

WHEAT (Soft White Winter)

"BASIN"

14A. Exhibit A:

Pedigree:

Basin is a selection from a Nugaines line. It was selected for height, using 85cm as a selection base. It was also selected for disease absence. These selections were made over 5 generations. Three of the generations were strictly for height with the last 2 being for height and rust resistance. Basin has appeared stable for height for 4 generations of head row production and 2 generations of bulk seeding.

14B. Exhibit B. Novelty Statement

Basin is unique in it's height characteristics. All soft white winter wheats released to date are at the upper ranges of semi-dwarf, while Basin is at the lower ranges. Basin also has excellent resistance to the rust races prevalent in the Northwest.



14D. Exhibit D

Basin Soft White Winter Wheat (formerly experimental line 89)

Basin is a common type, high yielding, semi-dwarf, white winter wheat, particularly suited for higher rainfall and irrigated production areas. Basin is less winter-hardy than Daws, but more so than Stephens. Basin usually outyields Stephens and Daws by 10% or more where rainfall is 14 to 16 inches or more. Basin shows excellent resistance against common stripe, stem, and leaf rust. Basin shows excellent lodging resistance, being it is shorter than Stephens or Daws. Test weight is usually 2-3 lbs over Stephens.

Plant height: 32 - 34 inches

Planting rates: 40 - 50 lbs dryland

50 - 60 lbs irrigated

Planting dates: September 15 to October 1 dryland

September 15 to November 1 irrigated