
NEW JERSEY ADMINISTRATIVE CODE

TITLE 2 AGRICULTURE

CHAPTER 21 SEED CONTROL

SUBCHAPTER 1. LABELING

2:21-1.1 Seed for planting purposes

Seeds offered for sale or exposed for sale, or transported in the State, when the vendor either orally, in writing, or in advertising implies that such goods are "suitable for seed," "fit for seed," or similar terms shall be deemed to be offered for sale for planting purposes.

2:21-1.2 Label position not considered conspicuous

The printing of the required label statement will not be considered to be conspicuous as required in the act when it is:

1. On the bottom of the container;
2. Super-imposed on other printing (not to include superimposed labels);
3. Wholly or partially inside of container;
4. In such a position on container wherein it commonly becomes wholly or partially illegible;
5. Blurred, or partially obliterated so as to make reading difficult.

2:21-1.3 Names used for labeling the kind of agricultural seed

(a) In labeling the "kind" of agricultural and vegetable seeds as required in the New Jersey State Seed Law, the names used shall be those specified below for the kinds indicated:

1. Agricultural seed names include:
Alfalfa - Medicago sativa L.
Alfilaria - Erodium cicutarium (L.) L'her.
Alcyceclover - Alysicarpus vaginalis (L.) DC.
Bahiagrass - Paspalum notatum Flue.
Barley - Horde vulgar L.

Bean, adzuki - *Vigna angularis* (Willd.) Ohwi & H. Ohashi
Bean, field - *Phaseolus vulgaris* L.
Bean, mung - *Vigna radiata* (L.) var. *radiata* R. Wilczek
Bean - (see Velvetbean)
Beet, field and sugar - *Beta vulgaris* L. subsp. *vulgaris*
Beggartweed - *Desmodium tortuosum* (Sev.) DC.
Bentgrass, colonial - *Agrostis capillaris* L.
Bentgrass, creeping - *Agrostis stolonifera* L. var. *palustris* (Hudson) Farw.
Bentgrass, velvet - *Agrostis canina* L.
Bermudagrass - *Cynodon dactylon* (L.) Pers.
Bermudagrass, gaint - *Cynodon dactylon* var. *aridus* Harlan et de Wit.
Bluegrass, bulbous - *Poa bulbosa* L.
Bluegrass, Canada - *Poa compressa* L.
Bluegrass, Kentucky - *Poa pratensis* L.
Bluegrass, Nevada - *Poa secunda* J.S. Presl.
Bluegrass, rough - *Poa trivialis* L.
Bluegrass, Texas - *Poa arachnifera* Torr.
Bluegrass, wood - *Poa nemoralis* L.
Bluestem, big - *Andropogon gerardii* Vitman
Bluestem, little - *Schizachyrium scoparium* (Michx.) Nash
Bluestem, sand - *Andropogon hallii* Hack.
Bluestem, yellow - *Bothriochloa ischaemum* (L.) Keng
Brome, field - *Bromus arvensis* L.
Brome, mountain - *Bromus marginatus* Nees.
Brome, smooth - *Bromus inermis* subsp. *inermis*
Broomcorn - *Sorghum bicolor* (L.) Moench
Buckwheat - *Fagopyrum esculentum* Moench
Buffalograss - *Buchloe dactyloides* (Nutt.) Engl.
Bufflegrass, hairy - *Cenchrus ciliaris* L.
Bur-clover, California - *Medicago polymorpha* L.
Bur-clover, spotted - *Medicago arabica* (L.) DC.
Burnet, little - *Sanguisorba minor* Scop.
Buttonclover - *Medicago orbicularis* (L.) All.
Canarygrass - *Phalaris canariensis* L.
Canarygrass, reed - *Phalaris arundinacea* L.
Carpetgrass - *Axonopus fissifolius* (Raddi) Kuhlmann.
Castorbean - *Ricinus communis* L.
Chickpea - *Cicer arietinum* L.
Clover, alsike - *Trifolium hybridum* L.
Clover, berseem - *Trifolium alexandrinum* L.

Clover, cluster - *Trifolium glomeratum* L.
Clover, Crimson - *Trifolium incarnatum* L.
Clover, large hop - *Trifolium campestre* Schreber
Clover, small hop (suckling) - *Trifolium dubium* Sibth.
Clover, ladino - *Trifolium repens* L.
Clover, lappa - *Trifolium lappaceum* L.
Clover, Persian - *Trifolium resupinatum* L.
Clover, red or red clover, mammoth or medium - *Trifolium pratense* L.
Clover, rose - *Trifolium hirtum* All.
Clover, strawberry - *Trifolium fragiferum* L.
Clover, sub (subterranean) - *Trifolium subterraneum* L.
Clover, white - *Trifolium repens* L.
Corn, field - *Zea mays* L.
Corn, pop - *Zea mays* var. *evarta*(Sturt) Bailey
Cotton - *Gossypium* spp.
Cowpea - *Vigna unguiculata* (L.)Walp.subsp. *unguiculata* Crambe -*Crambe abyssinica* Hockst. ex R.E. Fries.
Crested dogtail - *Cynosurus cristatus* L.
Crotalaria, lance - *Crotalaria lanceolata* E. May.
Crotalaria, showy - *Crotalaria spectabilis* Roth.
Crotalaria, slenderleaf - *Crotalaria brevidens* Benth. var. *intermedia* (Kotschy) Pohl.
Crotalaria striped - *Crotalaria pallida* Aiton
Crotalaria Sunn - *Crotalaria juncea* L.
Crownvetch - *Camilla varia* L.
Dallisgrass - *Paspalum dilatatum* Poir.
Dichondra - *Dichondra repens* Forst.
Dropseed, sand - *Sporobolus cryptandrus* (Torr.) A. Gray.
Emmer - *Triticum dioccon* Schrank.
Fescue, chewings - *Festuca rubra* L. subsp. *commutata*
Fescue, hair - *Festuca tenuifolia* Sibth.
Fescue, hard - *Festuca ovina* var. *duriuscula* (L.) Koch
Fescue, meadow - *Festuca pratensis* Hudson
Fescue, red - *Festuca rubra* L. subsp. *rubra*
Fescue sheep - *Festuca ovina* L. var. *ovina*
Fescue, tall - *Festuca arundinacea* Schreb.
Foxtail, meadow - *Alopecurus pratensis* L.
Flax - *Linum usitatissimum* L.
Grama, blue - *Bouteloua gracilis*(H.B,K) Lag.
Grama, side-oats - *Bouteloua curtipendula*(Michx.) Torr.

