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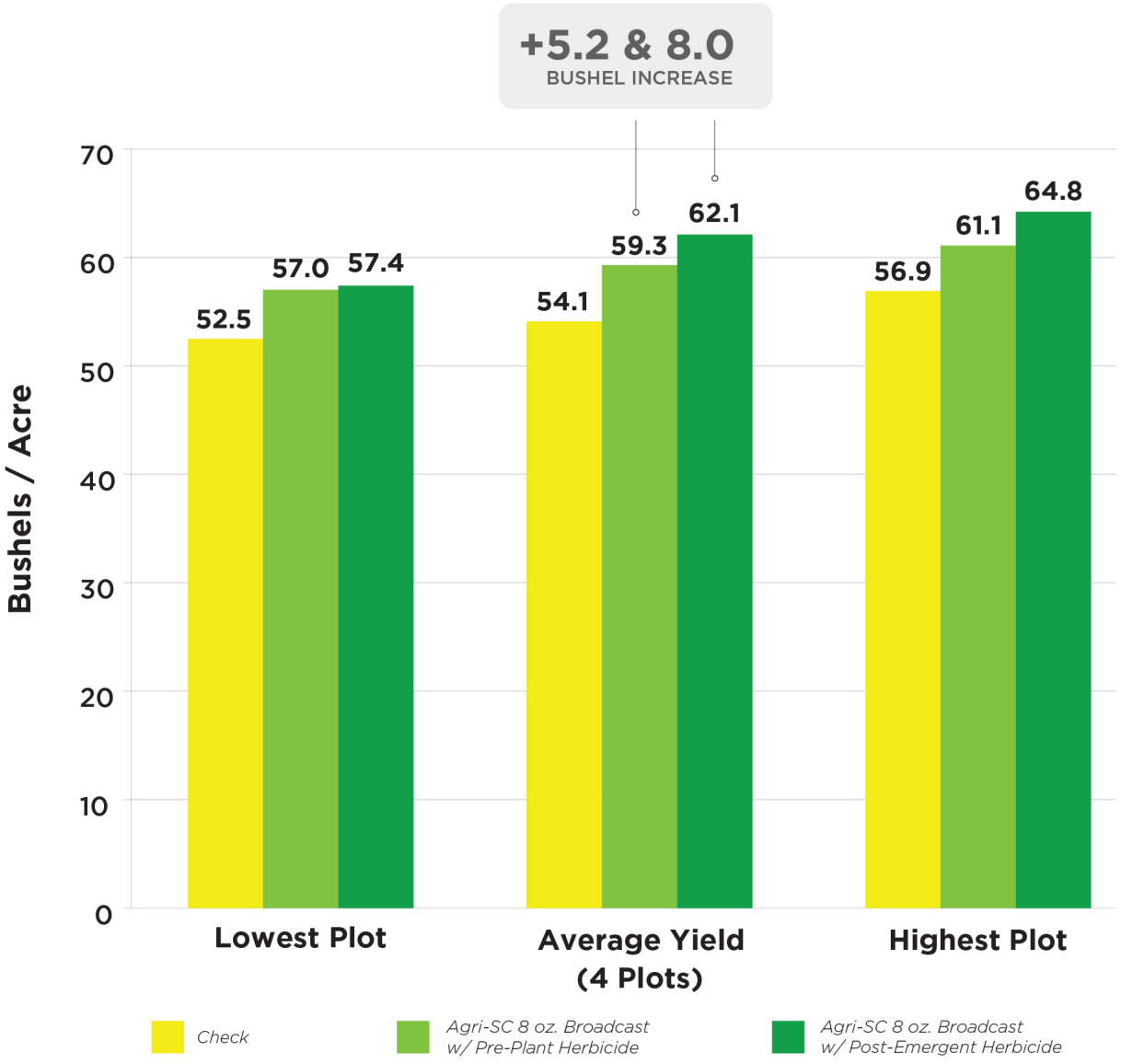
2020 SOYBEAN YIELD RESPONSE TO AGRI-SC®

Tested with Boundary Pre-Emergent Herbicide & Post-Emergent Prefix/Glufosinate in Field Trials at Agricenter Int'l / Memphis, TN



