



RESEARCH UPDATE: **MLC Soybean**

TRIAL DETAILS

LOCATION
Quantico, MD

SOYBEAN VARIETY
ASGROW AG46X6

AVG. SEED RATE
144,000

COOPERATOR
Mulford Agronomics

PLANT DATE
June 7, 2021

HARVEST DATE
November 11, 2021

TRIAL DESCRIPTION AND EXPERIMENTAL DESIGN

This field trial was replicated 4 times and arranged in a randomized complete block design. Soil type is a Mattapeake Silt Loam.

TREATMENTS

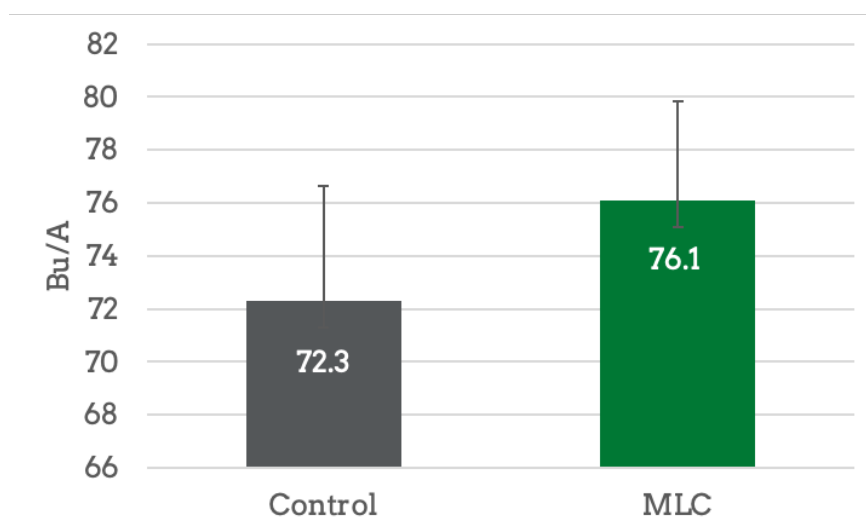
Treatment	Rate	Application	Rows	Plot Size	Reps
MLC	1.0 qt/A	In-furrow	9	30ft x 100 ft	4
Control	--	--	9	30ft x 100 ft	4

MAINTENANCE

All plots received an herbicide application on 5/04/2021 of 10 gal water + 1 pt 2, 4-D Ester + 1.25 pts Dual + 28 oz of Roundup up to 24 gal with water @ 3 mph. Postemergence herbicide was applied on 6/28/21 at V3 - V4 stage in 10 gal. water and 28 oz/a Roundup at a Spray rate of 24 gal/A @ 35 psi. All plots received a pre-plant broadcast dry fertilizer application of 100 lbs/a of 11-52-0 + 125 lbs/a of 0-0-60.

TRIAL RESULTS SUMMARY

Monty's Liquid Carbon (MLC) increased ROI and yield by an average of 3.8 bu/A. An average ROI of \$43.93 was achieved with a 1 qt/A application of MLC in-furrow.



Treatment	ROI/Control per Acre*
MLC	\$43.93
Control	--

*Calculated at \$12.90 Bu/A