Guar - *Cyanopsis tetragonoloba* (L.) Taub.
Guineagrass - *Panicum maximum* Jacq.
Hardinggrass - *Phalaris stenoptera* Hackel
Hemp - *Cannabis sativa* L.
Indiangrass, yellow - *Sorghastrum nutans* (L.) Nash.
Indigo, hairy - *Indigofera hirsuta* L.
[Japanese lawngrass - *Zoysia japonica* Steud.]
Kudzu - *Pueraria montana* (Lour.) Merr. var. *lobata* (Willd.) Maesen & S. Almeida
Lespedeza, Korea - *Kummerowia stipulacea* (Maxim.) Makino
Lespedeza, sericea or Chinese - *Lespedeza cuneata* Dum.-Cours.
Lespedeza, Siberian - *Lespedeza juncea* G. Don (L.f.) Pers.
Lespedeza striate - *Kummerowia striata* (Thunb.) Schindler
Lovegrass, sand - *Eragrostis trichodes* (Nutt.) Wood.
Lovegrass, weeping - *Eragrostis curvula* (Schrad.) Nees.
Lupine, blue - *Lupinus angustifolius* L.
Lupine, white - *Lupinus albus* L.
Lupine, yellow - *Lupinus luteus* L.
Manilagrass - *Zoysia matrella* (L.) Merr.
Millet, browntop - *Brachiaria ramosa* (L.) Stapf
Millet, foxtail - *Setaria italica* (L.) Beav.
Millet, Japanese - *Echinochloa frumentata* Link
Millet, pearl - *Pennisetum glaucum* (L) R. Br.
Millet, proso - *Panicum miliaceum* L.
Molassesgrass - *Melinis minutiflora* Beav.
Mustard, black - *Brassica nigra* Koch.
Mustard, India - *Brassica juncea* (L) Coss.
Mustard, white - *Sinapis alba* L.
Napiergrass - *Pennisetum purpureum* Schumach.
Oat - *Avena sativa* L.
Oatgrass, tall - *Arrhenatherum elatius* (L.) Mert. and Koch.
Orchardgrass - *Dactylis glomerata* L.
Panicgrass, blue - *Panicum antidotale* Retz.
Pea, field - *Pisum sativum* L.
Peanut - *Arachis hypogaea* L.
Poa trivialis - (see Bluegrass, rough)
Rape, annual - *Brassica napus* var. *annua* Koch.
Rape, bird - *Brassica rapa* L. subsp. *rapa*
Rape, turnip - *Brassica rapa* L. var. *silvestris* (Lam.) Briggs.
Rape, winter - *Brassica napus* var. *biennis* (Schubi. and Mart) Reichb.

Redtop - *Agrostis gigantea* Roth
Rescuegrass - *Bromus catharticus* Vahl.
Rhodesgrass - *Chloris gayana* Kunth.
Rice - *Oryza sativa* L.
Ricegrass, Indian - *Oryzopsis hymenoides* (Roem. and Schult.) Ricker
Roughpea - *Lathyrus hirsurus* L.
Rye - *Secale cereale* L. subsp. *cereale*
Ryegrass, annual or Italian - *Lolium multiflorum* Lam.
Ryegrass, intermediate - *Lolium x hybridum*
Ryegrass, perennial - *Lolium perenne* L.
Ryegrass, Wimmera - *Lolium rigidum* Gaud.
Safflower - *Carthamus tinctorius* L.
Sainfoin - *Onobrychis viciifolia* Scop.
Sesame - *Sesamum indicum* L.
Sesbania - *Sesbania exaltata* (Raf.) Rydb. ex A.W. Hill
Smilo - *Piptatherum miliaceum* (L.) Cosson
Sorghum - *Sorghum bicolor* (L.) Moench
Sorghum - Sundangrass hybrids - *Sorghum drummondii* (Nees exstrudel) Millsp. & Chase
Sorghum alum - *Sorghum alum* Parodi
Soybean - *Glycine max* (L.) Merr.
Spelt - *Triticum spelta* L.
Sunflower - *Helianthus* L. spp.
Sweetclover - *Melilotus* Miller spp.
Sweetclover, white - *Melilotus albus* Medikus
Sweetclover, yellow - *Melilotus officinalis* Lam.
Switchgrass - *Panicum virgatum* L.
Timothy - *Phleum pratense* L.
Trefoil, big - *Lotus uliginosus* Schkuhr.
Trefoil, birdsfoot - *Lotus corniculatus* L.
Vaseygrass - *Paspalum urvillei* Steud.
Veldtgrass - *Ehrharta calycina* J.E. Smith
Vernalgrass, sweet - *Anthoxanthum odoratum* L.
Vetch - *Vicia* L. spp.
Vetch, common - *Vicia sativa* L. subsp. *sativa*
Vetch, hairy - *Vicia villosa* Roth subsp. *villosa*
Vetch, Hungarian - *Vicia pannonica* Crantz.
Vetch, monantha - *Vicia ariculata* Hornem.
Vetch, narrowleaf - *Vicia sativa* L. subsp. *nigra* (L.) Ehrh.
Vetch, purple - *Vicia benghalensis* L.

Vetch, wollypod - *villosa* L. subsp. *varia* (Host.) Corbeire
Wheat - *Triticum* L. spp.
Wheat, common - *Triticum aestivum* L.
Wheat, club - *Triticum compactum* Host.
Wheat durum - *Triticum durum* Desf.
Wheat, Polish - *Triticum polonicum* L.
Wheat, poulard - *Triticum turgidum* L.
Wheatgrass crested or fairway crested - *Agropyron cristatum* (L.) Gaertn.
Wheatgrass, crested or standard crested - *Agropyron desertorum* (Fisch.) Schult.
Wheatgrass, intermediate - *Elytrigia intermedia* (Host) Nevski subsp. *intermedia*
Wheatgrass, pubescent - *Elytrigia intermedia* (Host) Nevski subsp. *intermedia*
Wheatgrass, slender - *Elymus trachycaulus* (Link) Gould ex Shinn. subsp.
trachycaulus
Wheatgrass, tall - *Elytrigia elongata* (Host.) Nevski.
Wheatgrass, western - *Pascopyrum smithii* (Rydb.) A. Love
Wildrye, Canada - *Elymus canadensis* L.
Wildrye, Russian - *Psathyrostachys juncea* (Fischer) Nevski
Zoysia - *Zoysia japonica* Steud.

2. Vegetable seed names include:

Anise - *Pimpinella anisum*
Artichoke - *Cynara cardunculus* L. subsp. *cardunculus*
Asparagus - *Asparagus officinalis* L.
Asparagus bean - *Vigna unguiculata* (L.) Walp. subsp. *sesquipedalis* (L.) Verdc.
Basil, sweet - *Ocimum basilicum* L.
Bean - *Phaseolus vulgaris* L.
Bean, lima - *Phaseolus lunatus* L.
Bean, scarlet runner - *Phaseolus coccineus* L.
Beet - *Beta vulgaris* L. subsp. *vulgaris*
Borage - *Borago officinalis*
Broadbean - *Vicia fabo* L.
Broccoli - *Brassica oleracea* var. *botryis* L.
Brussels-sprouts - *Brassica oleracea* var. *gemifera* Zenker
Cabbage - *Brassica oleracea* var. *capitata* L.
Cabbage, tronchuda - *Brassica oleracea* L. var. *costata* DC
Cantaloupe - *Cucumis melo* L.
Caraway - *Carum carvi* L.
Cardoon - *Cynara cardunculus* L. subsp. *cardunculus*
Carrot - *Daucus carota* L. subsp. *sativus* (Hoffm.) Arcang.

