

LCS Artdeco (NSA06-2153A)

1. LCS Artdeco (experimental name NSA06-2153A) is a soft white winter wheat developed by Limagrain Europe and is being sold and marketed by Limagrain Cereal Seeds, LLC in the USA.
2. The breeding objective of LCS Artdeco was to combine the yield potential and agronomic package of NSA02-1466 with the earliness, durability, good finishing characteristics, and soft grain of VR99B057 (both proprietary Limagrain lines in Europe), using the single seed descent method.
3. The area of adaptation for LCS Artdeco is the Pacific Northwest, especially the irrigated and high-rainfall production areas of SE Washington and NE Oregon.
4. LCS Artdeco is moderately susceptible to prevalent stripe rust races in the Pacific Northwest and moderately resistant to Septoria.
5. Identifying characteristics – insert the descriptive term from the Objective Description except where indicated:
 1. Kind: Common SWW
 2. Seasonal growth habit: Facultative
 3. Coleoptile color: Intermed
 4. Juvenile growth habit: Semi Erect
 5. Leaf color at boot: Green
 6. Flag leaf at boot: Erect, not twisted, Wax Absent
 7. Auricle color: White
 8. Days to 50% heading: 154
 9. Anther color: Yellow
 10. Stem color: Absent
 11. Plant height (cm): 115
 12. Internodes: Hollow
 13. Spike shape: Oblong
 14. Spike density: Mid dense
 15. Spike curvature: Inclined
 16. Awn type: Awned
 17. Awn color: white
 18. Glume color: White/Amber
 19. Glume length: Medium
 20. Shoulder shape: Oblique
 21. Shoulder width: Narrow
 22. Beak shape: Acute
 23. Beak length (S, M, L, VL):M
 24. Glume pubescence: Absent
 25. Seed color: White
 26. Seed shape: Ovate
 27. Cheeks: Rounded
 28. Brush size (S,M, L): M
 29. Avg 1,000 kernel wt (g): 44
 30. Phenol reaction: Dark Brown

Physiological/biochemical traits: None. Variants and frequency: LCS Artdeco may contain up to 1 per 1000 awnless plants and up to 1 per 1000 talls (1-2 heads taller). It may also contain up to 15 red seeds/pound.
6. Recognized classes of LCS Artdeco are Breeder, Foundation, Registered and Certified. Seed of LCS Artdeco may be produced and sold only through a license agreement. Limagrain Cereal Seeds will maintain Breeder and Foundation seed of LCS Artdeco by roguing and removal of off-types in bulk seedings.
7. Foundation seed was sold in Fall 2011 in Washington and Registered seed will be available in the Fall of 2012.
8. Application will be made for Plant Variety Protection with the Certification Option.
9. Certified seed production and acreage may be published by AOSCA and official state seed certifying agencies.

