



# Calcium Methods and Timing for Soybeans ( 23-702 )

## Experiment Info:

Planted:	5/16/2023
Harvest:	10/18/2023
Yield Goal:	60 bu/A
Target Fert.:	
Variety:	XO 2181E
Population:	140000
Row Width:	30"
Prev. Crop:	Corn
Plot Size:	15 x 265
Replications:	4

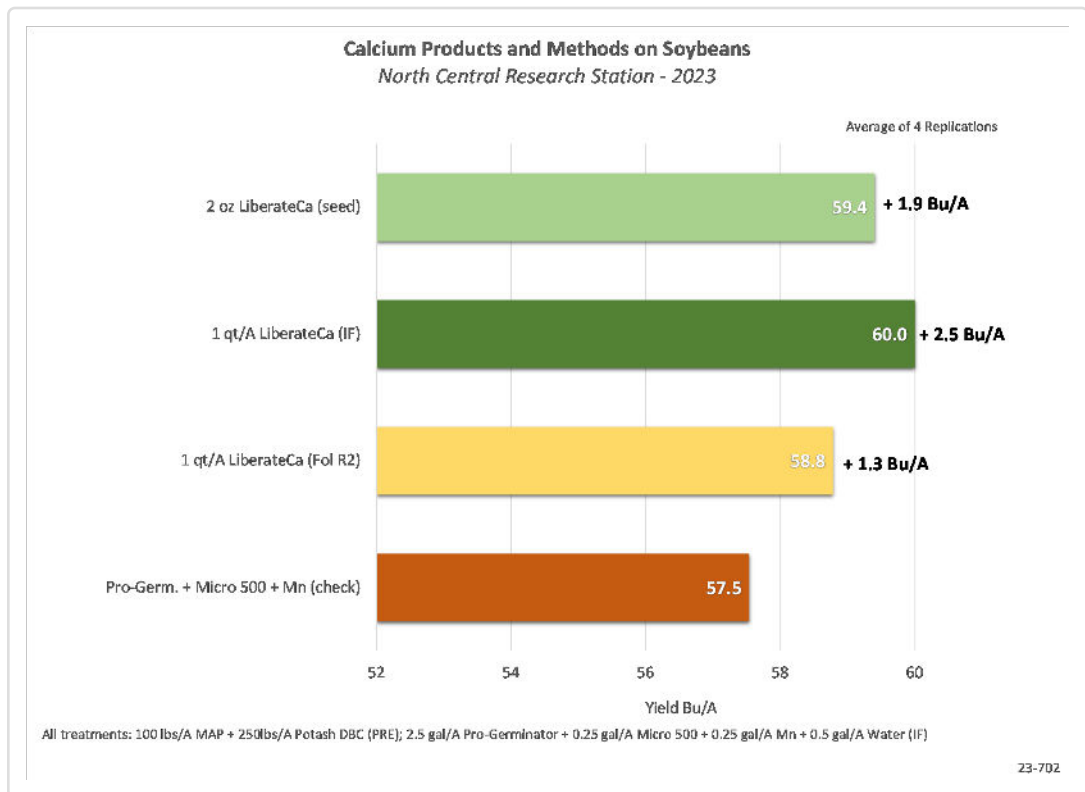
## Soil Test Values (ppm):

pH:	5.9
CEC:	11.2
%OM:	2.2
Bray P1:	6
Bicarb P:	0
K:	93
S:	6
%K:	2.1
%Mg:	14.1
%Ca:	66.7
%H:	16.7
Zn:	1.1
Mn:	5
B:	0.3

## Objective:

To evaluate the best timing and method of application for calcium on soybeans. AgroLiquids' LiberateCa product was used in this study, it is a great product to apply as a seed treatment, in-furrow, and as a foliar.

The NCRS tested three application methods to apply calcium to your soybean crop. These included a seed treatment of 2 oz per unit, a quart in-furrow at planting, and one quart as a foliar at the R2 timing. These three were all compared to a no LiberateCa check. All treatments received 2.5 gal/A Pro-Germinator + 0.25 gal/A Micro 500 + 0.25 gal/A Manganese + 0.5 gal/A water in-furrow at planting and LiberateCa was added to each program as required.



## Conclusions:

- LiberateCa applied in-furrow at 1 qt/A yielded a significantly 2.5 bu/A higher than the check
- Adding LiberateCa with any method tested above, added additional yield over the check