Grain yield in the Lamont soft white spring wheat trial averaged 47 bu/ac, 3 bu/ac lower than the average 5-year yield for this location. The Lamont nursery was located about 4 miles southeast of Lamont, WA (Gil White, cooperator).

This nursery was seeded on 15 April, 2009 following winter wheat. Seed was placed at a 70#/acre seeding rate using a double disc plot drill set on 6-inch spacing. Base fertilizer was applied at 70#N and 10#S per acre, and a spring soil test showed more than adequate available nutrients. Spring seeding conditions were rated 8 on a 1-10 scale and spring rain made the early outlook good for the spring crop. The alpha lattice experimental designs improved variation allocation during statistical analysis and the CV by 230% compared to an RCBD design.

Yields ranged from 39 bu/ac to 55 bu/ac. The CV was 13% indicating there was more variability than desirable within this trial. Yield values within the LSD range of the highest yield are shown in bold and 12 of the 24 entries are in this group, and this also shows higher variability within this trial. Club entries are listed in italicized print and the (HSR) designation is a 20% higher seeding rate for the club entries. The HSR treatment appears to have increased yield for both club varieties in the trial. Club varieties tend to produce less tillering and the higher seeding rate might add more heads that contribute to yield.

Test weights were good with an average of 60.0 lb/bu. Grain protein averaged 11.6% with a range of 10.7% to 13.0% and is higher than desired due to high available N at this site. The average plant height was 26 inches.