**WSDA Minimum Amounts of Seed to Submit for Testing**

WSDA Seed Program offers a full complement of purity and viability testing services based on both AOSA, SCST, OECD and ISTA seed testing rules. There are purity results available for Canada and Canadian Grading. Digital imaging [photos] is available for most services provided.

Fees for testing are available online [WAC 16-303](https://apps.leg.wa.gov/WAC/default.aspx?cite=16-303&full=true).

How do I prepare a sample?

Samples are submitted in secured/sealed bags or trifold envelopes. Each sample must be properly identified with the crop kind, tests requested, identification (lot or reference number), and any treatment used must be identified with the active ingredient or trade name. To avoid spillage in transport, place the sample bag inside a Ziploc or plastic bag. Samples for moisture testing must be submitted in a sealed Ziploc bag to avoid moisture exchange. Avoid a manual sample check-in fee by using our XT-sample check-in form to ensure we get all the information needed to proceed with your testing.



How much seed should be submitted?

For a complete set of common tests (purity, noxious, germ), the following are guidelines for common seeds.

Please call us if you have any questions or need more specific information.

Amounts to submit for Germ or TZ only analysis:

submit half the amount for Purity / Crop exam

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| **Crop** | **Amounts to submit for Purity / Crop exam** |
| **A** |  |
| Alfalfa (*Medicago sativa*) | 200 grams |
| Alkaligrass (*Puccinellia spp*.) | 50 grams |
| Asparagus (*Asparagus officianalis*) | 800 grams |
| Arugula (*Eruca vesicaria subsp. sativa*) | 50 grams |
| **B** |  |
| Barley (*Hordeum vulgare*) | 5 lbs. |
| Balsamroot (*Balsamorhiza spp.*) | 300 grams |
| Beans (*Phaseolus vulgaris*) | 3 lbs. |
| Bean, Lima (*Phaseolus lunatus*) | 3 lbs. |
| Beets, field, sugar (*Beta vulgaris L. subsp. vulgaris*) | 600 grams |
| Beets/ Swiss chard (*Beta vulgaris L. subsp. vulgaris*) | 600 grams  |
| Bentgrass or Redtop (*Agrostis spp*.) | 25 grams |
| Bermudagrass (*Cynodon dactylon*) | 50 grams |
| Biscuitroot (*Lomatium spp*.)  | 800 grams |
| Bitterbrush, Antelope (*Purshia tridentata*) | 200 grams |
| Blanket-flower (*Gaillardia aristata*) | 150 grams |
| Bluegrass, Alpine (*Poa alpina*) | 100 grams |
| Bluegrass, Canada, rough (*Poa compressa*) | 100 grams |
| Bluegrass, Kentucky (*Poa pratensis*) | 100 grams |
| Bluegrass, Rough (*Poa trivialis*) | 100 grams |
| Bluegrass, Alkali, big, Canby, Nevada, Pine, Sandberg (*Poa secunda*) | 100 grams\* |
| Bluestem, Big (*Andropogon gerardi*) | 100 grams |
| Bluestem, Sand (*Andropogon hallii*) | 100 grams |
| Brome, Field (*Bromus arvensis*) | 200 grams  |
| Brome, Smooth (*Bromus inermis*) | 200 grams |
| Brome, Meadow (*Bromus biebersteinii*) | 200 grams |
