



OSU Seed Laboratory

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OSU Seed Lab Update: July 31, 2013

The research and innovations in response to our customer's feedbacks are starting to pay off. Since July 15th, sample entry has already been averaging over 100 samples and we are happy to report that **all of the samples have been flowing without delay**. See details below:

- **Sample Entry**

More customers are using the on-line sample entry. This system assures that the sample arrives without errors and can move immediately to testing. On-line customers can also track their samples starting at pick up time in the warehouse until purity is reported.

- **Purity Testing**

Today, Wednesday July 31, we finished most of the samples from Monday July 29. We are entering August with good speed but August can be problematic due to three main reasons. Please see **Hints** below.

Problematic samples i.e. with excessive multiples or inert matter, etc. are being isolated so that we can call the cleaner to let them know. Normally they appreciate this feedback.

- **Germination Testing**

Seeds are being planted the same day that the samples are received or the next day. This will shorten the germination reporting time.

Starting this year, germination of perennial ryegrass can be ended on first count if a sample reaches maximum germination. Therefore, you may get some germ- fluorescence reports seven days sooner than in the previous years.

- **Special Testing**

TZ's are being reported within 24-48 hours from sample arrival. We are seeing a strong use of TZ tests as well as ploidy tests. Ploidy is reported within 8-10 days from sample arrival.

Hints for faster purity testing flow in August-September

- **Perennial ryegrass.** We are starting to see some perennials with large numbers of multiples. This can create problems for you and the lab because it increases your inert significantly, slows down testing significantly and requires hourly charges. Please watch your multiples.
- **Rushes.** Large numbers of rushes disrupt the testing flow of regular samples. Watch our daily testing flow report or track your samples to see if you really need to rush your sample.
- **Multiple testing.** For most species, it is faster and cheaper if you order a CW with the initial test request. Other reports, such as UGS or SQ, can be generated from the CW results.

We are here to help you succeed. Thank you for using the OSU Seed Lab. If there is any other way we can help you, please contact us immediately at: seedlab@oregonstate.edu or 541-737-4464. Link to our purity sample flow page is <http://seedlab.oregonstate.edu/testing-flow-report>