Cauliflower - *Brassica oleracea* var. *botrytis* L.
Celerica - *Apium graveolens* var. *rapaceum* DC
Celery - *Apium graveolens* var. *dulce* (Mill.) Pers.
Chard Swiss - *Beta vulgaris* var. *cicla* L.
Chervil, salad - *Anthiscus cerefolium*
Chicory - *Cichorium intybus* L.
Chinese cabbage - *Brassica pekinensis* (Lour.) Rupr.
Chives - *Allium schoenoprasum*
Citron-melon - *Citrullus lanatus* (Thunb.) Matsum and Nakai var. *citroides*
(L.Bailey) Mansf.
Collards - *Brassica oleracea* var. *acephala* DC
Coriander - *Coriadrum sativum* L.
Corn, sweet - *Zea mays* L.
Cornsalad, European - *Valerianella locusta* (L.) Laterrade
Cowpea - *Vigna unguiculata* (L.) Walp. subsp. *unguiculata*
Cress, garden - *Lepidium sativum* L.
Cress, upland - *Bararea verna*
[Cress, water - *Rorippa nasturtium-aquaticum* (L.) Britt. and Rendle.]
Cucumber - *Cucumis sativus* L.
Dandelion - *Taraxacum officinale* Wigg
Dill - *Anethum graveolens* L.
Eggplant - *Solanum melongena* L.
Endive - *Cichorium endivia* L.
Fennel - *Foeniculum vulgare* Mill.
Kale - *Brassica oleracea* var. *acephala* DC
Kale, Chinese - *Brassica alboglabra* L. Bailey
Kale, Siberian - *Brassica napus* var. *pabularia* (D.C.) Reichb.
Kohlrabi - *Brassica oleracea* var. *gongylodes* L.
Leek - *Allium porrum* L.
Lettuce - *Lactuca sativa* L.
Marjoram, sweet - *Origanum majorana* L.
Muskmelon - *Cucumis melo* L.
Mustard - *Brassica juncea* (L.) Coss.
Mustard, spinach - *Brassica perviridis* (Bailey) L. Bailey
Okra - *Abelmoschus esculentus* L. Moench
Onion - *Allium cepa* L.
Onion, Welsh - *Allium fistulosum* L.
Pak-choi - *Brassica chinensis* L.
Parsley - *Petroselinum crispum* (Miller) Nyman ex A.W. Hill
Parsnip - *Pastinaca sativa* L.

Pea - *Pisum sativum* L.
Pepper - *Capsicum* L. *spp.*
Pumpkin - *Cucurbita pepo* L.
Radish - *Raphanus sativus* L.
Rhubarb - *Rheum rhabarbarum*
Roquette - *Eruca sativa*
Rutabaga - *Brassica napus* var. *napobrassica* (L) Reichb.
Sage - *Salvia officinalis* L.
Salsify - *Tragopogon porrifolius* L.
Savory, summer - *Satureja hortensis*
Sorrel - *Rumex acetosa* L.
Soybeans - *Glycine max* (L.) Merr.
Spinach - *Spinacia oleracea* L.
Spinach, New Zealand - *Tetragonia tetragonioides* (Palla) Kuntze
Squash - *Cucurbita moschata* Duchesne Poiret
Thyme - *Thymus vulgaris*
Tomato - *Lycopersicon esculentum* Miller var. *esculentum*
Tomato, husk - *Physalis pubescens* L.
Turnip - *Brassica rapa* L. subsp. *rapa*
Watercress - *Rorippa nasturtium-aquaticum* (L.) Hayek
Watermelon - *Citrullus lanatus* (Thunb.) Matsum. & Nakai var. *lanatus*

2:21-1.4 Full name used for variety or strains

When variety or strain names are stated, they shall be used in connection with the full kind name. A kind or variety name shall not be abbreviated or modified. Descriptive words or phrases shall not appear on analysis label. Brand names shall not be used as a substitute for the variety name or to represent a specific variety.

2:21-1.5 Names used for lawn grasses

(a) The following kinds shall be considered to be lawn grasses unless the lot is specifically labeled for another purpose such as "pasture" or "forage" or unless the kind is designated as a restricted noxious weed in N.J.A.C. 2:21-4.3:

1. Bentgrass
2. Kentucky bluegrass
3. Chewings fescue
4. Red fescue
5. Hard fescue

6. Varieties of Perennial ryegrass
7. Named varieties of 'Turf-type' Tall fescue

2:21-1.6 Flower seeds labeled

(a) The provision that flower seeds be labeled to show, " The name of the kind and variety or a statement of type and performance characteristics," shall be met in one of the following ways:

1. For seeds of plants grown primarily for their blooms:
 - i. If the seeds are of a single name variety, the kind and variety shall be stated, for example -- Marigold, Butterball
 - ii. If the seeds are of a single type and color for which there is no specific variety name, the type of plant (if significant), and the type and color of bloom shall be indicated, for example -- "Scabiosa, Tall, Large, Flowered, Double, Pink."
 - iii. If the seeds consist of an assortment or mixture of colors or varieties of a single kind, the kind name, the type of plant (if significant) and the type or types of bloom shall be indicated. In addition, it shall be clearly indicated that the seed is mixed or assorted. An example of labeling such a mixture or assortment is -- "Marigold, Dwarf Double French, Mixed Colors."
 - iv. If the seeds consist of an assortment or mixture of kinds, it shall be clearly indicated that the seed is assorted or mixed and the specific use of the assortment or mixture shall be indicated, for example -- "Cut Flower Mixture," or "Rock Garden Mixture". Such statements as "Wild Flower Mixture," "General Purpose Mixture," or "Wonder Mixture," or any other statement which fails to indicate the specific use of the seed shall not be considered as meeting the requirements of this provision unless the specific use of the mixture is also stated.
 - v. Containers of mixed flower seed of over three grams shall list the kind or kind and variety names in excess of 5.0 percent in the order of predominance, giving the percentage by weight of each. Components of less than 5.0 percent may be listed. A single percentage by weight shall be given for these components. Containers of three grams or less shall list the components.
 - vi. Labeling of flower seed mixtures shall be considered misleading if the kind or kinds and varieties found by analysis differs by 20 percent or more from those listed on the label.
 2. For seeds of plants for ornamental purposes other than their blooms, the kind and
-

variety shall be stated, or the kind shall be stated together with a descriptive statement concerning the ornamental part of the plant, for example -- "Ornamental Gourds, Small Fruited Mixed."

