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**901:5-27-02      Testing of seed.**

The methods of sampling, inspecting, analyzing, testing and examining agricultural, flower and vegetable seed offered for sale or sold in Ohio under the provisions of sections 907.01 to 907.13 of the Revised Code, and the tolerances permitted for evaluating those samples, inspections, analyses, tests and examinations shall be those adopted in the "Rules for Testing Seed" published by the association of official seed analysts, October ~~2011~~2018.

**901:5-27-03      Labeling seed as to kind and variety.**

Seed kinds labeled with a brand name and not a variety name shall be labeled with the phrase "variety not stated." Varieties of the following kinds of seeds are generally labeled as to variety and shall be labeled as to kind and variety or, in lieu of the variety name, the phrase "variety not stated," or "VNS":

- (A) Alfalfa;
- (B) Barley;
- (C) Smooth bromegrass;
- (D) Buckwheat;
- (E) Red clover;
- (F) Field corn;
- (G) Pop corn;
- (H) Sweet corn;
- (I) Kentucky bluegrass;
- (J) Crownvetch;
- (K) Tall fescue;
- (L) Red fescue;
- (M) Chewings fescue;
- (N) Foxtail millet;
- (O) Orchard grass;
- (P) Oats;
- (Q) Rye;
- (R) Ryegrass;
- (S) Sorghum;
- (T) Sorghum-Sudan hybrids;

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- (U) Soybeans;
- (V) Spelt;
- (W) Sudangrass;
- (X) Sunflower;
- (Y) Timothy;
- (Z) Tobacco;
- (AA) Birdsfoot trefoil;
- (BB) Triticale;
- (CC) Wheat; and
- (DD) Tillage radish.

**901:5-27-04 Vegetable and herb seed germination standards.**

The minimum germination standards for vegetable and herb seeds offered for sale in the state of Ohio are:

Anise	50
Artichoke	60
Asparagus	70
Basil, sweet	70
Beans, garden	70
Beans, lima	70
Beans, asparagus	75
Beans, runner	75
Beets	65
Broccoli	75
Brussels sprouts	70
Cabbage	75
Cabbage, Chinese	75
Caraway	55
Cardoon	60
Carrot	55
Cauliflower	75
Celery and celeriac	55
Chard, Swiss	65
Chervil, salad	65
Chickory	65

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Chives	50
Citron	65
Collards	80
Coriander	70
Corn, sweet	75
Cornsalad	70
Cowpea	75
Cress, garden	75
Cress, water	40
Cucumber	80
Dandelion	60
Dill	60
Eggplant	60
Endive	70
Fennel, florence	60
Fennel, sweet	50
Kale	75
Kohlrabi	75
Leek	60
Lettuce	80
Marjoram, sweet	50
Muskmelon	75
Mustard	75
Okra (including hard seeds)	50
Onion	70
Oregano	60
Pak-choi	75
Parsley	60
Parsnip	60
Peas	80
Pepper	55
Pumpkin	75
Radish	75
Rhubarb	60
Roquette	60
Rosemary	30
Rutabaga	75
Sage	60
Salsify	75
Savory, summer	55
Sorrel	65

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Soybean	75
Spinach (except N. Zealand)	60
Spinach, New-Zealand	40
Squash	75
Thyme	50
Tomato	75
Tomato, husk	50
Turnip	80
Watermelon	70

The germination standards for all vegetable and herb seed not identified in this rule shall be fifty per cent.

**901:5-27-05 Disposal of screenings.**

No person shall dispose of or burn screenings in a manner that may result in poisoning, discomfort or nuisance to humans or livestock, or in the dissemination of weed seed.

**901:5-27-06 Prohibited and restricted noxious weed seeds list.**

(A) The following species are hereby designated "prohibited noxious-weed seed":

- (1) Field bindweed, *Convolvulus arvensis* (L.);
- (2) Quackgrass, *Elytrigia repens* (L.) Nevski = *Agropyron repens* (L.) Beauv.;
- (3) Canada thistle, *Cirsium arvense* (L.) Scop.;
- (4) Johnsongrass, *Sorghum halpense* (L.) Pers.;
- (5) Heart-podded hoary cress, *Lepidium draba* sub. *draba* (L.) Desv.;
- (6) Hairy whitetop or ballcress, *Lepidium appelianum* (C. Meyer) Jarmol;
- (7) Perennial sowthistle, *Sonchus arvensis* (L.);
- (8) Russian knapweed, *Acroptilon repens* (L.) DC. = *Centaurea picris* Pallas ex Willd;
- (9) Leafy spurge, *Euphorbia esula* (L.);
- (10) Hedge bindweed, *Calystegia sepium* (L.) R. Br. = *Convolvulus sepium* (L.);
- (11) Serrated tussock, *Nassella trichotoma* (Nees) Hackel ex Arechav.;
- (12) Columbus grass, *Sorghum x almum parodi*;
- (13) Purple loosestrife, *Lythrum salicaria* (L.);
- (14) Musk thistle, *Carduus nutans* (L.);
- (15) Giant Hogweed, *Heracleum mantegazzianum* (Somer & Levier).

