Wheat

WB9707
XC9304 (Exp)

1. WB9707 is a hard red spring wheat developed by Bayer Crop Science.

2. In early generations of WB9707, single spikes were selected based on agronomics and disease resistance. Later generations were selected based on yield, quality, and disease resistance.

3. WB9707 is adapted to the hard red spring wheat growing regions of Montana & Southern Idaho.

4. No claims about disease resistance are made at this time.

5. Identifying characteristics –

1. Kind:	Common, Hard Red Spring Wheat		
2. Seasonal Growth Habit:	Spring	16. Awn Type:	Awned
3. Coleoptile Color:	White	17. Awn Color:	Black
4. Juvenile Growth Habit:	Erect	18. Glume Color:	White/Amber
5. Leaf Color at Boot:	Blue-Green	19. Glume Length:	Long
6. Flag Leaf at Boot:	Recurved, Twisted, Waxed	20. Shoulder Shape:	Oblique
7. Auricle Color:	Purple	21. Shoulder Width:	Narrow
8. Day(s) to 50% Heading:	71	22. Beak Shape:	Acuminate
9. Anther Color:	Yellow	23. Beak Length (S,M,L,VL):	Long
10. Anthoncyanin:	Absent	24. Glume Pubescence:	Absent (Glabrous)
11. Plant Height (cm):	87	25. Seed Color	Red
12. Internodes:	Semi-solid	26. Seed Shape:	Oval
13. Spike Shape:	Oblong	27. Cheeks:	Rounded
14. Spike Density:	Mid Dense	28. Brush Size (S,M,L.):	Short
15. Spike Curvature:	Erect	29. Avg 1,000 Kernel Wt (grams):	48.5

30. Physiological/Biochemical Traits:

Variants and Frequency: A variant that is similar to WB9707 but has white seed occurs at a frequency of up to 0.50% (50 out of 10,000 seeds). A variant that is similar to WB9707 but is 15cm to 20cm taller occurs at a frequency of up to 0.2% (20/10,000). A bronze head variant may occur at a frequency of 0.1% (10/10,000). An awnless variant may occur at a frequency of 0.1% (10/10,000).

6. Recognized classes of WB9707 are breeder, foundation, registered, and certified. Bayer Crop Science will maintain the variety by the head-row purification method to produce breeder seed as needed and all foundation seed. Royalty fees and/ or licensing agreements are anticipated.

7. Commercial seed will likely be ready for sale by the spring of 2021.

8. Application for PVP is anticipated with the option that WB9707 can be sold by variety name only as a class of certified seed.

9. Certified seed production acreage is not to be published by AOSCA and individual certifying agencies.

Date this application was submitted: Jan 6, 2021 Date recommended by the VRB: May 18, 2021