

Impact of Conklin® Intensify® on Irrigated Soybean

Study ID: 0085141201919

County: Platte

Soil Type: Gibbon silt loam, occasionally flooded;
Janude fine sandy loam, 0-1% slope

Planting Date: 5/13/19

Harvest Date: 10/9-17/2019

Seeding Rate: 147,000

Row Spacing (in): 30

Variety: Golden Harvest® GH2788X

Reps: 6

Previous Crop: Corn

Tillage: No-Till

Herbicides: **Pre:** 22 oz/ac XtendiMax®, 3 oz/ac Fierce®, and 32 oz/ac Roundup PowerMAX® with 20 oz/ac Class Act® Ridion® and 13 oz/ac OnTarget® **Post:** 22 oz/ac XtendiMax®, 2 pt/ac Warrant®, 6 oz/ac Select®, and 32 oz/ac Roundup PowerMAX® with 20 oz/ac Class Act® Ridion® and 13 oz/ac OnTarget®

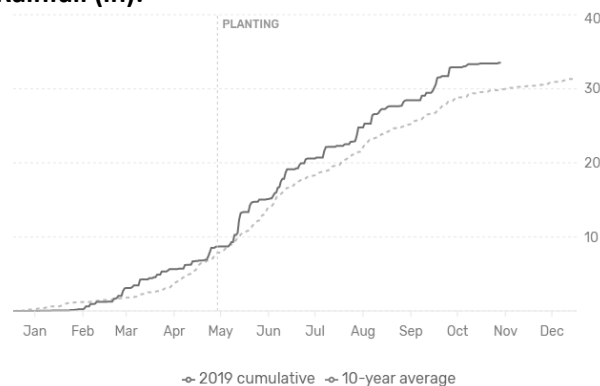
Foliar Insecticides: Leverage® 360 on 8/1/19

Foliar Fungicides: Stratego® YLD on 8/1/19

Fertilizer: 100 lb/ac MicroEssentials® SZ™ (12-40-0-10S-1Zn) in April, 6 gal/ac 8-20-3-6-0.4 on surface with planting

Irrigation: Pivot, Total: 5"

Rainfall (in):



Introduction: The purpose of this study is to evaluate Conklin® Intensify®, a plant growth regulator containing gibberellic acid and indole-3-butyric acid. The guaranteed analysis is below. Intensify® was applied at a rate of 0.26 oz/ac in-furrow with 5 gal/ac of water.



Active Ingredients:

Gibberellic acid 0.70% w/w

Indole-3-butyric acid 0.64% w/w

Other Ingredients: 98.66% w/w

Total: 100.0% w/w

Contains a total of 0.0070 lb. of gibberellic acid and 0.0064 lb. of indole-3-butyric acid in 1 lb. of the product.

Product information from: <https://www.conklin.com/mwdownloads/download/link/id/633/>

Results:

| | Moisture (%) | Yield (bu/ac)† | Marginal Net Return‡ (\$/ac) |
|--------------------|--------------|----------------|------------------------------|
| Check | 11.7 A* | 71 A | 573.42 A |
| Conklin® Intensify | 11.7 A | 69 A | 555.94 A |
| P-Value | 0.813 | 0.538 | 0.444 |

*Values with the same letter are not significantly different at a 90% confidence level.

†Yield values are from cleaned yield monitor data. Bushels per acre adjusted to 13% moisture.

‡Marginal net return based on \$8.10/bu soybean and \$3.58/ac Intensify®.

Summary: There was no difference in grain moisture, yield, and net return between the Intensify® treatment and the untreated check.

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