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- (16) Kochia, Bassia scoparia;
- (17) Forage Kochia, Bassia prostrata;
- (18) Palmer Amarantha, Amaranthus palmeri;
- (19) Shattercane, Sorghum bicolor; and
- (20) Apple of Peru, Nicandra physalodes.

(B) The following species are hereby designated "restricted noxious weed seeds":

- (1) Dodder, Cuscuta (L.) spp.;
- (2) Horsenettle, Solanum carolinense (L.);
- (3) Corncockle, Agrostemma githago (L.);
- (4) Wild garlic, Allium vineale (L.);
- (5) Wild onion, Allium canadense (L.);
- (6) Curly dock, Rumex crispus (L.);
- (7) French weed, Thlaspi arvense (L.);
- (8) Buckhorn, Plantago lanceolata (L.);
- (9) Oxeye daisy, Leucanthemum vulgare lam;
- (10) Wild mustard, Brassica arvensis (L.) rabenh. & Brassica kaber (D.C.) L.C. wheeler; and
- (11) Poison-hemlock, Conium maculatum (L.).

**901:5-27-07 Seed labeler permit application.**

An applicant shall be issued a seed labeler permit if the applicant has satisfied the requirements set out in Chapter 907. of the Revised Code and the rules adopted thereunder, and the following items have been received by the director:

- (A) A complete application on a form prescribed by the director. For the purposes of this rule, an application shall be deemed complete if it contains all of the following:
- (1) The name and address of the applicant;
  - (2) The telephone and facsimile number of the applicant;
  - (3) The email address and website address of the applicant;
  - (4) The county in which the applicant is located;
  - (5) The kind of seed that the labeler sells;

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- (6) Each Ohio location where seed to be labeled by the applicant may be sampled;
  - (7) The original signature of the applicant. If the applicant is a business entity, then the application shall contain the original signature of the responsible person submitting the application on behalf of the applicant;
  - (8) If the applicant is a business entity, the information required under paragraphs (A)(1) to (A)(4) of this rule for the responsible person submitting the application on behalf of the applicant.
- (B) The permit fee as set out in section 907.13 of the Revised Code.

**901:5-27-08 Flower seed minimum germination standards.**

The minimum germination standards for seeds offered for sale in Ohio are:

Kind of flower seed	minimum per cent germination
Archillea (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 campion) - <i>Agrostemma coronaria</i>	65
Alyssum - <i>Alyssum compactum</i> , <i>A. maritimum</i> , <i>A. procumbens</i> A. saxatile	60
Amaranthus - <i>Amaranthus</i> spp	65
Anagalis (primpernel) - <i>A. arvensis</i> , <i>A. coerulea</i> , <i>A. 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, & Princess types	55
Aster, China - <i>Callistephus chinensis</i> ; Pompon, Powderpuff, & Princess types	50
Aubretia - <i>Aubretia deltoides</i>	45
Baby Smilax - <i>Aparagus 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

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Brachycome (swan river daisy) - <i>Brachycome iberidifolia</i>	60
Browallia - <i>Browallia elata</i> and <i>B. speciosa</i>	65
Bupthalam (sunwheel) - <i>Bupthalam salicifolium</i>	60
Calceolaria - <i>Calceolaria</i> spp	60
Calendula - <i>Calendula officinalis</i>	65
California Poppy - <i>Eschscholtzia californica</i>	60
Calliopsis - <i>Coreopsis bicolor</i> , <i>C. drummondii</i> , <i>C. elegans</i>	65
Campanula: Canterbury Bells - <i>Campanula medium</i>	60
Campanula: Cup and Saucer Bellflower - <i>Campanula medium calycanthema</i>	60
Campanula: Carpathian Bellflower - <i>Campanula carpatica</i>	50
Campanula: Peach Bellflower - <i>Campanula persicifolia</i>	50
Candytuft, annual - <i>Iberis amara</i> , <i>I. umbellata</i>	65
Candytuft, perennial - <i>Iberis gibraltarica</i> , <i>I. sempervirens</i>	55
Castor Bean - <i>Ricinus communis</i>	60
Cathedral Bells - <i>Cobaea scandens</i>	65
Celosia - <i>Celosia argentea</i>	65
Centaurea: Basket Flower - <i>C. americana</i> ; Cornflower - <i>C. cyanus</i> ;	60
Centaurea: Dusty Miller - <i>C. candidissima</i> , Royal Centaurea - <i>C. imperialis</i> ; Sweet Sultan - <i>C. moschata</i> ; Velvet Cantaurea - <i>C. gymnocarpa</i>	60
Cerasium (snow-in-summer) <i>Cerastium biebersteini</i> and <i>C. tomentosum</i>	65
Chinese Forget-me-not - <i>Cynoglossum amabile</i> .	55
Chrysanthemum, annual - <i>Chrysanthemum carinatum</i> , <i>C. coronarium</i> , <i>C. Cineraria</i> - <i>Senecio cruentus</i>	60
Clarkia - <i>Clarkia elegans</i>	65
Cleome - <i>Cleome gigantea</i>	65
Coleus - <i>Coleus blumei</i>	65
Columbine - <i>Aquilegia</i> spp	50
Coral Bells - <i>Heuchera sanguinea</i>	55
Coreopsis, Perennial - <i>Coreopsis lanceolata</i>	40
Corn, ornamental - <i>Zea mays</i>	75
Cosmos: Sensation, Mammoth and Crested types - <i>Cosmos bipinnatus</i> ; Klondyke type - <i>C Sulphureau</i>	65
Crossandra - ( <i>Crossandra infundibuliformis</i> )	50
Dahlia - <i>Dahlia</i> spp	55
Daylily - <i>Hemerocallis</i> spp	45
Delphinium, Perennial- <i>Belladonna</i> and <i>Bellamosum</i> types; Cardinal Larkspur - <i>Delphinium cardinale</i> ; <i>Chinensis</i> types; Pacific Giant, Gold Medal & other hybrids of <i>D. elatum</i> .	55
Dianthus: Carnation - <i>D.caryophyllus</i>	60

