

2026 First Stripe Rust Forecast for the Eastern Pacific Northwest

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Based on the weather data of November and December 2025, stripe rust in the 2026 wheat growing season is predicted to be in the topper range of severe epidemic level (40-60% yield loss on susceptible varieties). Using a set of forecast models based on the weather data of these two months, potential yield losses in 2026 caused by stripe rust on highly susceptible winter wheat varieties are predicted to be in the range of 35.3 to 78.2% with an average of **56.7%**. The predicted severe epidemic level is attributed to the relatively warm weather so far. Based on the potential epidemic level, yield losses of commercially grown varieties are predicted to be **0 to 40%** depending upon the level of resistance or susceptibility of individual varieties. The next forecast will be made in early March based on the entire winter (November-February) weather data. According to the current forecast, fields planted with winter wheat varieties with stripe rust ratings 5 (moderate, M) to 9 (susceptible, S) may need early fungicide application at the time of herbicide application. Resistant (ratings 1 and 2) and moderately resistant (ratings 3 and 4) spring wheat varieties should be selected to plant, and variety with MS and S ratings (6 – 9) should be avoided. See the tables (**Table 1** and **Table 2**) below for stripe rust ratings of wheat varieties based on the tests in 2025.

Table 1. 2025 stripe rust ratings of winter wheat varieties

Rating	Varieties (Soft white, Hard red , Club , CLOAX , Hard White)
R (1,2)	AAC Vortex , Allegiant 3412 , aMaze, AP Dynamic, AP Exceed, AP Iliad, AP Octane , AP Olympia, Appleby CL+ , ARS Castella , ARS-Selbu 2.0, Bridger , Bruehl , Cameo , Cara , CS Bridger CLP , Gale, GS Bounty, Inspire, Jameson, Jasper, Kairos , LCS Artdeco, LCS Biancor, LCS Blackjack, LCS Drive, LCS Evina , LCS Hulk, LCS Hydra AX , LCS Jefe, LCS Kamiak, LCS Missile , LCS Rocket , LCS Scorpion AX , LCS Shark, LCS Shine , LCS Sonic, LCS Yeti, LCS Zoom , Mallory CL+ , Millie, Nimbus, Nixon, Norwest 553 , Norwest Duet, Norwest Tandem, OR2x2 CL+ , Pritchett , Resilience CL+ , Rollie, Rosalyn, Sockeye CL+ , Stephens, Stingray CL+ , SY Assure, SY Banks, SY Clearstone CL2 , SY Dayton, SY Ovation, SY Raptor, TMC M-Pire, TMC M-Press, VI Bulldog, VI Encore CL+ , VI Frost, VI Gem, WB1529, WB1545, WB1604, WB1621, WB1922, WB4311 , WB4510CLP , WB4623CLP , Windust
MR (3,4)	Appleby CL+ , AP Redeye , AP Venom , ARS Selbu, Canvas , Coda , Curiosity CL+ , Gemini , HSG 108 , Irv , LCS Blackbird , LCS Eclipse AX , LCS Ghost, LCS Helix AX , LCS Reaper II AX , Mela CL+ , Otto, Sequoia , UI Bronze Jade , UI-WSU Huffman, VI Presto CL+ , WB1376CLP , WB1720
M (5)	AP503 CL2 , ARS Crescent , Guardian , LCS Aymeric , LCS Helix AX , LCS Kraken AX , Mary, Piranha CL+ , Puma, Purl, SY107, SY Command, SY Touchstone , UI Castle CL+ , UI Sparrow, WB1783
MS (6,7)	AP700 CL , AP Legacy, Bobtail, Canvas , CPX66251, Devote, Keldin , LCS Fusion AX , Milestone , Scorpio , UI Palouse CL+ , VI Voodoo CL+ , WB1532, WB4640
S (8,9)	Battle AX , Brawl CL Plus , CP7010, CP7909, Kivari AX , LCS Dagger AX , Snowmass 2.0, UI Magic CL+ , WB4303 , WB4394 , WB Rimrock , Whistler, XF4303

Table 2. 2025 stripe rust ratings of spring wheat varieties

Rating	Varieties (Soft white, Hard red , Club , CLOAX , Hard White)
R (1,2)	Allegiant 6765 , Alum, AP Octane, AP Renegade, AP Venom, Butch CL+ , Chet , CP3055, CP3066, CP3099A, CP3119A, CPX39120, Dayn, Espresso, Glee, Hale, Hedge CL+ , JD , Melba , Net CL+ , Roger , Ryan, Seahawk, SY Basalt , SY Gunsight , SY Teton, Tekoa, TMC2021, TMC Lochaven, UI Cookie, UI Warrior, WB6121, WB6211CLP , WB7202CLP , WB9636 , WB9662 , WQL008, WQL195, YSC-605
MR (3,4)	Bush, Cabernet , CP3322, Diva, HSG Timberline , Kelse, LCS Hammer AX , LCS Iron , Louise, MT Carlson , SY Coho , SY Selway , SY Steelhead , UI Gold, UI Platinum, UI Stone, SY Saltese, WB9668 , YSC-603
M (5)	AP Coachman, Buck Pronto , Bullseye , Jefferson , WB6341, Whit
MS (6,7)	AP Mondovi CL2, CP3915, Hollis, Jefferson HF , LCS Luna , WB9303
S (8,9)	Allegiant 6633 , Babe, CP3530, SY605 CL2, MT Dutton , MT Ubet , WB1035 CL+