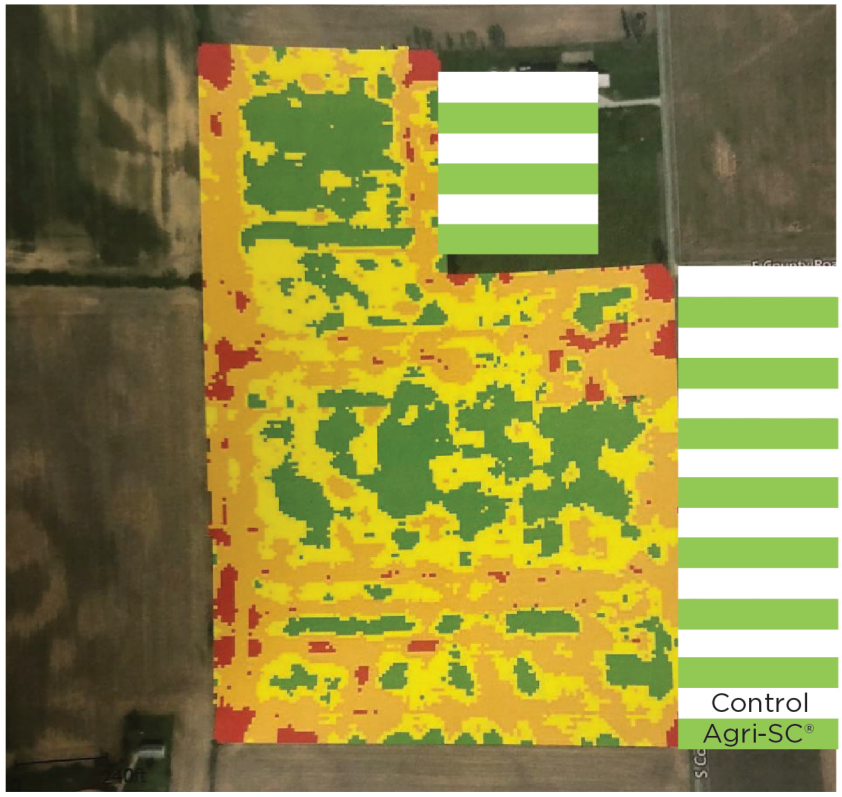
Study Director: Dr. Bruce Kirksey
Agri-SC® @ 8 oz per acre
Date Planted: June 3, 2020
Variety: GoSoy 4912LL Liberty Link
Population: 140,000 Seeds/Acre
Pre-Emerge Herbicide - Boundary
Post-Emerge Herbicide - Prefix/Glufosinate
Date Harvested: November 11, 2020

- 4 replications in a randomized complete block design.
- Research indicates improvement in yield for 8 oz broadcast applications w/ pre-emergent Boundary or w/ post-emergent Prefix/Glufosinate spray passes.

Agri-SC® is an exclusive product of
Four Star Services, Inc.
Bluffton, Indiana **www.agri-sc.com**
800.348.2608

2018 AGRI-SC® BROADCAST STRIP PLOT

Grain Harvest 2018 - 50(CORN)



Yield (Dry) (bu/ac)

- 239.85 - 304.64 (12.83 ac)
- 220.00 - 239.85 (17.09 ac)
- 170.00 - 220.00 (18.77 ac)
- 13.62 - 170.00 (2.63 ac)

In 2018, a 50 acre field in Greenfield, IN was used to test Agri-SC® in strips, checking for emergence and yield improvement. Agri-SC® was applied at a rate of 8 oz. / acre in every other pass with an 80' sprayer. The field had never been treated with Agri-SC® in the past. The treated strips of the field showed significant benefits in emergence counts and on the yield map.

Agri-SC® Test Rate: 8 oz. / acre
Plant Date: 05/09/2018
Harvest Date: 10/13/2018
Plant Population: 32,000
Emerged Population of Agri-SC® app: 29-31k
Emerged Population of Control: 28-29k

"The big part of the field is 16 sprayer passes. 8 of which were treated starting 80' in from the south side and alternating going north. The back northern end of the field has higher organic matter and typically produces better yields. Test and control strips also included 28% nitrogen, sprayed on then incorporated in. Corn was planted at 32k and a final stand of 29-31k in the treated and 28-29k in the untreated. End rows were not treated. The ears in the Agri-SC® strips were similar in rows vs. the control, but often had 2-3 more kernels in length." - Andrew S. Central IN