2:21-1.7 Names used for labeling the kind of tree and shrub seed

In labeling the 'kind' of tree and shrub seed as required in the New Jersey State Seed Law, the names used shall be those specified below for the kinds indicated:

Alaska Cedar - *Chamaecyparis nootkatensis* (D. Don.) Spach.
Aleppo Pine - *Pinus halepensis* Mill.
American Bittersweet - *Celastrus scandens* L.
American Elm - *Ulmus americana* L.
American Sycamore - *Platanus occidentalis* L.
Amur Maple - *Acer ginnala* Maxim.
Apple - *Malus spp.*
Apricot - *Prunus armeriaca* L.
Arizona Cypress - *Cupressus arizonica* Greene
Atlas Cedar - *Cedrus atlantica* Manetti
Austrian Pine - *Pinus nigra* Arnold
Balkan Pine, Bosnian Pine - *Pinus heldreichii* var. *leucodermis* (Ant.) Markgraf ex Fitch
Balsam Fir - *Abies balsamea* (L.) Mill.
Beefwood - *Casuarina spp.*
Bigleaf Maple - *Acer macrophyllum* Pursh.
Bishop Pine - *Pinus muricata* D. Don.
Black Spruce - *Picea mariana* (Mill.) B.S.P.
Black tupelo - *Nyssa sylvatica* var. *sylvatica*
Black Locust - *Robinia pseudoacacia* L.
Black Ash - *Fraxinus nigra* Marsh.
Blue Spruce, Colorado Spruce - *Picea pungens* Engelm.
Blue Douglas Fir - *Pseudotsuga menziesii* var. *glauca* (Beissn.) Franco
Boxelder - *Acer negundo* L.
Bristlecone Pine - *Pinus aristata* Engelm.
California Red Fir - *Abies magnifica* A. Murr.
Canary pine - *Pinus canariensis* C. Smith
Caribbean Pine - *Pinus caribaea*
Cedar of Lebanon - *Cedrus libani* (Loud.)
Cherry - *Prunus avium* (L.) L.
Chinese Elm - *Ulmus parvifolia* Jacq.
Chinkapin oak - *Quercus muehlenbergii* Engelm.

Cluster pine - *Pinus pinaster* Sol.
Colorado Blue Spruce - *Picea pungens* var. *glauca* Reg.
Common Lilac - *Syringa vulgaris* L.
Corsican Pine - *Pinus nigra poiretiana* (Ant.) Aschers & Graebn.
Coulter Pine, Bigcone Pine - *Pinus coulteri* D. Don.
Crabapple - *Malus spp.*
Deodar Cedar - *Cedrus deodara* (Roxb.) Loud.
Downy hawthorn - *Crataegus mollis*
Dunkfeld Larch - *Larix eurolepis* Henry
Eastern Hemlock, Canada Hemlock - *Tsuga canadensis* (L.) Carr.
Eastern White Pine - *Pinus strobus* L.
Engelmann Spruce - *Picea engelmanni* Parry
Eucalyptus grandis
Eucalyptus deglupta
European White Birch - *Betula pendula* Roth.
European Larch - *Larix decidua* Mill.
European Ash - *Fraxinus excelsior* L.
European Barberry - *Berberis vulgaris* L.
Flowering dogwood - *Cornus florida* L.
Formosa pine - *Pinus taiwanensis* Hayata
Fraser Fir - *Abies fraseria* (Pursh.) Poir
Giant Sequoia - *Sequoia gigantea* (Lindl.) Decne.
Grand Fir - *Abies grandis* (Dougl.) Lindl.
Gray Douglas Fir - *Pseudotsuga menziesii* var. *caesia* (Beissn.) Franco
Gray Birch - *Betula populifolia* Marsh.
Green Ash - *Fraxinus pennsylvanica* Marsh.
Green Ash - *Fraxinus pennsylvanica* var. *lanceolata* (Borkh.) Sarg.
Green Douglas Fir - *Pseudotsuga menziessi* var. *viridis*
Himalayan Pine - *Pinus griffithi* McClelland -
Honey Locust - *Gleditsia triacanthos* L.
Incense-cedar - *Libocedrus decurrens*
Italian Stone pine - *Pinus pinea* L.
Jack Pine - *Pinus banksiana* Lamb.
Japanese White Pine - *Pinus parviflora* Sieb. & Zucc.
Japanese Black Pine - *Pinus thunbergii* Parl.
Japanese Red Pine - *Pinus densiflora* Sieb. & Zucc.
Japanese Larch - *Larix leptolepis* (Sieb. & Zucc.) Gord.
Japanese Rose - *Rosa multiflora* Thunb.
Japanese Barberry - *Berberis thunbergii* DC.
Jeffrey Pine - *Pinus jeffreyi* Grev. & Balf.

Jelescote pine - *Pinus patula* Schl. & Cham.
Khasia pine - *Pinus khasya* Royle
Koyama Spruce - *Picea koyamai* Shiras.
Limber Pine - *Pinus flexilis* James
Live Oak - *Quercus virginiana* Mill.
Loblolly Pine - *Pinus taeda* L.
Lodgepole Pine - *Pinus contorta* var. *latifolia* Engelm.
Lodgepole Pine - *Pinus contorta* Dougl.
Longleaf Pine - *Pinus palustris* Mill.
Markus pine - *Pinus markusii* DeVriese
Mexican Pinyon Pine - *Pinus cembroides* Zucc.
Monterey pine - *Pinus radiata* D. Don.
Mountain Pine - *Pinus mugo* Turra.
Mountain Maple - *Acer spicatum* Lam.
Mugo Swiss Mountain Pine - *Pinus mugo* var. *mughus* (Scop.) Zenari
Nikko Fir - *Abies homolepis* Sieb & Zucc.
Nobel Fir - *Abies procera* Rehd.
Northern Catalpa - *Catalpa speciosa* Warder.
Northern White Cedar, Eastern Arborvitae - *Thuja occidentalis* L.
Norway Spruce - *Picea abies* (L.) Karst.
Norway Maple - *Acer platanoides* L.
Oregon Ash - *Fraxinus latifolia* Benth.
Oriental Arborvitae, Chinese Arborvitae - *Thuja orientalis* L.
Oriental Spruce - *Picea orientalis* (L.) Link.
Oriental Bittersweet - *Celastrus orbiculata* Thunb.
Pacific Silver Fir - *Abies amabilis* (Dougl.) Forbes
Paper Birch - *Betula papyrifera* Marsh.
Peach - *Prunus persica* Batsch.
Pear - *Pyrus communis* L.
Pecan - *Carya illinoensis* (Wang.) K. Koch
Pitch Pine - *Pinus rigida* Mill.
Plum - *Prunus domestica* L.
Pond Pine - *Pinus serotina* Michx.
Ponderosa Pine, Western Yellow Pine - *Pinus ponderosa* Laws.
Poplars - *Populus spp.*
Port Orford Cedar - *Chamaecyparis lawsoniana* (A. Murr.) Parl
Red Maple - *Acer rubrum* L.
Red or black oak group - *Quercus spp.*
Red Pine, Norway Pine - *Pinus resinosa* Ait.
Red Buckeye - *Aesculus pavia* L.

