus	65
Tahoka daisy - Machaeranthera tanacetifolia	60
Thunbergia - Thunbergia alata	60
Torch Flower - Tithonia speciosa	70
Torenia (wishbone flower) - Torenia fournieri	70

Kind:	Percent:
Tritoma Kniphofia spp.	65
Verbena, Annual - Verbena hybrida	35
Vinca - Vinca rosea	60
Viola - Viola cornuta	55
Virginian stocks - Malcolmia maritima	65
Wallflower - Cheiranthus allioni	65
Yucca (Adam's needle) - Yucca filamentosa	50
Zinnia (except Linearis and Creeping) - Zinnia angustifolia, Z. elegans, Z. grandiflora, Z. gracillima, Z. haegeana, Z. multiflora, Z. pumila	65
Zinnia, Linearis and Creeping - Zinnia linearis, Sanvitalia procumbens	50
All other kinds	50

(7-1-93)

02. Below Standard. A mixture of kinds of flower seeds will be considered to be below standard if the germination of any kind or combination of kinds constituting 25 percent (25%) or more of the mixture by number is below standard for the kind or kinds involved. (7-1-93)

**101. -- 149. (RESERVED).**

**150. GERMINATION STANDARDS FOR SEED IN HERMETICALLY SEALED CONTAINERS.**

The period of validity of germination tests is extended to the following period for seed packaged in hermetically sealed containers under conditions and label requirements set forth in this section. (7-1-93)

01. Germination Tests. The germination test for agricultural and vegetable seed shall have been completed within the following period, exclusive of the calendar month in which the test was completed, immediately prior to shipment, delivery, transportation or sales: (7-1-93)

a. In the case of agricultural or vegetable seeds shipped, delivered, transported or sold to a dealer for resale, 18 months; (7-1-93)

b. In the case of agricultural or vegetable seeds for sale or sold at retail, thirty-six (36) months. (7-1-93)

02. Conditions of Packaging. The following standards, requirements, conditions must be met before seed is considered to be hermetically sealed under the provisions of this Act: (7-1-93)

a. The seed was packaged within nine months after harvest. (7-1-93)

b. The container used does not allow water vapor penetration through any wall, including the seals, greater than five hundredths (0.05) gram of water per twenty-four (24) hours per one hundred (100) square inches of surface at one hundred degrees F. (100F) with a relative humidity on one side of ninety percent (90%) and on the other of zero percent (0%). Water vapor penetration or WVP is measured by the standards of the U.S. Bureau of Standards as-gm. H<sub>2</sub>O/24 hr./100 sq. in./100 F/ 90% RHV. 0% RH. (7-1-93)

03. Moisture. The seed in the container does not exceed the percentage of moisture, on a wet weight basis, as listed below: (7-1-93)

a. Table 1. (7-1-93)

Agricultural Seeds	Percent
Beet, field	7.5
Beet, sugar	7.5
Bluegrass, Kentucky	6.0
Clover, crimson	8.0
Fescue, red	8.0
Ryegrass, annual	8.0
Ryegrass, perennial	8.0
All other agricultural seeds	6.0
Mixtures of above	8.0

b. Table 2.

(7-1-93)

Vegetable Seeds	Percent
Bean, garden	7.0
Bean, lima	7.0
Beet	7.5
Broccoli	5.0
Brussels sprouts	5.0
Cabbage	5.0
Carrot	7.0
Cauliflower	5.0
Celeriac	7.0
Celery	7.0
Chard, Swiss	7.5
Chinese cabbage	5.0
Chives	6.5
Collards	5.0
Corn, sweet	8.0
Cucumber	6.0
Eggplant	6.0
Kale	5.0
Kohlrabi	5.0
Leek	6.5

Vegetable Seeds	Percent
Lettuce	5.5
Muskmelon	6.0
Mustard, India	5.0
Onion	6.5
Onion, Welsh	6.5
Parsley	6.5
Parsnip	6.0
Pea	7.0
Pepper	4.5
Pumpkin	6.0
Radish	5.0
Rutabaga	5.0
Spinach	8.0
Squash	6.0
Tomato	5.5
Turnip	5.0
Watermelon	6.5
All other vegetable seeds	6.0

(7-1-93)

04. Labeling. The container is conspicuously labeled in not less than 8-point type to indicate that the container is hermetically sealed, that the seed has been preconditioned as to moisture content, and the calendar month and year in which the germination test was completed. (7-1-93)

05. Germination. The percentage of germination of seed at the time of packaging was equal to or above the standards specified elsewhere in these rules. (7-1-93)

**151. -- 199. (RESERVED).**

**200. NOXIOUS WEEDS.**

01. Prohibited Noxious Weed Seeds -- Table 1.

Common Name	Scientific Name
1. Beancaper, Syrian	1. <i>Zygophyllum fabago</i> L.
2. Bindweed, Field	2. <i>Convolvulus arvensis</i> L.
3. Buffalobur	3. <i>Solanum rostratum</i> Dun.
4. Bursage, Skeleton leaf	4. <i>Ambrosia tomentosa</i> Nutt.

