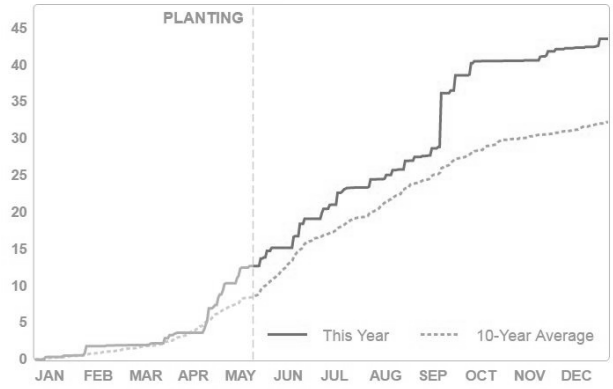
# Kugler KQ Calcium Chloride on Soybeans

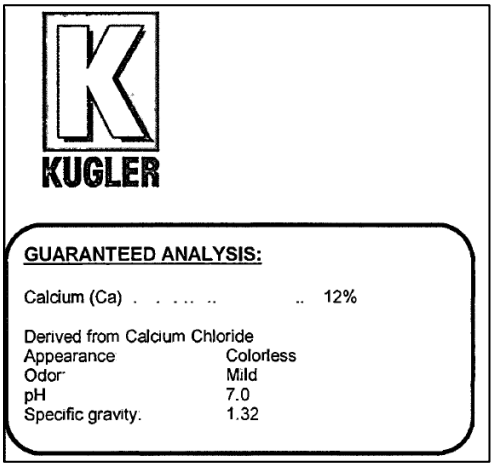
**Study ID:** 319039201601
**County:** Cuming
**Soil Type:** Moody silty clay loam 2-6% slopes
**Planting Date:** 5/19/16
**Harvest Date:** 10/4/16
**Population:** 130,000
**Row Spacing (in):** 36
**Hybrid:** Curry 1252
**Reps:** 4
**Previous Crop:** Corn
**Tillage:** No-Till

**Irrigation:** None
**Rainfall (in):**




**Introduction:** Kugler KQ Calcium Chloride was applied at a rate of 1 gal/acre in a 7 gal/acre solution on April 4, 2016. Product information is below. The field was grid sampled in 2009. pH was between 5.8 and 6.1 and buffer pH was between 6.5 and 6.7. Lime was applied at a rate of just over 2 ton/acre. No lime or calcium was applied since then until April 4, 2016 for this study. Soil tests were also taken in the fall of 2015; pH was 6.3. Base saturations were as follows:

K% = 2.3, Mg% = 21.5, Ca% = 66.0, and H% = 10.2.




**Results:**

| | Yield (bu/acre)† | Marginal Net Return‡ ($/ac) |
|---|---|---|
| Check | 66 | $610.50 |
| Kugler KQ Calcium Chloride | 68 | $617.18 |
| P-Value | N/A | N/A |

†Bushels per acre corrected to 13% moisture.
‡Marginal net return based on $9.25/bu soybean, $5/ac product cost, and $6.82/ac application cost.

**Summary:** This study was replicated but not randomized, therefore no conclusions can be drawn.


**Sponsored by:**

**In Partnership with:**