Endicott Soft White Spring Wheat – Preliminary Data

1. Grain yield in the 2014 soft white spring wheat trial averaged 32 bushels/acre, 22 bushels/acre lower than the 5-year average. The Endicott nursery was located about four miles east of Endicott, WA (J. Huntley, cooperator).

2. This nursery was seeded on 24 March, 2014 following chem-fallow. Seed was placed at an 80#/acre seeding rate using a plot drill set on 7-inch spacing. Base fertilizer was 95#N/acre and a spring soil test showed 78#/acre of soil available N. Spring seeding conditions and establishment were good, but low available soil water and precipitation limited yields.

3. Yields ranged from 23 bu/acre to 39 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and seven of the 24 entries are in this group. ‘Louise’ and ‘Nick’ were the highest yielding entries in the trial. Louise was also the highest yielded over 5-years of results from this location. No fungicide was applied and no stripe rust was reported.

4. Test weights averaged 61.5 lbs/bu with a range from 60.3 to 62.8 lbs/bu. Grain protein averaged 13.5% with a range of 12.3 to 15.1%. The average plant height was 28 inches with no lodging.