Common Name	Scientific Name
5. Camelthorn	5. <i>Alhagi camelorum</i> Fisch.
6. Carrot, Wild	6. <i>Daucus carota</i> L.
7. Cress, Hoary	7. <i>Cardaria draba</i> (L.) Desv.
8. Crupina, Common	8. <i>Crupina vulgaris</i> Cass.
9. Fieldcress, Austrian	9. <i>Rorippa austriaca</i> (Crantz) Bess.
10. Goatgrass	10. <i>Aegilops cylindrica</i> Host
11. Groundcherry, Smooth	11. <i>Physalis subglabrata</i> Mackenz. & Bush
12. Henbane, Black	12. <i>Hyoscyamus niger</i> L.
13. Johnsongrass	13. <i>Sorghum halepense</i> L.
14. Knapweed, Diffuse	14. <i>Centaurea diffusa</i> Lam.
15. Knapweed, Russian	15. <i>Centaurea repens</i> L.
16. Knapweed, Spotted	16. <i>Centaurea maculosa</i> Lam.
17. Lythrum, Purple	17. <i>Lythrum salicaria</i> L.
18. Nightshade, Silverleaf	18. <i>Solanum elaeagnifolium</i> Cav.
19. Pepperweed, Perennial	19. <i>Lepidium latifolium</i> L.
20. Poison-Hemlock	20. <i>Conium maculatum</i> L.
21. Puncturevine	21. <i>Tribulus terrestris</i> L.
22. Quackgrass	22. <i>Elytrigia repens</i> ; <i>Agropyron repens</i> (L.) Beauv.
23. Ragwort, Tansy	23. <i>Senecio jacobaea</i> L.
24. Skeletonweed, Rush	24. <i>Chondrilla juncea</i> L.
25. Sowthistle, Perennial	25. <i>Sonchus arvensis</i> L.
26. Spurge, Leafy	26. <i>Euphorbia esula</i> L.
27. St. Johnswort, Common	27. <i>Hypericum perforatum</i> L.
28. Starthistle, Yellow	28. <i>Centaurea solstitialis</i> L.
29. Swainsonpea	29. <i>Sphaerophys salsula</i> (Pall.) DC; <i>Swainsona salsula</i> (Pallas) Taubert
30. Thistle, Canada	30. <i>Cirsium arvense</i> (L.) Scop.
31. Thistle, Musk	31. <i>Carduus nutans</i> L.
32. Thistle, Scotch	32. <i>Onopordum acanthium</i> L.
33. Toadflax, Dalmatian	33. <i>Linaria genistifolia</i> spp. <i>dalmatica</i> (L.) Maire & Petit-mengin
34. Toadflax, Yellow	34. <i>Linaria vulgaris</i> Mill.
35. Woad, Dyers	35. <i>Isatis tinctoria</i> L.

(7-1-93)

02. Restricted Noxious Weed Seeds -- Table 2.

Common Name	Scientific Name
1. Dodder	1. <i>Cuscuta</i> spp.
2. Halogeton	2. <i>Halogeton glomeratus</i> (Stephen ex Bieb.) C.A. Mey
3. Lettuce, Blue	3. <i>Lactuca pulchella</i> (Pursch) DC.
4. Oats, Wild	4. <i>Avena fatua</i> L.
5. Plantain, Buckhorn	5. <i>Plantago lanceolata</i> L.
6. Ragweed, Western and Perennial	6. <i>Ambrosia psilostachya</i> DC., (T. & G.) Farw.
7. Rye, Medusahead	7. <i>Taeniatherum caput-medusae</i> (L.) Nevski; <i>Elymus caput-medusae</i> (L.)
8. Sumpweed, Poverty	8. <i>Iva axillaris</i> Pursh

(7-1-93)

