

# Wheat

## SY Command 04PN066-7 (Exp)

1. SY Command is a soft white winter wheat developed by Syngenta Participations AG.
2. SY Command was selected for height, maturity, appearance, kernel color, kernel soundness, disease reaction and end use quality in early generations using a bulk breeding method that originated with a single cross made in January of 2004.
3. SY Command is primarily adapted to lower rainfall dryland areas in Central and Southern Washington and Northern Oregon as well as the Northern Highway 2 region and Spokane area of Washington.
4. SY Command has shown above average resistance to Stripe Rust. SY Command has tested average milling and adequate baking.
5. Identifying characteristics – insert the descriptive term from the Objective Description (pages 3-5) except where indicated:

1. Kind: Common, Soft White Winter Wheat

If common, provide appropriate kernel characteristic: (Hard Red, Soft Red, Hard White, Soft White)

<p>2. Seasonal Growth Habit: <u>Winter</u></p> <p>3. Coleoptile Color: <u>White</u></p> <p>4. Juvenile Growth Habit: <u>Erect</u></p> <p>5. Leaf Color at Boot: <u>Green</u></p> <p>6. Flag Leaf at Boot: <u>Recurved, Twisted, Wax Present</u></p> <p>7. Auricle Color: <u>White</u></p> <p>8. Day(s) to 50% Heading: <u>142</u></p> <p>9. Anther Color: <u>Yellow</u></p> <p>10. Anthocyanin: <u>Absent</u></p> <p>11. Plant Height (cm): <u>81</u></p> <p>12. Internodes: <u>Hollow</u></p> <p>13. Spike Shape: <u>Oblong</u></p> <p>14. Spike Density: <u>Lax</u></p> <p>15. Spike Curvature: <u>Inclined</u></p>	<p>16. Awn Type: <u>Awed</u></p> <p>17. Awn Color: <u>White</u></p> <p>18. Glume Color: <u>White</u></p> <p>19. Glume Length: <u>Long</u></p> <p>20. Shoulder Shape: <u>Oblique</u></p> <p>21. Shoulder Width: <u>Narrow</u></p> <p>22. Beak Shape: <u>Acuminate</u></p> <p>23. Beak Length (S,M,L,VL): <u>Medium</u></p> <p>24. Glume Pubescence: <u>Absent</u></p> <p>25. Seed Color: <u>White</u></p> <p>26. Seed Shape: <u>Ovate</u></p> <p>27. Cheeks: <u>Rounded</u></p> <p>28. Brush Size (S,M,L): <u>Medium</u></p> <p>29. Avg 1,000 Kernel Wt (g): <u>34</u></p>
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30. Physiological/biochemical Traits:

Variants and frequency: Less than 0.5% of plants were rogued from the Breeder Seed increase. Ninety percent of the variant plants were taller (4 to 10 cm). Twenty percent of the variants were awnless as opposed to the predominant awned typed. Up to 1% variant plants may be encountered in subsequent generations. Up to 0.5% red seed may be encountered in all classes of certified production.

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/progeny method to produce breeder seed as needed. Royalty fees are anticipated.
7. Certified seed will likely be available Fall of 2017.
8. Plant Variety Protection is anticipated in 2017 and SY Command may only be sold as a class of certified seed.
9. Certified acreage is not to be published by AOSCA and certifying agencies.

Date this application was submitted: Jan 10, 2017

Date recommended by the VRB: Apr 25, 2017

