

To: Washington State Crop Improvement Association

From: Kurt Braunwart

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Statement of origin and information of value to field inspectors for 0-107 spring forage triticale

0-107 spring forage triticale was bred and developed by Resource Seeds, Inc. of Gilroy, California.

Areas of probable adaptability: The Northern tier of states of the United States of America.

Information of value to field inspectors:

- Awn length of 0-107 triticale is of the awnletted type similar to that of 102 winter triticale. This awn length is anywhere from extremely short to extended to 2 ½ inches. This awn length can be affected by environmental conditions and can differ among tiller and genetically identical plants. Even when the awns are longer they will be less dense than awns on a fully bearded variety such as 2700 spring triticale. There should not be any more than 1% of the plants with the tip awns to 2 ½ inches in length.
- When 0-107 spring triticale reaches maximum plant height it is generally about 5 inches shorter than 2700 spring triticale.
- 0-107 spring triticale will have a blue green color to the leaves when it reaches the soft dough stage and has a waxy bloom on the leaves.

Information of value to seed analysts:

- Seed of 0-107 spring triticale has the traditional triticale seed shape. When compared to 2700 triticale seed it is still off white to tan in color but slightly more tan/mocha in color than the 2700.
- Seed size will vary greatly depending on the environment that the seed is grown. Pre-Breeders seed produced in 2007 was 40 grams/1000 seeds or 11,350 seeds per pound.

Procedures for maintaining seed stock and seed classes to be recognized:

- Resource Seeds or their contracted seed producers will produce and maintain Breeders seed and then Foundation seed through the plot refinement method. Plantings of Breeders seed will be made and a portion will be carefully inspected and kept separate at harvest to maintain prime seed. Starting with Foundation seed the program will follow the Crop Improvement method of the state that the seed is being produced in.
- Classes of seed to be recognized are "Breeders" as designated by the breeder and their representatives. (In Washington state that representative is ProGene Plant Research L.L.C.) Foundation, Registered and Certified are also recognized as designated by the Crop Improvement Association for the state where the seed was produced.