| Brome, Mountain- California, sweet (*Bromus carinatus* var. *carinatus*) | 400 grams  |
| Buckwheat, grain (*Fagopyrum esculentum*) | 800 grams |
| Buckwheat, snow, sulfur, native types (*Eriogonum spp*.) | 75 grams |
| Burnett, small (*Sanguisorba minor*) | 400 grams  |
| Burnett, prairie (*Sanguisorba annua*) | 200 grams |
| Broccoli (*Brassica oleracea* *L. var. botrytis L.*) | 200 grams |
| Brussel sprout (*Brassica oleracea*) | 200 grams |
| *Brassica spp.* | 200 grams |
| **C** |  |
| Cabbage (*Brassica oleracea*) | 200 grams |
| Camelina (*Camelina spp*.) | 50 grams |
| Canarygrass, reed (*Phalaris arundinacea)*  | 50 grams |
| Canarygrass (*Phalaris canariensis)*  | 300 grams |
| Cantaloupe (*Cucumis melo*) | 800 grams |
| Canola (*Brassica napus* var. *napus*) | 200 grams |
| Carrot (*Daucus carota*) | 50 grams |
| Catchfly (*Silene spp*.) | 25 grams |
| Cauliflower (*Brassica oleracea L. var. botrytis L*.) | 200 grams  |
| Celery (*Apium graveolens L. var. dulce*) | 25 grams |
| Chard, Swiss (*Beta vulgaris L. subsp. vulgaris*) | 800 grams |
| Chickpea (*Cicer arietinum*) | 3 lbs.  |
| Chives (*Allium schoenoprasum*) | 100 grams |
| Clover- Crimson, red (*Trifolium incarnatum*, *Trifolium* *pratense*) | 150 grams |
| Clover, White (*Trifolium repens*) | 75 grams |
| Coneflower (*Ratibida spp*.) | 200 grams |
| Coneflower, Purple (*Echinacea purpurea*) | 200 grams |
| Coriander (*Coriandrum sativum*) | 500 grams |
| Corn (*Zea mays*) | 2 lbs.  |
| Cranberry (*Vaccinium macrocarpon*) | 50 grams |
| Cucumber (*Cucumis sativus*) | 800 grams |
| **D** |  |
| Daisy (*Leucanthemum spp*.) | 50 grams |
| Daisy, Ox-eye (*Leucanthemum vulgare*) | 50 grams |
| Dill (*Anethum graveolens*) | 100 grams |
| Dropseed (*Sporobolus spp*.) | 50 grams |
| **E** |  |
| Eggplant (*Solanum melongena*) | 150 grams |
| **F** |  |
| Fernleaf Biscuitroot (*Lomatium dissectum*) | 800 grams |
| Fescue, Tall (*Festuca arundinacea*) | 150 grams  |
| Fescue, Meadow (*Festuca pratensis*) | 150 grams  |
| Fescue, California (*Festuca californica*) | 150 grams |
| Fescue, all others (*Festuca spp*.) | 75 grams |
| Flax (*Linum spp*.) | 200 grams  |
| Fleabane (*Erigeron spp*.) | 25 Grams |
| **G** |  |
| Grama, Side-oats (*Bouteloua curtipendula*) | 500 grams |
| **H** |  |
| Hairgrass (*Deschampsia spp*.) | 100 grams |
| Hairgrass, Slender (*Deschampsia elongata*) | 100 grams |
| Hairgrass, Tufted (*Deschampsia cespitosa*) | 50 grams |
| Hemp (*Cannabis sativa*) | 800 grams |
| **J** |  |
| Junegrass (*Koeleria spp*.) | 50 grams  |
| **K** |  |
| Kale (*Brassica oleracea var. viridis*) | 200 grams |
| Kochia (*Bassia scoparia*) | 50 grams |
| Kohlrabi (*Brassica oleracea*) | 200 grams |
| Kiwi (*Actinidia spp*.) | 50 grams  |
| **L** |  |
| Leek (*Allium porrum*) | 100 grams |
| Lentil (*Lens culinaris*) | 2 lbs. |
| Lettuce (*Lactuca sativa*) | 50 grams |
| Lovegrass (*Eragrostis spp*.) | 50 grams |
