Evaluation of 6-24-6 for Improving Yield and Quality of Hard Red Winter Wheat

Simplot
Bringing Earth's Resources to Life

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Whetstone winter wheat N-P-K response to 6-24-6 rate and timing, Aberdeen, Idaho, 2014-2015.

Total N	Total P	Total K	Preplant Banded gal/acre	Split *Applied Foliar gal/acre	Dry Matter Grams N/m^2	Dry Matter Grams P/m^2	Dry Matter Grams K/m^2	Dry Matter lbs/A	Yield bu/A	Protein %	Test Weight lb/bu
---------- lb/acre ----------											
0	0	0	0	0	22.7	6.1	6.6	8,394	89.8	13.0	60.1
6	8	6	3	0	30.9	8.4	8.9	8,865	92.4	13.6	59.7
11	16	11	6	0	32.9	8.9	8.7	9,162	95.8	13.8	59.5
17	24	17	9	0	38.3	9.9	11.3	11,103	112.7	13.9	59.2
6	8	6	1.5	1.5*	228	6.2	6.4	7,382	88.2	13.3	59.3
11	16	11	3.0	3.0*	27.5	7.7	8.2	8,386	93.8	13.7	59.9
17	24	17	4.5	4.5*	32.8	8.2	9.4	10,366	109.4	13.9	59.5
Pr> F					0.063	0.061	0.041	0.067	0.037	0.058	0.687
LSD@0.10					3.3	0.7	0.9	947	6.3	0.6	NS

*Applied April 23 and May 12, 2015.