Red Spruce - *Picea rubens* Sarg.
Red-osier dogwood - *Cornus stolonifera* Michx.
Redwood - *Sequoia sempervirens* (D. Don.) Engl.
Rhododendron - *Rhododendron* spp.
River Birch - *Betula nigra* L.
Riverbank Grape - *Vitis vulpina* L.
Sakhalin Spruce - *Picea glehnii* (Fr. Schmidt) Mast.
Sand Pine - *Pinus clausa*
Scotch Pine - *Pinus sylvestris* L.
Shagbark hickory - *Carya ovata* (Mill) K. Koch
Shasta Red Fir - *Abies magnifica* var. *shastensis* Lemm.
Shortleaf Pine - *Pinus echinata* Mill.
Siberian Elm - *Ulmus pumila* L.
Siberian Larch - *Larix sibirica* Ledeb.
Siberian Spruce - *Picea omorika* (Pancic.) Purkyne
Silk-oak - *Grevillea robusta*
Silver Maple - *Acer saccharinum* L.
Sitka Spruce - *Picea sitchensis* (Bong.) Carr
Slash Pine - *Pinus elliottii* Engelm.
Southern Catalpa - *Catalpa bignonioides* Walt.
Southern magnolia - *Magnolia grandiflora*
Spruce pine - *Pinus glabra* Walt.
Striped Maple - *Acer pensylvanicum* L.
Subalpine Fir - *Abies lasiocarpa* (Hook.) Nutt.
Sugar Pine - *Pinus lambertiana* Dougl.
Sugar Maple - *Acer saccharum* Marsh
Sweet Birch - *Betula lenta* L.
Sweetgum - *Liquidambar styraciflua* L.
Sycamore Maple - *Acer pseudoplatanus* L.
Tigertail Spruce - *Picea polita* (Sieb. & Zucc.) Carr
Tree of Heaven, Ailanthus - *Ailanthus altissima* (Mill.) Swingle
Veitch Fir - *Abies veitchii* (Lindl.)
Virginia Pine, Scrub Pine - *Pinus virginiana* Mill.
Water tupelo - *Nyssa aquatica* L.
Western White Spruce, Alberta White Spruce - *Picea glauca* var. *albertiana* (S. Brown) Sarg.
Western White Pine - *Pinus monticola* Dougl.
Western Red Cedar, Giant Arborvitae - *Thuja plicata* Donn.
Western Hemlock, Pacific Hemlock - *Tsuga heterophylla* (Raf.) Sarg.
Western Larch - *Larix occidentalis* Nutt.
White oak - *Quercus alba* L.

White Spruce - *Picea glauca* (Moench.) Voss
White Ash - *Fraxinus americana* L.
White Fir - *Abies concolor* (Gord. & Glend.) Lindl.
Whitebark Pine - *Pinus albicaulis* Engelm.
Yeddo Spruce - *Picea jezoensis* (Sieb. & Zucc.) Carr
Yellow Birch - *Betula alleghaniensis* Britton
Yellow poplar - *Liriodendron tulipifera* L.

2:21-1.8 Labeling of seed distributed to wholesale seedsmen

After seed has been conditioned, it must be labeled before distribution to any person, including a wholesale seedsman. Each bag or bulk lot must be completely labeled when supplied to a retailer or consumer. Labeling of seed supplied to a wholesale seedsman, as defined in N.J.S.A. 4:8-17.13 (aa), may be by invoice if each bag or other container is clearly identified by a lot number stenciled on the container, or if the seed is in bulk. Each bag or container that is not so identified must carry complete labeling.

2:21-1.9 Labeling combination mulch, seed and fertilizer products

(a) The word "combination" followed by the words "mulch - seed - fertilizer (if appropriate)" must appear on the upper 30% of the principal display panel. The word "combination" must be the largest and most conspicuous type on the container, equal to or larger than the product name. The words "mulch - seed - fertilizer" shall be no smaller than one-half the size of the word "combination" and in close proximity to the word "combination". These products shall contain a minimum of 70% mulch.

(b) The word "mulch" as used herein shall mean "a protective covering of any suitable substance placed with seed which acts to retain sufficient substance moisture to support seed germination and sustain early seedling growth and aid in the prevention of the evaporation of soil moisture, the control of weeds and the prevention of erosion".

(c) The analysis Label on any product labeled with the word "combination" shall include:

1. Product name.
2. Lot number.
3. Percentage by weight of pure seed of each kind and variety named which may be less than five percent of the whole.
4. Percentage by weight of other crop seeds.
5. Percentage of weight of inert matter which shall not be less than 70 percent.
6. Percentage by weight of weed seeds.

7. Name and number of noxious weed seeds per pound, if present.
8. Percentage of germination (and hard seed if appropriate) of each kind or kind and variety named and date of test.
9. Name and address of tagger.

2:21-1.10 Labeling preplanted containers, mats, tapes, coated seed, and other devices.

Seed that is coated or pelleted shall be labeled to reflect the percentage of pure seed, not including coating material. The coating or pelletizing material shall be declared as inert matter, expressed as percentage by weight, except that the percentage of pure seed and inert matter does not need to be shown on flower or vegetable seed containers of less than 1 pound when the net quantity is labeled on a seed count basis.

2:21-1.11 Relabeling

(a) The following information shall appear on a label when relabeling seed in their original containers:

1. Percentage of germination.
2. The calendar month and year the test was completed to determine such percentage.
3. The same lot designation as on the original labels.
4. The identity of the labeler.

(b) Labelers must supply germination test results substantiating the replacement label to the Department upon request.

SUBCHAPTER 2. METHODS OF TESTING

2:21-2.1 Methods of testing prescribed by the Association of Official Seed Analysts

Methods used in sampling, inspecting, analyzing, testing, and examining seed and the tolerances used, unless specifically stated in these rules, shall be those prescribed by the "Rules for Testing Seeds" of the Association of Official Seed Analysts in effect at the time of activity.

