

## WB-Cristallo

1. WB-Cristallo is a hard white wheat developed by WestBred, LLC.
2. WB-Cristallo was selected for resistance to stripe rust and acceptable baking characteristics using a selected spike bulk modified pedigree breeding method.
3. WB-Cristallo was tested in the central valleys of California and is primarily adapted to the irrigated central valleys of California. Its primary use will be for bread flour.
4. WB-Cristallo is resistant to current field races of stripe rust in California.
5. Identifying characteristics – insert the descriptive term from the Objective Description except where indicated:

- |   |   |
|---|---|
| 1. <u>Kind</u> : Common                   | 2. <u>Growth habit</u> : Spring                           |
| 3. <u>Coleoptile color</u> : White        | 4. <u>Juvenile growth habit</u> : Erect                   |
| 5. <u>Leaf color at boot</u> : Green      | 6. <u>Flag leaf at boot</u> : Erect, Twisted, Waxy absent |
| 7. <u>Auricle color</u> : White           | 8. <u>Days to 50% heading</u> : 110                       |
| 9. <u>Anther color</u> : Yellow           | 10. <u>Stem color</u> : White                             |
| 11. <u>Plant height (cm)</u> : 95         | 12. <u>Internodes</u> : Hollow                            |
| 13. <u>Spike shape</u> : Oblong           | 14. <u>Spike density</u> : Lax                            |
| 15. <u>Spike curvature</u> : Erect        | 16. <u>Awn type</u> : Awning                              |
| 17. <u>Awn color</u> : White              | 18. <u>Glume color</u> : White                            |
| 19. <u>Glume length</u> : Long            | 20. <u>Shoulder shape</u> : Square                        |
| 21. <u>Shoulder width</u> : Narrow        | 22. <u>Beak shape</u> : Acuminate                         |
| 23. <u>Beak length (S, M, L, VL)</u> : VL | 24. <u>Glume pubescence</u> : Absent                      |
| 25. <u>Seed color</u> : White             | 26. <u>Seed shape</u> : Elliptical                        |
| 27. <u>Checks</u> : Rounded               | 28. <u>Brush size (S,M, L)</u> S                          |
| 29. <u>Avg 1,000 kernel wt (g)</u> : 40   | 30. <u>Phenol reaction</u> : Light Brown                  |
| 31. <u>Other</u> :                        |   |

Physiological/biochemical traits:

Other characteristics (e.g., herbicide tolerance):

Variants and frequency: A 12 to 25 centimeter taller plant occurs at a frequency of up to .2%. A red seed variant occurs at a frequency of up to .2%.

6. WestBred, LLC will maintain breeder seed by planting spike rows as needed. The certified classes of seed will be Foundation, Registered and Certified. WestBred, LLC will produce all foundation seed. A royalty fee will be collected on all registered and certified seed sales by our associate seed companies.
7. Certified seed will be first offered for sale in the fall of 2009.
8. Application for Plant Variety Protection will be made in 2009 and the “Certification Option” will not be elected.
9. Certified acreage is not to be published by AOSCA and certifying agencies.

