

SY Ovation (03PN108-21)

1. SY Ovation (03PN108-21) is a soft white winter wheat bred and developed by Syngenta Seeds, Inc.
2. SY Ovation originated from the cross ORH010837 (OR 0845/E81FR) / OR2001611 and was made in 2003. This line was selected on the basis of the absence of Stripe Rust, short plant height, and medium maturity
3. SY Ovation has shown good adaptation in the high to moderate rainfall regions of western Idaho, eastern Washington, north-central and northeastern Oregon and irrigated production in the southern Snake River region of Idaho and the irrigated production areas of Washington.
4. SY Ovation is resistant to current predominant races of stripe rust.
5. Identifying characteristics – insert the descriptive term from the Objective Description except where indicated:

- | | |
|---|---|
| 1. <u>Kind</u> : common | 2. <u>Growth habit</u> : winter |
| 3. <u>Coleoptile color</u> : white | 4. <u>Juvenile growth habit</u> : semi-erect |
| 5. <u>Leaf color at boot</u> : blue green | 6. <u>Flag leaf</u> : waxy, recurved, twisted |
| 7. <u>Auricle color</u> : absent | 8. <u>Days to 50% heading</u> : 163 |
| 9. <u>Anther color</u> : yellow | 10. <u>Stem color</u> : absent |
| 11. <u>Plant height (cm)</u> : 98 | 12. <u>Internodes</u> : hollow |
| 13. <u>Spike shape</u> : strap, oblong | 14. <u>Spike density</u> : middense |
| 15. <u>Spike curvature</u> : inclined | 16. <u>Awn type</u> : awned |
| 17. <u>Awn color</u> : white | 18. <u>Glume color</u> : white |
| 19. <u>Glume length</u> : long | 20. <u>Shoulder shape</u> : oblique |
| 21. <u>Shoulder width</u> : midwide | 22. <u>Beak shape</u> : acuminate |
| 23. <u>Beak length (S, M, L, VL)</u> : L | 24. <u>Glume pubescence</u> : absent |
| 25. <u>Seed color</u> : white | 26. <u>Seed shape</u> : elliptical |
| 27. <u>Cheeks</u> : rounded | 28. <u>Brush size (S, M, L)</u> : L |
| 29. <u>Avg 1,000 kernel wt (g)</u> : 40 | 30. <u>Phenol reaction</u> : |
| 31. <u>Other</u> : | |

Physiological/biochemical traits:

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

Variants and frequency:

SY Ovation has been uniform and stable since 2004. Less than 0.8% of the plants were rogued from the foundation seed increase in 2009/10. All of the variant plants were taller height wheat plants, ranging from 3 to 6 inches taller than the canopy. Up to 0.5% red seed may be encountered in registered and certified seed production. Up to 1.0% variant plants may be encountered in subsequent generations.

6. Syngenta Seeds, Inc. maintains seed stock and certified classes of Foundation, Registered and Certified. Syngenta Seeds, Inc. will maintain the variety by the head row method to produce Breeders seed if needed.
7. Foundation and small quantities of Certified seed stocks of SY Ovation will be available in the fall of 2011
8. Plant Variety Protection is anticipated in the fall of 2011 and SY Ovation may only be sold as a class of Certified seed.
9. Certified acreage is not to be published by AOSCA and certifying agencies

