

To: Washington State Crop Improvement Association

From: Kurt Braunwart

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Statement of origin and information of value to field inspectors for 718 winter forage triticale

718 winter forage triticale was bred and developed by Resource Seeds, Inc. of Gilroy, California.

Areas of probable use: Eastern Washington, North Central Oregon

Information of value to field inspectors:

- 718 winter forage triticale is an awnletted variety where the awns are greatly reduced in length but can still vary from head to head similar to 102.
- 718 winter forage triticale will average about 3-5 inches shorter than 102 at late boot stage and 2-3 inches shorter at maximum head height.
- Heads are NOT erect at maturity but also are NOT fully drooping and pointing down. How much the heads lean depends on the seed yield per head.
- The neck just below the head is generally straight but can have a slight wave.
- On the 1 1/2 to 2 inches below the head there is pubescence on all stems.
- Leaf color of 718 winter forage triticale is similar to that of 103BB or 102 at hard dough stage of maturity

Information of value to seed analysts:

- Seed of 718 winter forage triticale has the traditional triticale seed shape (a longer kernel than wheat). 718 seed will average slightly longer than 103BB or 102 seed. Its seed has the tan color with bronzed overtones often seen in triticale but its seed is lighter in color than either 103BB or 102 seed.
- Seed size will vary greatly depending on the environment that the seed is grown.

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.