

Western Laboratories, Inc.

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HIGH PROTEIN WHEAT Monitoring Program

Dealer #: 11-111

Grower: Western Laboratories

Dealer: Western Laboratories, Inc

Field ID: WL

Address: 211 Hwy 95

Variety: HRW Wheat

PO Box 1020

Hard Wheat#: 16

Lab #: 100

Parma ID 83660

Date: 6/1/2018

Growth Stage: 4

INCREASE YIELD

GROWTH STAGE	DATE	IDEAL NO3-ppm	YOUR RESULTS NO3-ppm	RECOMMENDATIONS in lbs/acre N
Stage 4-5	4/19/18	5400	3621	21

INCREASE PROTEIN

GROWTH STAGE	DATE	IDEAL %N	YOUR RESULTS %Nitrogen	RECOMMENDATIONS in lbs/acre N
Stage 7		4.8		
Stage 9	5/11/18	4.6	3.60	30
Stage 10.1	6/1/18	4.4	4.49	

Hard wheat requires 2.7-3.1 pounds of nitrogen per bushel

To boost protein levels above 14%, it requires an additional .4-.5 pounds of nitrogen per bushel from boot through flowering.

Little to no protein boost can be expected if flag leaf nitrogen levels are below 3.5% N.