03. Restricted Noxious Weed Tolerances.

(7-1-93)

a. Seven (7) seeds in fifty (50) grams of *Agrotis* species, *Poa* species, Rhodes grass, Bermudagrass, timothy, celery, and other agricultural or vegetable seeds of similar size and weight, within this group. (7-1-93)

b. Seven (7) seeds in each fifty (50) grams of Dallisgrass, ryegrass, fescue species, foxtail millets, alfalfa, red clover, sweetclover, lespedeza, bromegrass, Brassica species, carrot, onion, and other agricultural or vegetable seeds of similar size and weight or mixtures within this group, or mixtures of this group with those in group A. (7-1-93)

c. Seven (7) seeds in fifty (50) grams of alsike clover, white clover, and other agricultural or vegetable seeds of similar size and weight or mixtures within this group, with those in group A or group B. (7-1-93)

d. Eight (8) seeds in one hundred fifty (150) grams of Proso millet, Sudangrass, and seeds of similar size and weight, or mixtures of seed within this group. (7-1-93)

e. Forty-five (45) seeds in each pound for all wheatgrass species. (7-1-93)

f. Four (4) seeds in each five hundred (500) grams of wheat, oats, rye, barley, buckwheat, sorghums, vetches, field peas, and other seeds of a size and weight similar to or greater than those within this group, or any mixtures within this group. (7-1-93)

g. Containing more than one percent (1%) by weight of weed seeds including restricted noxious weed seeds referred to in Section 22-414(15), Idaho Code, provided, that three percent (3%) of cheat, chess, or downy brome shall be allowed in grass seed in which these weeds are found. (7-1-93)

**201. -- 249. (RESERVED).**

**250. LABEL REQUIREMENTS OF SEEDS FOR SPROUTING.**

The following information shall be indicated on all labels of seeds sold for sprouting in health food stores or other outlets: (7-1-93)

01. Name. Commonly accepted name of kind. (7-1-93)

- 02. Lot. Lot number. (7-1-93)
- 03. Percentage. Percentage by weight of the pure seed, crop seeds, inert matter, and weed seeds if required. (7-1-93)
- 04. Germination Percentage. Percentage of germination. (7-1-93)
- 05. Date. The calendar month and year the test was completed to determine such percentage. (7-1-93)

**251. -- 299. (RESERVED).**

**300. VIABILITY BY TZ%.**

A TZ (tetrazolium) test may be used in lieu of germination for the following species. The label shall read "viability by TZ%." (7-1-93)

- 01. Bitterbrush. (7-1-93)
- 02. Saltbush. (7-1-93)
- 03. Sagebrush. (7-1-93)
- 04. Indian ricegrass. (7-1-93)
- 05. Winterfat. (7-1-93)

**301. -- 399. (RESERVED).**

**400. METHODS OF TESTING.**

All methods used in testing and analyzing seed subject to this Act and the tolerances used in the enforcement of this Act shall conform as nearly as practicable to the current "Rules for Testing Seed adopted by the Association of Official Seed Analysts". (AOSA) file at the Idaho Department of Agriculture, State Seed Lab located at 2240 Kellogg Lane, Boise, Idaho 83712 and through the State Auditor's Office, Division of Statewide Rules, Office of the Rules Coordinator, located at 700 West State Street, Boise, Idaho 83720. (7-1-93)

**401. -- 499. (RESERVED).**

**500. SERVICE TESTING FEES.**

- 01. Table 1. Purity, Germination and Tetrazolium Fees.

Purity, Germination and Tetrazolium Fees			
Kind of Seeds:	Purity* \$/Unit	Germination** \$/Unit	Tetrazolium \$/Unit
Alfalfa	14.50	12.75	22.00
Alkali grass	17.50	11.00	22.00
Asparagus	14.50	12.75	22.00
Beans:			
Field and Garden	12.00	12.75	20.00
Lima	11.50	17.00	20.00
Beets	18.00	20.00	27.00

Purity, Germination and Tetrazolium Fees			
Kind of Seeds:	Purity* \$/Unit	Germination** \$/Unit	Tetrazolium \$/Unit
Bentgrass and Red top	32.00	15.00	24.00
Bermuda grass	21.00	14.00	22.00
Blue Gama	26.00	17.00	22.00
Bluegrass	22.50	15.00	22.00
Brassica (Except Radish)	33.00	15.00	24.00
Bromegrass	23.50	12.75	22.00
Canary grass	17.50	11.75	22.00
Cantaloupe	14.00	12.00	22.00
Carrot	14.50	13.00	22.00
Celery	16.50	12.75	22.00
Cereals (Except Oats)	15.00	12.50	22.00
Clovers:			
Red Clover	15.50	12.75	22.00
Other Clovers	15.00	13.00	22.00
Corn	14.50	12.50	18.00
Cucumbers	14.00	12.00	22.00
Eggplant	14.00	12.00	22.00
Endive	14.00	12.50	22.00
Fescue	22.00	12.75	22.00
Flax	21.00	14.00	22.00
Flowers	16.00	16.00	25.00
Green Needlegrass	18.00	16.00	22.00
Indian Ricegrass	17.50	16.00	22.00
Leek	17.00	15.00	22.00
Lentil	14.00	12.75	22.00
Lettuce	14.50	12.50	22.00
Little/Small Burnet	15.00	14.00	22.00
Meadow Foxtail	26.00	13.50	22.00
New Zealand Spinach	14.00	21.00	27.00
Oats	16.50	12.50	22.00
Oatgrass	17.50	11.00	25.00
Okra	26.00	14.00	22.00
Onion	14.50	12.75	22.00



