

To: Washington State Crop Improvement Association

From: Kurt Braunwart

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Statement of origin and information of value to field inspectors for 3054 spring grain triticale

3054 spring grain triticale was bred and developed by Resource Seeds, Inc. of Gilroy, California.

Areas of probable use: Eastern Washington

Information of value to field inspectors:

- 3054 spring grain triticale is an awned variety.
- When 3054 reaches maximum height it will be about 10% taller than TriMark 303 which is the variety that it replaces. TriMark 3054 triticale is a tall triticale.
- 3054 spring grain 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.
- 3054 spring grain triticale is resistant to the current races of stripe rust. 303 triticale is susceptible to at least one of the current races of stripe rust.

Information of value to seed analysts:

- Seed of 3054 spring grain triticale has the traditional triticale seed shape. When compared to other grain triticales the color of 3054 seed is similar to 336 winter grain triticale with a tan color with bronzing overtones. It has the more bronzed look than the spring 37812 grain triticale.
- Seed size will vary greatly depending on the environment that the seed is grown. Breeders seed of 3054 triticale grown in 2007 was 50 grams/1000 seeds or 9,080 seeds per pound. This makes 3054 triticale a larger seeded variety. When seed is grown in the dry land seed will be smaller.

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.