

WB6341 (BZ608-014)

1. WB6341 is a soft white spring wheat developed by Monsanto Technology, LLC.
2. WB6341 was selected for yield, protein content, protein quality, and resistance to stripe rust, using the pedigree method.
3. WB6341 was tested under irrigated and high rainfall conditions in Washington, Idaho, and Montana and will be marketed by the WestBred brand as a grain producing variety in those areas.
4. WB6341 is considered Moderately Resistant (MR) to the current races of stripe rust found in the Pacific Northwest.

5. Identifying characteristics – insert the descriptive term from the Objective Description except where indicated:

1. Kind:	<u>Common</u>	2. Seasonal Growth Habit:	<u>Spring</u>
3. Coleoptile Color:	<u>White</u>	4. Juvenile Growth Habit:	<u>Erect</u>
5. Leaf Color at Boot:	<u>Green</u>	6. Flag Leaf at Boot:	<u>Recurved, twisted, waxy</u>
7. Auricle Color:	<u>White</u>	8. Days to 50% Heading:	<u>190</u>
9. Anther Color:	<u>Yellow</u>	10. Stem Color:	<u>Anthocyanin absent (White)</u>
11. Plant Height (cm):	<u>85</u>	12. Internodes:	<u>Hollow</u>
13. Spike Shape:	<u>Oblong</u>	14. Spike Density:	<u>Mid-dense</u>
15. Spike Curvature:	<u>Inclined</u>	16. Awn Type:	<u>Awned</u>
17. Awn Color:	<u>White</u>	18. Glume Color:	<u>White/Amber</u>
19. Glume Length:	<u>Medium</u>	20. Shoulder Shape:	<u>Square</u>
21. Shoulder Width:	<u>Medium</u>	22. Beak Shape:	<u>Acuminate</u>
23. Beak Length (S.M.L. VL):	<u>Short</u>	24. Glume Pubescence:	<u>Absent</u>
25. Seed Color:	<u>White</u>	26. Seed Shape:	<u>Ovate</u>
27. Cheeks:	<u>Rounded</u>	28. Brush Size (S,M,L.):	<u>large</u>
29. Avg 1,000 Kernel Wt (g):	<u>31.5</u>		

Physiological/biochemical Traits: _____

Variants and frequency: A red seed may occur at a frequency up to .18% (18/10,000). Taller plants (1-2 heads) may occur at a frequency of up to .15% (15 plants per 10,000).

6. Recognized classes of this variety will be breeder, foundation, registered, and certified. Monsanto will maintain the variety by the head-row purification method to produce breeder seed as needed and foundation seed will be produced from breeder or foundation class of seed.
7. Certified seed sales are anticipated in the spring of 2014.
8. Application will be made under the Plant Variety Protection Act and certification option will not be selected.
9. AOSCA and seed certifying agencies may not publish seed production acreages.