SUBCHAPTER 3. LABELING OF TREATED SEED

2:21-3.1 Seed treated with a pesticide

- (a) Seed treated with a pesticide shall be labeled with the same signal word as that required on the pesticide container.
- (b) The label on seed treated with a pesticide labeled with a "Danger" signal word shall contain in type not less than 8-point the word "DANGER" or, if required, the word "POISON" and the skull and crossbones symbol. The container or attached tag shall bear in a conspicuous manner and place the appropriate signal word and, if required, the symbol in a red color on a background of a contrasting color.
- (c) The label on seed treated with a pesticide labeled with a "Caution" or "Warning" signal word shall contain in a conspicuous place the signal word, either "CAUTION" or "WARNING", stated on the pesticide container label.
- (d) When more than one pesticide is used to treat seed, the labeling required for the seed container shall be for the pesticide with the higher level of toxicity.
- (e) A container of seed treated with a pesticide shall be labeled in type not smaller than 8-point with caution statement "Do not use for food or oil purposes."
- (f) The information may be on the analysis tag, or in close association with the analysis tag on a separate tag attached to the container, or on the container.

2:21-3.2 Seed treated with an inoculant

Each seed lot treated with an inoculant shall be labeled to show the presence of the inoculant, and the expiration date beyond which the inoculant is no longer claimed to be effective.

2:21-3.3 Seed treated with other materials or processes

- (a) Other treatment materials or processes, not included in 2:21-3.1 of this regulation, shall be labeled to reflect the purpose of the treatment or process. The name of the applied material or process, and the date of treatment, shall be stated on the label.
- (b) If the material or process is harmful to humans or other vertebrate animals the seed shall be labeled as such with an appropriate caution statement in type no smaller than 8-point.

(c) Each seed lot bearing a label claiming improvements and advantages due to, or as a result of, a treatment may be tested to determine the effectiveness of the treatment. If the evidence does not substantiate the label claim, the seedlot shall be considered mislabeled.

SUBCHAPTER 4. NOXIOUS WEED SEEDS

2:21-4.1 Prohibited weed seed

(a) The Prohibited Noxious Weed Seeds shall be the seeds of the following plants:

1. Bindweed - *Convolvulus arvensis* L.;
2. Hedge bindweed - *Convolvulus sepium* L.;
3. Quackgrass - *Elytrigia (Agropyron) repens* (L.) Beauv.;
4. Canada thistle - *Cirsium arvense* (L.) Scop.;
5. Horse nettle - *Solanum carolinense* L.

(b) No prohibited noxious weed seed shall be allowed in agricultural, vegetable, flower, tree, shrub or lawn and turf seed. A seed lot containing prohibited noxious weed seed shall be in violation of the New Jersey Seed Law N.J.S.A. 4:8-17.16 (d).

2:21-4.2 Restricted weed seed in agricultural, vegetable, flower, or shrub seed

(a) The Restricted Noxious Weed Seeds shall be the seeds of the following plants when occurring in agricultural, vegetable, flower, or shrub seed and mixtures of such seed:

1. Dodder - *Cuscuta* L. spp.;
2. Corn Cockle - *Agrostemma githago* L.;
3. Wild garlic - *Allium vineale* L.;
4. Wild onion - *Allium canadense* L.;
5. Cheat - *Bromus secalinus* L.;
6. Bermudagrass - *Cynodon dactylon* L.;
7. Johnsongrass, perennial sweet Sudangrass, *Sorghum almum* and hybrids derived therefrom - *Sorghum* spp., perennial;
8. Spurred anoda - *Anoda cristata*;
9. Giant ragweed - *Ambrosia trifida*;
10. Bur cucumber - *Sicyos angulatus*.

(b) Restricted noxious weed seed present in a seed lot shall be listed on the label under the heading "Noxious weed seed". The name and number of seed per pound or ounce shall be

declared. No deviation from the labeled amount shall be allowed for a seed lot containing restricted noxious weed seed. The terms "Free" and "None" shall mean that no noxious weed seed was found in a test conducted using methods established by the Association of Official Seed Analysts.

2:21-4.3 Restricted noxious weed seed in lawn and turf seed and mixtures

(a) Seeds of the following plants shall be considered restricted noxious weeds and shall be listed on the tag or label under the heading "Undesirable grass seed" or "Noxious Weed Seed" by name and number per pound or ounce when present in lawngrasses:

1. Bermudagrass, *Cynodon spp.*;
2. Annual bluegrass, *Poa annua*;
3. Rough bluegrass, *Poa trivialis*;
4. Bentgrass, *Agrostis spp.* (including, but not limited to creeping, colonial, velvet, and redtop);
5. Meadow fescue, *Festuca pratensis*;
6. Tall fescue, *Festuca arundinaceae*;
7. Orchardgrass, *Dactylis glomerata*;
8. Timothy, *Phleum pratense*;
9. Velvetgrass, *Holcus lanatus*.

(b) The requirements of paragraph (a) above shall not apply to the seeds of plants in (a)3, 4, 5, and 6 above, when present in amounts of 5 percent or more, by weight, of the mixture.

(c) The total amount of restricted noxious weed seeds set forth in (a) above may not exceed 0.5 percent by weight.

(d) The restricted noxious weed seed set forth in (a) above shall not apply to grasses or mixtures clearly labeled for:

1. Pasture;
2. Forage;
3. Hay;
4. Conservation; or
5. Spoil bank reclamation usage.

SUBCHAPTER 5. GERMINATION STANDARDS FOR VEGETABLE SEEDS

2:21-5.1 Germination standards for vegetable seeds

Germination standards for vegetable seeds including hard seeds shall be those as indicated:

	%		%
Anise	50	Cress, upland	60
Artichoke	60	Cress, water	40
Asparagus	70	Cucumber	80
Asparagus bean	75	Dandelion	60
Basil, sweet	60	Dill	60
Bean, garden	70	Eggplant	60
Bean, lima	70	Endive	70
Bean, runner	75	Fennel, Florence	60
Beet	65	Fennel, sweet	50
Borage	70	Kale	75
Broadbean	75	Kale, Chinese	75
Broccoli	75	Kale, Siberian	75
Brussels sprouts	70	Kohlrabi	75
Cabbage	75	Leek	60
Cabbage, tronchuda	70	Lettuce	80
Caraway	55	Marjoram, sweet	50
Cardoon	60	Muskmelon	75
Carrot	55	Mustard	75
Cauliflower	75	Mustard, spinach	75
Celeriac	55	Okra	50
Celery	55	Onion	70
Chard, Swiss	65	Onion, Welsh	70
Chervil	65	Oregano	60
Chicory	65	Pak-choi	75
Chinese cabbage	75	Parsley	60
Chives	50	Parsnip	60
Citron	65	Pea	80
Collards	80	Peanut	60
Coriander	70	Pepper	55
Corn, sweet	75	Popcorn	75
Cornsalad	70	Pumpkin	75
Cowpea	75	Radish	75
Cress, garden	75	Rhubarb	60

NEW JERSEY ADMINISTRATIVE CODE
CHAPTER 21 - SEED CONTROL

Roquette	60	Squash	75
Rosemary	30	Thyme	50
Rutabaga	75	Tomato	75
Sage	60	Tomato, husk	50
Salsify	75	Turnip	80
Savory, summer	55	Watermelon	70
Sorrel	65		
Soybean	75	All other kinds	50
Spinach	60		
Spinach, New Zealand	40		

2:21-5.2 Vegetable seeds unfit for planting

Vegetable seeds will be considered to be unfit for planting if the germination percentage obtained in a standard laboratory test is less than 2/3 of the germination standard for the kind in question specified in these rules and regulations.