Purity, Germination and Tetrazolium Fees			
Kind of Seeds:	Purity* \$/Unit	Germination** \$/Unit	Tetrazolium \$/Unit
Orchardgrass	25.50	14.00	22.00
Parsley	14.50	12.50	22.00
Parsnip	14.50	12.50	22.00
Peas:			
Field and Garden	14.00	13.00	20.00
Chickpeas	12.00	16.50	20.00
Pepper	14.50	13.00	22.00
Pumpkin	14.00	12.50	22.00
Radish	14.50	12.75	22.00
Ryegrass	22.00	12.00 24.00***	22.00
Sagebrush	35.00/Hour	15.50	25.00
Sainfoin	14.50	13.00	22.00
Saltbush	16.00	14.50	25.00
Cut Test		20.00	
Squash	14.00	12.50	22.00
Sudangrass/Sorghum	17.00	14.00	22.00
Sunflower	21.50	12.50	22.00
Swiss Chard	18.00	20.00	27.00
Timothy	17.00	12.00	22.00
Tomato	14.50	12.00	22.00
Trees/Shrubs	14.50	15.50	25.00
Trefoil	15.00	13.00	22.00
Vetches	15.00	12.75	22.00
Watermelon	14.00	12.50	22.00
Wheatgrasses	34.00	15.00	22.00
Wild rye	21.00	12.00	22.00
Winterfat	35.00/Hour	17.50	22.00

\*All samples submitted for purity should contain a minimum of three thousand (3,000) seeds.

\*\*All samples submitted for germination should contain a minimum of eight hundred (800) seeds.

\*\*\*With Fluorescence

(3-20-97)

02. Table 2. Special Testing Fees.

Table 2. Special Testing Fees	
Test Procedures:	Fees \$/Unit
All States Noxious	10.50
Canada:	
Purity	11.50 Added to purity fee
Germination	2.00 Added to germination fee
Cold Test	21.00
Crop Check Only	22.00
Crop & Weed Check	22.00
Dodder Check	12.00
Dormancy Percentage	Dormant % found x germination fee
E.C. Norms	18.00
Ergot/Sclerotinia Check	11.00
Foreign Material	10.50
Fungus/Smut	16.00
Grading (beans)	16.00
Hay Pellet Germination	16.00
Identification	3.00
Inert Check Only	10.50
Inventory Germinations (For Carryover Seed Only)	20% Discount of listed germination fee; Available only for the months of March through July.
ISTA:	
Purity	11.50 Added to purity fee
Germination	2.00 Added to germination fee
Mixtures:	
Purity	11.00 Added per kind exceeding 5%
Germination	11.00 Added per kind exceeding 5%
Tetrazolium	16.00 Added per kind exceeding 5%
Moisture Test	12.50
1,000 Seed Count	11.00
Pest & Disease Check	11.00
Quarantine (Poa annua & Poa trivialis)	26.50
Rumex Check	10.50

Table 2. Special Testing Fees	
Test Procedures:	Fees \$/Unit
Sod Check (Phone Report Only)	25.00
Sod Quality:	
Bentgrass	60.00
Bermudagrass	58.00
Bluegrass	58.00
Fescue	41.00
Ryegrass	33.00
Sodium Hydroxide	10.00
Soil Check	12.00
Soil Germination	21.00
Sprout Check	10.50
Undesirable Grass Species	23.00
Weed Check Only	22.00

(3-20-97)

03. Table 3. Miscellaneous Fees.

Table 3. Miscellaneous Fees	
Type of Service:	Fees \$/Unit
FAX	2.50 per sheet
Hourly Charge for Analysis	35.00
Preparation Time	35.00/Hour: When necessary on germination and tetrazolium samples.
Reports:	
Copies	1.00
Merge Records	3.50
Retyped	4.00
Revised	6.00
Rush Service	18.00: Not offered on mixtures or species with hourly purity fees

(3-20-97)

501. -- 999. (RESERVED).