**Report of Analysis Written Exercise 2020-2021**

**Using the information listed below please report the following sample out on YOUR own lab reports and please email the completed report to** [**Heidi.larson@sgs.com**](mailto:Heidi.larson@sgs.com) **and/or** [**jmueller@ndseed.ndsu.edu**](mailto:jmueller@ndseed.ndsu.edu)**. If you do not issue lab reports we have also attached a blank generic format to use. If your computer system has limitations that prevents you from reporting things correctly, please explain that when sending in your completed report of analysis.**

A customer submits a *Triticum aestivum* sample for purity, germination and US noxious exam (all states excluding Hawaii and Alaska). The total weight of the submitted sample is 1289.13 grams.

Following AOSA Rules the submitted sample is divided down for the purity and the noxious examination.

Purity working weight is 101.52 grams

Noxious working weight is 502.84 grams

In the purity the following was found:

6 *Secale cereale* 0.312 grams

2 *Avena sativa* 0.174 grams

1 *Amaranthus spp.* 0.001 grams

Broken seeds 0.182 grams

Plant material 0.005 grams

In the noxious portion the following was found:

22 *Secale cereale*

8 *Avena sativa*

2 *Avena fatua*

4 *Setaria pumila subsp pumila*

3 *Fagopyrum esculentum*

5 *Raphanus sativus*

For the germination test you planted 4 replicates of 100 seeds and the data for each replicate is as follows:

Replicate 1 95 normal seedlings 2 abnormals 3 dead

Replicate 2 93 normal seedlings 4 abnormals 3 dead

Replicate 3 97 normal seedlings 0 abnormals 3 dead

Replicate 4 95 normal seedlings 1 abnormal 4 dead