| **M** |  |
| Milkvetch (*Astragalus spp*.) | 150 grams |
| Millets (*Panicum spp*.) | 250 grams |
| Millets, Proso (*Panicum miliaceum*) | 250 grams  |
| Mustard, White or Yellow (*Sinapis alba*)  | 200 grams |
| **N** |  |
| Needle and Thread (*Hesperostipa comata*) | 200 grams |
| Needlegrass, Green (*Nassella viridula*) | 150 grams |
| Needlegrass, Thurber (*Achnatherum thurberianum*) | 150 grams |
| **O** |  |
| Oats (*Avena sativa*) | 3 lbs. |
| Onion (*Allium cepa*)  | 100 grams |
| Orchardgrass (*Dactylis glomerata*) | 100 grams |
| **P** |  |
| Peas (*Pisum sativum*) | 3 lbs. |
| Penstemon (*Penstemon spp*.) | 200 Grams |
| Pepper (*Capsicum spp*.) | 3/4 envelope |
| Prairieclover, Blue Mountain (*Dalea ornate*) | 200 grams |
| Prairieclover (*Dalea spp*.) | 200 grams |
| **Q** |  |
| **R** |  |
| Radish (*Raphanus sativus*) | 400 grams |
| Rapeseed (*Brassica napus*) | 200 grams |
| Rescuegrass (*Bromus catharticus*) | 300 grams |
| Ricegrass, Indian (*Achnatherum hymenoides*) | 150 grams |
| Rutabaga (*Brassica napus*) | 100 grams |
| Ryegrass (*Lolium spp*.) | 200 grams |
| Ryegrass, Perennial (*Lolium perenne*) | 200 grams |
| **S** |  |
| Safflower (*Carthamus tinctorius*) | 800 grams  |
| Sagebrush (*Artemisia spp*.) | 25 grams |
| Sainfoin (*Onobrychis viciifolia*) | 800 grams  |
| Saltbush (*Atriplex spp*.) | 50 grams |
| Soybean (*Glycine max*) | 3 lbs. |
| Spinach (*Spinacia oleracea*)  | 800 grams |
| Squash (*Cucubita pepo*) | 1000 grams  |
| Squirreltail (*Elymus spp*.) | 200 grams |
| Strawberry (*Fragaria spp*.) | 100 grams |
| Sundangrass (*Sorghum bicolor drummondii*) | 800 grams  |
| Sunflower (*Helianthus annuus*) | 800 grams |
| Sweetclover (*Melilotus spp*.) | 75 grams |
| **T** |  |
| Teff (*Eragrostis tef*) | 50 grams |
| Timothy (*Phleum pratense*) | 100 grams |
| Tomato (*Solanum lycopersicum*) | 100 grams |
| Trefoil, Birdsfoot (*Lotus corniculatus*) | 100 grams |
| Turnip (*Brassica rapa*) | 200 grams |
| **U** |  |
| **V** |  |
| Velvetgrass (*Holcus lanatus*) | 50 grams |
| **W** |  |
| Watermelon (*Citrullus lanatus*) | 1000 grams |
| Wheat (*Triticum aestivum*) | 5 lbs. |
| Wheatgrass, Crested (*Agropyron cristatum*)  | 200 grams |
| Wheatgrass, Siberian (*Agropyron fragile subsp*. *sibiricum*) | 200 grams |
| Wheatgrass, Bluebunch (*Pseudoroegneria spicata*) | 1 envelope  |
| Wheatgrass, Slender (*Elymus trachycaulus*) | 1 envelope  |
| Wheatgrass, Thickspike (*Elymus lanceolatus*) | 1 envelope  |
| Wheatgrass, Western (*Pascopyrum smithii*) | 1 envelope  |
| Wheatgrass, Intermediate (*Thinopyrum intermedium*) | 1 envelope |
| Wheatgrass, Pubescent (*Thinopyrum intermedium*) | 1 envelope |
| Wheatgrass, Tall (*Thinopyrum ponticum*) | 1 envelope |
| Wildryes (*Elymus spp*.) | 3/4 envelope |
| **X**  |  |
| **Y** |  |
| Yarrow (*Achillea millefolium*) | 1/4 envelope |
| **Z** |  |

\*Chaffy or field run seed send 200 grams