Wheat
Variety Name: 6PNUQ24B
Experimental Designation: 6035FR88-01
Varietal Type: Pure Line
Variety Owner/Developer: Pioneer Hi-bred International Inc.
Recommended: September 2025

1. Provide a brief summary statement of the selection criteria and breeding procedures.
   6035FR88-01 is an awnless soft red winter variety developed by Corteva Agriscience for the Pioneer® brand. It was bred using a doubled haploid method and selected for the following characteristics under multiple environmental conditions: disease resistance, plant type, plant height, head type, straw strength, maturity, grain yield, and test weight.
2. Provide a statement regarding the probable area of adaptation.
   6035FR88-01 has shown best adaptation to the Central Mid-west and Northern soft red winter growing regions of the U.S.
3. Provide a statement relative to the variety's disease and insect resistance.
   6035FR88-01 is moderately resistance to stripe rust and fusarium head blight based on two years of field data collected in multiple locations.
4. **Variety Objective Description –** Select one from each of the drop-down menus.

4.1 Kind: Common If Common: Soft Red	4.14 Awn Type: Awnless
4.2 Seasonal Growth Habit: Winter	4.15 Awn Color: Tan
4.3 Coleoptile Color: Red	4.16 Glume Color: Tan
4.4 Juvenile Growth Habit: Erect	4.17 Glume Length: Medium
4.5 Leaf Color at Boot: Green	4.18 Shoulder Shape: Wanting
4.6 Flag Leaf Orientation: Semi-Erect Type: Twisted Glaucosity: Not Waxy	4.19 Shoulder Width: Narrow
4.7 Auricle Color: White	4.20 Beak Shape: Obtuse
4.8 Anther Color: Yellow	4.21 Beak Length: Short
4.9 Stem Anthocyanin: Absent	4.22 Glume Pubescence: Absent (glabrous)
4.10 Stem Internodes: Hollow	4.23 Seed Color: Red
4.11 Spike Shape: Tapering	4.24 Seed Shape: Ovate
4.12 Spike Density: Dense	4.25 Cheeks: Rounded
4.13 Spike Curvature: Inclined	4.26 Brush Size: Short
4.27 Physiological/Biochemical Traits: Phenol reaction = fawn	
4.28 Variants and Frequency: 6035FR88-01 is an uniform variety with low frequency of variants. Taller off-type plants may occur in a frequency up to 0.1% (10/10,000). Awned off-type plants may occur in a frequency of 0.1% (10/10,000). Awnletted off-type plants may occur in a frequency of 0.05% (5/10,000). Apically awnletted off-type plants may occur in a frequency of 0.05% (5/10,000).	

5. Select the classes of certified seed that will be recognized (select all applicable).

Breeder ☒ Foundation ☒ Registered ☒ Certified ☒

6. Provide a statement identifying the party responsible for maintaining the variety and procedures for maintaining seed stocks, with limitations, if any.

Breeder, foundation, and registered seed classes will be maintained and controlled by the Corteva Agriscience Global Seed Operations department. Foundation seed will initially be produced from breeders' seed, and thereafter foundation seed will be produced from foundation seed: maintaining the specific identity and purity of the variety released. Registered seed will be grown from foundation or breeder seed and maintained at a purity level satisfactory to Corteva Agriscience Global Seed Operations or the appropriate certifying agency. The variety will be returned to headrows for breeder seed generation when needed to maintain the purity of the variety.

7. If applicable, state whether the variety may be subject to collection of royalties by certifying agencies. No royalty fees or licensing agreements are anticipated.

8. If applicable, state whether specific tests for trait verification (e.g., molecular marker testing or herbicide trait bioassay testing) are required for seed certification. The use of the Additional Certification Requirements is suggested.

N/A

9. Will an application be made for protection under the Plant Variety Protection Act? Yes

10. Will the PVP application include the Certification Option requiring seed to be sold only as a class of certified seed by variety name only (Title V)? Undetermined

11. Will the variety be protected by utility or plant patents? Yes

12. Will variety be marketed under a Limited Use License Agreement prohibiting the use of saved seed or other restrictions? Undetermined

Please Specify:

13. The anticipated date certified seed will be first offered for sale: Fall 2026

14. Certified seed production acreage may be published by AOSCA and individual certifying agencies.

No