

WSDA Seed Program

Tests to Consider

Purity Tests Analysis of a specified amount of seed according to AOSA, ISTA, or Canadian Methods & Procedures. This test produces a laboratory report with percentages of weed, crop, inert, pure seed and Washington state noxious weeds.

Germination Test A viability test where seeds are planted in optimum germination conditions and percentage of estimated germination is reported.

TZ Tests A quick viability test, results are usually completed in 24 hours.

Sod Quality Analysis An examination similar to the Quality Timothy test to determine the eligibility of a seed lot for Sod Tags.

Crop and Weed Exams An examination of a specific amount of seed, reporting all crop and weed seeds per pound found in the sample.

Cold Test Seeds are planted in cold stressed conditions and exposed to soil. The results are reported as strong sprouts, week, dead and abnormal.

Phyto Exams Inspection for pest, disease, and or quarantine prohibited weed seeds.

Sodium Hydroxide Test A test for the presence of red and/or white wheat.

Other tests are available, including bioassay tests, all states noxious exam, individual state noxious exams, undesirable grass species exams and specialized customer requests.

Official Sampling The Seed Program has 5 ISTA (USDA certified) & Washington State certified samplers available to draw official samples upon request.

The Seed Program currently has 7 RST's, (Registered Seed Technologists) on staff who are available to sign and seal lab reports upon request at no additional charge.

The WSDA Seed Program participates in ongoing training and continued education in order to be a front runner in seed testing technology. We listen to our customers' needs and represent Washington State's Seed Industry on a national level.

Pure Harvest

A web based laboratory reporting system

Pure Harvest is a secure system where users are assigned a password to view only their information. No one can see anyone's information other than their own.

Users can log into the system 24 hours a day 7 days a week and see test results and print reports.

☛ Free set-up and unlimited use, no monthly fees.

☛ View when your sample was received.

☛ View preliminary test results to make preliminary marketing decisions.

☛ View field inspection data.



WSDA Seed Program Contacts

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AGR PUB 651-290 (N/1/10)

Do you need this publication in an alternate format?
Contact the WSDA Receptionist at 360-902-1976 or TTY
Relay 800-833-6388.

Timothy hay images courtesy Anderson Hay & Grain Co., Inc.



QUALITY TIMOTHY SEED Reap the REWARDS

☛ Seed with superior purity and germination.

☛ Profit from high quality timothy hay production.

☛ Save money on chemical eradication of objectionable crops and weeds.

☛ Increase field longevity with fewer plow-outs.

☛ Look for the "ORANGE TAG".

QUALITY TIMOTHY SEED



SEED PROGRAM
DEPT. OF
AGRICULTURE
YAKIMA, WA 98902
AGR 651-4660Z

Number: 000.022

Treasure Timothy
Lot 123 — ABC

When sealed on the container, this tag signifies that this seeds meets Quality Timothy Seed Standards as adopted and defined by WAC 16-302-740 through 16-302-755. Statutory authority: SEEDS, Chapter 15.49 RCW. See WAC 16-302-115 for limitation of liability for this certification.

Washington State Dept of Agriculture — SEED PROGRAM
21 North 1st Ave Suite 203, Yakima WA 98902
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**Washington State
Department of Agriculture
SEED PROGRAM**

Quality Timothy Seed Program

A new program that will serve the Timothy hay growers of Washington State took effect December 2008. The Quality Timothy Seed Program was a cooperative effort of the Organization of Kittitas County Timothy Hay Growers & Suppliers, regional seed suppliers and producers, WSU Extension and the WSDA Seed Program. The goal of this program is to provide a mechanism for Timothy seed growers and distributors to identify higher quality Timothy seed lots and move them into the Timothy hay production regions. The program also provides a valuable tool for Timothy hay growers. They will be able to select quality seed for planting their fields.

Timothy seed lots tested under this program will be subjected to a 50 gram examination where all contaminating seeds are identified. This is in comparison to the standard purity test where common crop and weed seeds are identified in 1 gram and only noxious weeds are identified in the entire 10 grams. Only lots that are certified and officially sampled can be accepted into this program. Seed lots that are free from crop and weed seeds that are detrimental to Timothy hay production are then declared Quality Timothy Seed. Viability testing is required, with either a TZ or germination test to insure the viability meets the standard.

Both distributors and Timothy hay producers can use the lab report of analysis issued by the WSDA Seed Program as measurement of the quality of a seed lot. **Seed lots that meet the standards will be tagged with an orange Quality Timothy Seed tag.**

When purchasing Timothy seed, look for the Orange Tag.

WAC 16-302-755

Standards for Quality Timothy Seed

- 1) Seed standards for quality timothy grass seed are as follows:

| | |
|---|------|
| Minimum Purity | 97% |
| Minimum Viability by Germination or TZ test | 85% |
| Maximum other crop* | 0.2% |
| Maximum weeds** | .02% |

Purity component percentages are based on 1 gram sample size as prescribed by the AOSA Rules.

*Must be free of ryegrass, orchardgrass, Agrostis sp., Poa sp., Brome, reed canarygrass, tall fescue, and meadow foxtail.

Must be free of the above listed contaminants based upon a 50 gram examination

**Must be free of alfilaria (redstem filaree), bromus sp., chickweed, henbit, Poa sp., wild carrot, and prohibited noxious weeds in WAC 16-301-050.

Must be free of the above listed contaminants based upon a 50 gram examination.

- 2) A quality timothy seed analysis certificate is the basis of determining if a lot meets the quality timothy seed standards. This certificate is issued by the certifying agency and represents a purity test, a 50 gram noxious, all weed, all crop exam, and a viability test.
- 3) Seed meeting quality timothy seed standards will be tagged with a "quality timothy seed" tag.

WAC 16-302-745

Seed Certification Requirements

- 1) In order for a seed lot to be eligible for quality timothy seed certification it must meet field and seed certification standards as defined in WAC 16-302-330 through 16-302-385.
- 2) For a timothy seed lot that has already been certified, a copy of the certification tag must be submitted as proof of certification.

WAC 16-302-750

Official Sampling Requirements

The seed test for the quality timothy seed program must be conducted on an officially drawn sample taken in accordance with WAC 16-302-090.

Questions?

If you have questions regarding sampling, testing, Quality Timothy Seed and/or other seed testing requests, please see below for a convenient way to contact us. More detailed contact information is on the back panel of this brochure.

**WSDA Seed Program
21 North 1st Ave Suite 203
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**Phone: 509-249-6950
Toll Free: 866-865-6137**

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