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Dianthus: China Pinks - <i>D. chinensis</i> , <i>heddewigi</i> , <i>heddensis</i>	70
Dianthus: Grass Pinks - <i>D. plumarius</i>	60
Dianthus: Maiden Pinks - <i>D. deltoides</i>	60
Dianthus: Sweet William - <i>D. barbatus</i>	70
Dianthus: Sweet Wivelsfield - <i>D. 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. randiflorum</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
Glosiosa 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>G. 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
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 hostii</i> , <i>I. sultani</i>	55
*Ipomea - Cypress Vine - <i>I. 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



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Kochia - Kochia childsii	55
Larkspur, annual - Delphinium ajacis	60
Lantana - Lantana camara, L. hybrida	35
Lilium (regal lily) - Lilium regale	50
Linaria - Linaria spp	65
Lobelia, annual - Lobelia erinus	65
Lunaria, annual - Lunaria annua	65
*Lupine - Lupinus spp	65
Marigold - Tagetes spp	65
Marvel of Peru - Mirabilis jalapa	60
Matricaria (feverfew) - Matricaria spp	60
Mignonette - Reseda odorata	55
Myosotis - Myosotis alpestris, M. oblongata, M. palustris	50
Nasturtium - Tropaeolum spp	60
Nemesia - Nemesia spp	65
Nemophila - Nemophila insignis	70
Nemophila, spotted - Nemophila maculata	60
Nicotiana - Nicotiana affinis, N. sanderae, N. sylvestris	65
Nierembergia - Nierembergia spp	55
Nigella - Nigella damascena	55
Pansy - Viola tricolor	60
Penstemon - Penstemon barbatus, P. grandiflorus, P. laevigatus, P. pubescens	60
Petunia - Petunia spp	45
Phacelia - Phacelia campanularia, P. minor, P. tanacetifolia	65
Phox, annual - Phlox drummondii all types and varieties	55
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
Portulaca - Portulaca 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) - S. farinacea	50
Saponaria - Saponaria ocymoides, S. vaccaria	60
Scabiosa, annual - Scabiosa atropurpurea	50
Scabiosa, perennial - Scabiosa caucasica	40

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Schizanthus - Schizanthus spp	60
*Sensitive pant (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
Torcn Flower - Tithonia speciosa	70
Torenia (wishbone flower) - Torenia fournieri	70
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
Zinna (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

The germination standard for all other flower seed shall be fifty per cent.

\* means that the minimum percentage for these species includes both the germination per cent and the hard seed per cent added together.

**901:5-27-09 Native grass seeds and native grass seeds high in inert matter.**

As used in Chapter 907. of the Revised Code and the rules adopted thereunder:

(A) The following species of grass are defined as native grass:

- (1) Bluestem, Big (Andropogon gerardii);
- (2) Bluestem, Little (Schizachyrium scoparium);

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- (3) Dropseed, Sand (*Sporobolus cryptandrus*);
- (4) Grama, Sideoats (*Bouteloua curtipendula*);
- (5) Indiangrass (*Sorghastrum nutans*);
- (6) Needlegrass (*Achnatherum thurberianum* and *Nasella viridula*); and
- (7) Switchgrass (*Panicum virgatum*).

(B) The following native grasses characteristically exhibit high inert matter:

- (1) Bluestem, Big (*Andropogon gerardii*);
- (2) Bluestem, Little (*Schizachyrium scoparium*);
- (3) Dropseed, Sand (*Sporobolus cryptandrus*);
- (4) Grama, Sideoats (*Bouteloua curtipendula*);
- (5) Indiangrass (*Sorghastrum nutans*);
- (6) Needlegrass (*Achnatherum thurberianum* and *Nasella viridula*); and
- (7) Switchgrass (*Panicum Virgatum*).