

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

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“Cabernet” spring wheat yield, dry matter production and N,P,K uptake as influenced by 6-24-6 application method, rate, and timing, at Aberdeen, Idaho, 2015.

Total N	Total P	Total K	Preplant banded gal/acre	Split applied* foliar gal/acre	Plant Uptake**				Yield bu/A	Protein %	Test Weight lbs/bu
					Grams N/m ²	Grams P/m ²	Grams K/m ²	DM lbs/A			
----- lbs/acre -----											
0	0	0	0	0	22.7	5.1	5.0	6,008	102.1	13.8	56.3
6	8	6	3	0	27.0	5.2	5.3	6,431	116.5	14.3	60.4
11	16	11	6	0	36.9	6.2	5.7	7,310	117.5	14.8	60.5
17	24	17	9	0	33.1	7.5	6.2	7,319	116.4	14.7	60.7
6	8	6	1.5	1.5*	24.8	5.5	5.2	5,658	107.5	14.5	60.5
11	16	11	3.0	3.0*	29.0	6.0	5.8	6,697	109.3	14.9	60.5
17	24	17	4.5	4.5*	36.8	7.2	6.7	8,099	112.2	14.6	61.1
Means					30.6	6.1	5.7	6,789.2	111.6	15.0	60.0
Pr> F					0.022	0.035	0.049	0.021	0.057	0.047	0.029
LSD@0.10					3.1	0.6	0.6	438	6.2	0.4	2.3

*Foliar applications made on June 3 and June 14.

** Whole plant samples harvested August 4.