SUBCHAPTER 6. GERMINATION STANDARDS FOR FLOWER SEEDS

2:21-6.1 Germination standards for flower seeds

Germination standards for flower seeds including hard seeds when marked with an asterisk shall be those indicated below:

African daisy - <i>Dimorphotheca aurantiaca</i>	55
African violet - <i>Saintpaulia spp.</i>	30
Ageratum - <i>Ageratum mexicanum</i>	60
Alyssum - <i>Alyssum compactum</i> , <i>A. maritimum</i> , <i>A. procumbens</i> , <i>A. saxatile</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
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
Aubrietia - <i>Aubrietia deltoides</i>	45
Baby Smilax - <i>Asparagus asparagoides</i>	25
Balsam - <i>Impatiens balsamina</i>	70
Calendula - <i>Calendula officinalis</i>	65
California poppy - <i>Eschscholtzia californica</i>	60
Calliopsis - <i>Coreopsis bicolor</i> , <i>C. drummondi</i> , <i>C. elegans</i>	65

NEW JERSEY ADMINISTRATIVE CODE
CHAPTER 21 - SEED CONTROL

Campanula:	
Canterbury bells - <i>Campanula medium</i>	60
Cup and Saucer bellflower - <i>Campanula medium</i> cv. <i>calycanthemata</i>	60
Carpathian bellflower - <i>Campanula carpatica</i>	50
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>Centaurea american</i> , Cornflower - <i>C. cyanus</i> ,	
Dusty Miller - <i>C. candidissima</i> , Royal centaurea - <i>C. imperialis</i> ,	
sweet sultan - <i>C. moschata</i> , Velvet centaures - <i>C. gymnocarpa</i>	60
Chinese forget-me-not - <i>Cynoglossum amabile</i>	55
Chrysanthemums, annual - <i>Chrysanthemum carinatum</i> , <i>C. Coronarium</i> , <i>C. segetum</i>	40
Clarkia - <i>Clarkia elegans</i>	65
Cleome - <i>Cleome gigantea</i>	65
Columbine - <i>Aquilegia spp.</i>	50
Coral bells - <i>Heuchera sanguinea</i>	55
Coreopsis, perennial - <i>Coreopsis lanceolata</i>	40
Cosmos: Sensation, Mammoth and Crested types - <i>Cosmos bipinnatus</i> :	
Klondike type - <i>C. sulphureus</i> ⁶⁵	
Dahlia - <i>Dahlia</i> Cav. <i>spp.</i>	55
Daylily - <i>Hemerocallis spp.</i>	45
Delphinium, perennial: Belladonna and Bellamosum types;	
Cardinal larkspur - <i>Delphinium cardinale</i> ; Chinensis types;	
Pacific Giant, Gold Medal and other hybrids of <i>D. elatum</i>	55
Dianthus:	
Carnation - <i>Dianthus caryophyllus</i>	60
China pinks - <i>Dianthus chinensis</i> , Heddewigi, Heddensis	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
Dracena - <i>Dracena indivisa</i>	55
Dragon tree - <i>Dracaena draco</i>	40
English daisy - <i>Bellis perennis</i>	55
Flowering maple - <i>Abutilon spp.</i>	35
Foxglove - <i>Digitalis spp.</i>	60
Gaillardida, annual - <i>Gaillardia pulchella</i> , <i>G. picta</i> ; perennial <i>G. grandiflora</i>	45

NEW JERSEY ADMINISTRATIVE CODE
CHAPTER 21 - SEED CONTROL

Geum - <i>Geum spp.</i>	55
Gilia - <i>Gilia spp.</i>	65
Godetia - <i>Godetia amoena, 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, G. pacifica, G. repens</i>	70
Helichrysum - <i>Helichrysum monstrosum</i>	60
Heliotrope - <i>Heliotropum spp.</i>	35
*Hollyhock - <i>Althea rosea</i>	65
Ipomea: Cypress - <i>Ipomea quamoclit</i> ; Moonflower - <i>I. noctiflora</i> ; Morning glories, Cardinal climber, Hearts of Honey vine - <i>Ipomea spp.</i>	75
Job's tears - <i>Coix lacrymajobi</i>	70
Kochia - <i>Kochia childsi</i>	55
Larkspur, annual - <i>Delphinium ajacis</i>	60
Lantana - <i>Lantana camera, L. hybrida</i>	35
Linaria - <i>Linaria spp.</i>	65
Lobelia, annual - <i>Lobelia crinus</i>	65
Lunaria, annual - <i>Lunaria annua</i>	65
*Lupine - <i>Lupinus spp.</i>	65
Marigold - <i>Tagetes spp.</i>	65
Marvel of Peru - <i>Mirabilis jalapa</i>	60
Mignonette - <i>Reseda odorata</i>	55
Myosotis - <i>Myosotis alpestris, M. oblongata, M. pulastris</i>	50
Nasturtium - <i>Tropacolum spp.</i>	60
Nemesia - <i>Nemesia spp.</i>	65
Nemophila - <i>Nemophila insignis</i>	70
Nicotiana - <i>Nicotiana affinis, N. sanderea, N. sylvestris</i>	65
Nierembergia - <i>Nierembergia spp.</i>	55
Nigella - <i>Nigella damascena</i>	55
Pansy - <i>Viola tricolor</i>	60
Penstemon - <i>Penstemon barbatus, P. grandiflorus, P. Laevigatus, P. pubsecens</i>	60
Petunia - <i>Petunia spp.</i>	45
Phacelia - <i>Phacelia companularia, P. minor, P. tenacetifolia</i>	65
Phlox, annual - <i>Phlox drummondii</i> all types and varieties	55
Physalis - <i>Physalis spp.</i>	60
Ponytail - <i>Beaucarnea recurvata</i>	40
Poppy: Shirley poppy - <i>Papaver rhoeas</i> ; Iceland poppy - <i>P. nudicaule</i> ; Oriental poppy - <i>P. orientale</i> ; Tulip poppy - <i>P. glaucum</i>	60
Portulaca - <i>Portulaca grandiflora</i>	55

