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Lamont Hard Winter Wheat
1. Grain yield in the 2014 Lamont hard winter wheat trial averaged 69 bushels/acre, less than the five-year average of 85 bushels/acre. The Lamont nursery was located six miles southeast of Lamont, WA (G. White, Cooperator).
2. This nursery was seeded on 9 September, 2013 following fallow. Seed was placed at an 85#/acre seeding rate using a double-disc plot drill set on 6-inch spacing. Base fertilizer was 70#N/acre spring applied. Based on a spring soil test showing 191 #/acre available N, 79#/acre of additional N was applied for hard wheat protein based on expected yields. Fall seeding and emergence were adequate. The crop emerged before fall dormancy and showed some winter damage. Ratings of spring stands are presented in the data table as an evaluation range from 0 (all appeared dead) to 9 (full survival).
3. Yields ranged from 42 bushels/acre to 91 bushels/acre. ‘WB-Arrowhead’, was the highest yielding named entry in this trial. ‘Boundary’ had the highest overall yield across five years. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 4 of the 36 entries. There was no stripe rust observed at this location and no fungicide was applied.
4. Test weights averaged 61.5 lbs/bu and ranged from 58.9 to 63.8 lbs/bu. Grain protein averaged 12.0% with a range of 10.7 to 14.0% and lower than the 13.6% average protein in 2013. Plant height averaged 31 inches with ‘Finley’ the only variety with lodging at 7%.