



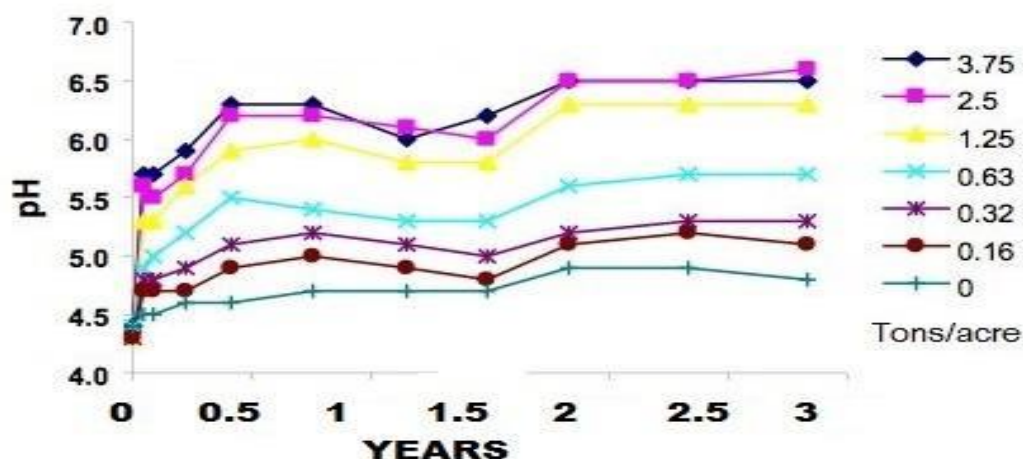
FARMERS COOPERATIVE

Milo and What You Should Know



The PH of the soil for Milo is very important. With this being said, Kay County and surrounding areas are known for having acidic soil. In a field plot test OSU done, a 4.0 PH was the control of soil in the field. They then added lime to two of the plots to bring the PH to desired levels. Below is a chart with the data they collected, showing what it cost to lime and the projected price of your crop, showing it does pay to lime.

SORGRUM						
PH	TONS OF LIME	PROJECTED PH	PROJECTED BU	\$LIME/ACRE	ACRES	TOTAL PRICE
4	2 TONS/ACRE	5.7	80 BU	\$27	80	\$4,320
4	1 TONS/ACRE	4.6	48 BU	\$27	80	\$2,160
4	0 TONS ACRE	4	32 BU	\$27	80	\$0
		PROJECTED	\$ LIME MINUS			
	MILO PRICE	MILO CROP	MILO CROP	RETURN/ACRE		
	\$3.21	\$20,544.00	\$16,224.00	\$202.80		
	\$3.21	\$12,326.00	\$10,166.00	\$127.70		
	\$3.21	\$8,218.00	\$8,218.00	\$102.70		



SUGARCANE APHIDS PROBLEMS?

sugarcane aphid caught many Oklahoma farmers by surprise this past milo season. We now know many different ways to help save your milo crop thanks to Louisiana States University. LSU has had problems with aphids in their milo for past 5 years and have been helpful to OSU on lending information on the fight against sugarcane aphids. There's many ways to help prolong your milo crop and get the yield you desire.

- Seed Treatments- when mixing products like cruiser, poncho, & gaucho with your seed and applying it through the drill help prevent aphids for up to 40 days to get milo through the pre-boot stage. Studies of shown where seed treatments vs non seed treatment plots averages 15%-45% more BU-ACRE
- Scouting Early & Often- Pre-boot stage is the most important stage when it comes to milo prevention. The threshold for aphids is 50 aphids per leaf 20% of the field. (50 aphids = size of a quarter)
- Application- When it comes to spraying for aphids, there's 3 chemicals that work. Sivvanto, Lorsban, and Transform. Ground application is preferred because you want a high volume of 15 to 20 GPA with 40- 50 lbs. of pressure, where aerial application only sprays volume of 3 -5 GPA.
- JOHNSON GRASS CONTROL- studies have shown that aphids thrive in Johnson grass. With Oklahoma's roadsides being covered in 3-foot-tall it makes a perfect breeding ground for aphid. Mowing around your fields or even spraying to kill them will also help prevent them.

Crop Stage at 20% Infestation	Percent Yield Loss with no Treatment
Pre-boot	81-100%
Boot	52-69%
Panicle Emergence	67%
Soft Dough	21%