NEW JERSEY ADMINISTRATIVE CODE
CHAPTER 21 - SEED CONTROL

Salpiglossis - <i>Salpiglossis gloxinaeflora</i> , <i>S. sinuata</i>	60
Salvia - Scarlet sage - <i>Salvia solendens</i> : Mealycup sage (blue bedder) - <i>S. Farinacea</i>	50
Saponaria - <i>Saponaria ocymoides</i> , <i>S. vaccaria</i>	60
Scabiosa, annual - <i>Scabiosa atropurpurea</i>	50
Scabiosa, perennial - <i>Scabiosa caucasica</i>	40
Schizanthus - <i>Schizanthus spp.</i>	60
Shasta Daisy - <i>Chrysanthemum maximum</i> , <i>C. leucanthemum</i>	65
Silk oak - <i>Grevillea spp.</i>	25
Snapdragon - <i>Antirrhinum spp.</i>	55
Solanum - <i>Solanum spp.</i>	60
Stocks: Common - <i>Mathiola incana</i> ; Evening scented - <i>M. bicornis</i>	65
Sunflower - <i>Helianthus spp.</i>	65
Sunrose - <i>Helianthemum spp.</i>	30
*Sweet pea, annual and perennial other than dwarf bush - <i>Lathyrus odoratus</i> , <i>L. latifolius</i>	75
*Sweet pea, dwarf bush - <i>Lathyrus odoratus</i>	65
Thunbergia - <i>Thunbergia alata</i>	60
Torch flower - <i>Tithonia speciosa</i>	70
Tritoma - <i>Kniphofia spp.</i>	65
Verbena, annual - <i>Verbena hybrida</i>	35
Vinca - <i>Vinca rosea</i>	60
Viola - <i>Viola cornuta</i>	55
Wallflower - <i>Cheiranthus allioni</i>	65
Zinnia (except linearis and creeping) - <i>Zinnia angustifolia</i> , <i>Z. elegans</i> , <i>Z. grandiflora</i> , <i>Z. gracillima</i> , <i>Z. haegeana</i> , <i>Z. multiflora</i> , <i>Z. pumilla</i>	65
Zinnia, linearis and creeping - <i>Zinnia linearis</i> , <i>Salvitalis procumbens</i>	50

2:21-6.2 Flower seeds unfit for planting

Flower seeds will be considered unfit for planting if the germination percentage is less than two thirds of the germination standard for the kind in question as specified in these rules and regulations. A mixture of kinds of flower seeds will be considered unfit for planting if the germination of any kind or combination of kinds, constituting 25 percent or more of the mixture by number is less than two thirds the standard for the kind or kinds involved.

SUBCHAPTER 7. FEES FOR SEED TESTING

2:21-7.1 Free testing for New Jersey residents

Any New Jersey resident actively engaged in the commercial production of agricultural or horticultural products and not engaged in the business of a wholesale seedsman or seed conditioner will be allowed two (2) free germination tests by the State Seed Laboratory each fiscal year, July 1 to June 30, based on the published list of fees at 2:21-7.2.

2:21-7.2 Charges for testing

(a) For all samples submitted the following charges will be assessed.

- | | | |
|----|------------------------------|----------------------|
| 1. | Germination test | \$10.00 per sample. |
| 2. | Purity test | \$30.00 per hour. |
| 3. | Noxious weed test | \$15.00 per sample. |
| 4. | Vigor test | \$15.00 per sample. |
| 5. | Viability - Tetrazolium test | \$30.00 per hour. |
| 6. | Varietal identification | \$100.00 per sample. |
| 7. | Other tests | \$30.00 per hour. |

(b) Fees for testing shall be waived for Federal or State agencies, local governments and park commissions.

2:21-7.3 Fees due; method of payment

(a) Fees are due when a sample is accepted for testing. Acknowledgments of receipt of samples are accompanied by a statement of charges and it is expected that payment will be made upon receipt of statement.

(b) Additional tests shall not be made for persons who have not paid for previous testing services promptly.

2:21-7.4 Reserved

SUBCHAPTER 8. PROCEDURES FOR SUBMITTING SAMPLES

2:21-8.1 Samples submitted before February 1

- (a) Samples representing seed to be planted in the spring, should be submitted to the seed laboratory after September but before February 1.
- (b) After January the laboratory must give top priority to a heavy load of official samples and handles service samples as time permits.

2:21-8.2 Rejecting samples

Since the quota of service samples must be limited to the time and space available, the right must be reserved to reject samples on the basis of when they are submitted.

2:21-8.3 Samples to be representative

- (a) Seed test reports apply only to the sample submitted.
- (b) Samples should be representative of the lots from which they were taken.
- (c) This responsibility lies with the individuals submitting the samples.

2:21-8.4 Relevant information on samples

- (a) Samples should bear the name of the seed as well as the name and address of the sender.
- (b) The kind of test desired should be stated and also whether the seed is for sale or the test is for guidance in planting.

2:21-8.5 Requesting test on seed previously analyzed

When requesting a test on seed that has been previously analyzed, a copy of this analysis should accompany the sample as well as the reason for requesting a new analysis.

2:21-8.6 Minimum seeds required for testing

At least 800 seeds should be submitted for a germination evaluation. A standard test requires 400 seeds and another 400 seeds are needed in the event that a retest is necessary.

2:21-8.7 Noxious weed examinations included with purity analysis

A New Jersey noxious weed examination is included as part of the purity analysis on all seeds submitted for analysis, including lawn seed.

SUBCHAPTER 9. SEED IN HERMETICALLY SEALED CONTAINERS

2:21-9.1 Moisture content of seed

(a) Seed in an hermetically sealed container shall not exceed the percentage of moisture, on a wet weight basis, as listed below:

Agricultural Seeds	Percent Moisture		
		Celery	7.0
		Chard, Swiss	7.5
Beet, Field	7.5	Chinese Cabbage	5.0
Beet, Sugar	7.5	Chives	6.5
Bluegrass, Kentucky	6.0	Collards	5.0
Clover, Crimson	8.0	Corn, Sweet	8.0
Fescue, Red	8.0	Cucumber	6.0
Ryegrass, Annual	8.0	Eggplant	6.0
Ryegrass, Perennial	8.0	Kale	5.0
		Kohlrabi	5.0
All Others	6.0	Leek	6.5
		Lettuce	5.5
Mixture of above	8.0	Muskmelon	6.0
		Mustard, India	5.0
Vegetable Seeds	Percent Moisture	Onion	6.5
		Onion, Welsh	6.5
Bean, Garden	7.0	Parsley	6.5
Bean, Lima	7.0	Parsnip	6.0
Beet	7.5	Pea	7.0
Broccoli	5.0	Pepper	4.5
Brussels Sprouts	5.0	Pumpkin	6.0
Cabbage	5.0	Radish	5.0
Carrot	7.0	Rutabaga	5.0
Cauliflower	5.0	Spinach	8.0
Celeriac	7.0	Squash	6.0

Tomato	5.5
Turnip	5.0
Watermelon	6.5
All others	6.0

2:21-9.2 Labeling for hermetically sealed seed

- (a) The container shall be labeled conspicuously in not less than eight-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.
- (b) In addition to the requirements of (a) above, the container shall be labeled in accordance with all applicable requirements and standards set forth in N.J.S.A. 4:18-17.14 through 17.16 and this chapter.