Wheat Response to Pelletized Lime Trial 2005

Table 4.

Wheat Response to Pelletized Lime

Treatment Time of Treatment (F) - Fall; (S) - Spring		**2005 Yield**	Significant Difference	Yield Gain Over N/P/K Control	Gross $ Value/acre @ $3.30/bu	3-Year Ave. Yield Bushels/Acre
F S F — **200 lbs *Pellet Lime*** 100 lbs Nitrogen (Actual N) 250 lbs 9-23-30	**1**	**82.68 bu**	***YES***	**15.53 bu**	**$264.58**	**84.61 bu**
S S F — **200 lbs *Pellet Lime*** 100 lbs Nitrogen (Actual N) 250 lbs 9-23-30	**2**	80.18	***YES***	**13.03**	**$256.58**	**85.24**
S F — 100 lbs Nitrogen (Actual N) 250 lbs 9-23-30	**3**	68.98	–	–	$220.74	75
S — 100 lbs Nitrogen (Actual N)	**4**	67.15	–	–	$214.88	62.94
LSD (P=.05)		3.087 bu	**Additional Test Notes**: Ave. soil pH = 6.3; P levels "High; K levels "Medium"			
C.V.		2.58%				

Comments

Pellet Lime applications provided significantly higher yields as compared to the other treatments and control. Gains of 13 to over 15 bushels/acre were realized with Pellet Lime. In three years of study, we have seen no statistical difference between fall applied Pellet Lime and spring applied Pellet Lime with urea which indicates either time of application provides an effective response.