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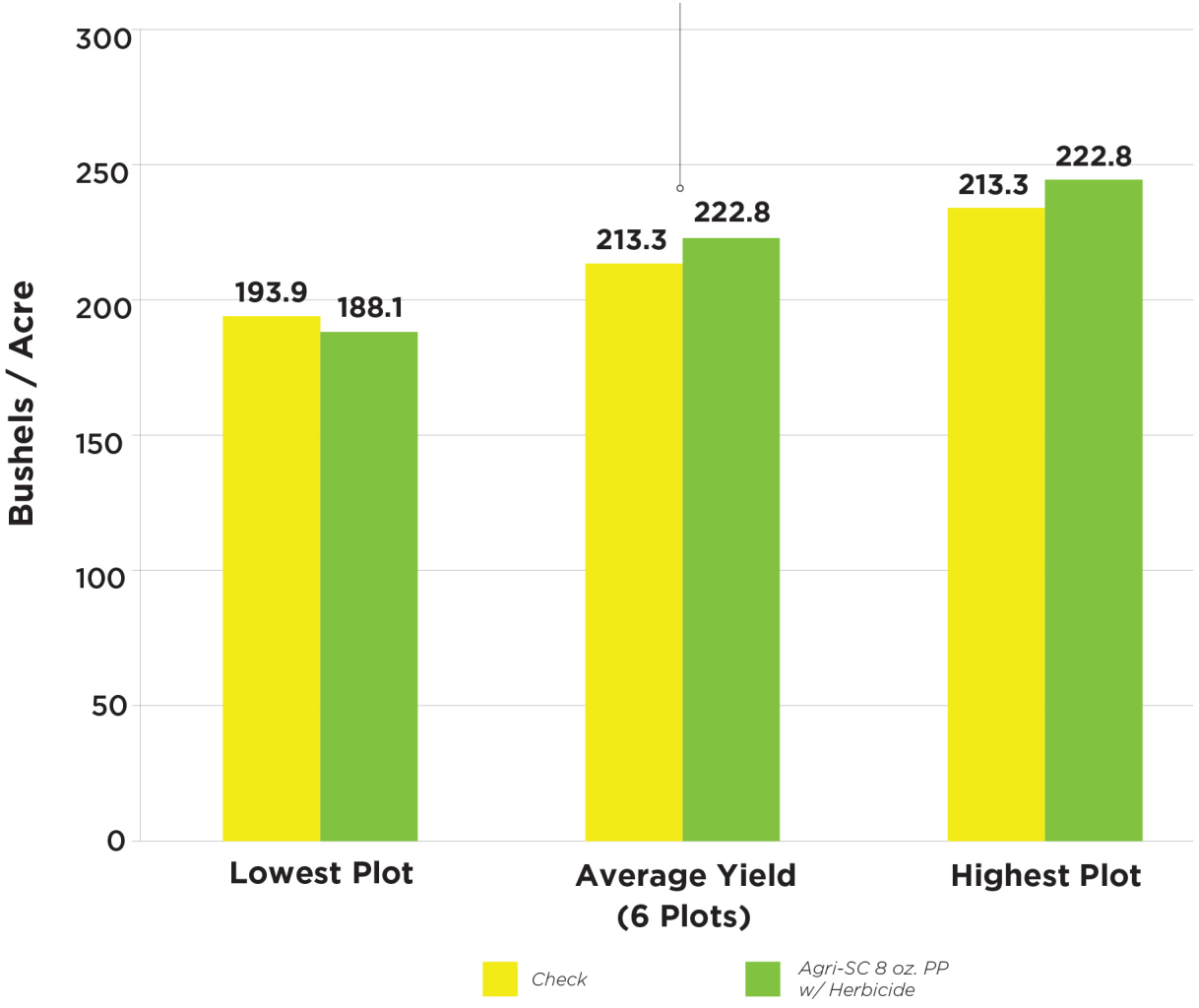
2020 CORN YIELD RESPONSE TO AGRI-SC®

Application with Pre-Plant Herbicide Pass in Field Trials at ACRES Research Dunkertown, Iowa

+9.5 BUSHELS
PER ACRE ON 6 PLOT AVG.



Study Director: Dr. Bert Schou
Agri-SC® @ 8.5 oz. / acre (1 gal / 15 acres) w/ Staunch herbicide @ 1 qt. per acre
Date Planted: May 9, 2020
Rate: 34,000 Seeds/Acre
Seed Variety: LG 58C77 VT2
Emergence Date: May 19, 2020
Date Harvested: October 17, 2020

- 6 replications in a randomized complete block design.
- Research indicates improvement in yield for 8.5 oz broadcast applications w/ pre-plant herbicide pass.
- Research indicates **Agri-SC®** improves net dollar return per acre.

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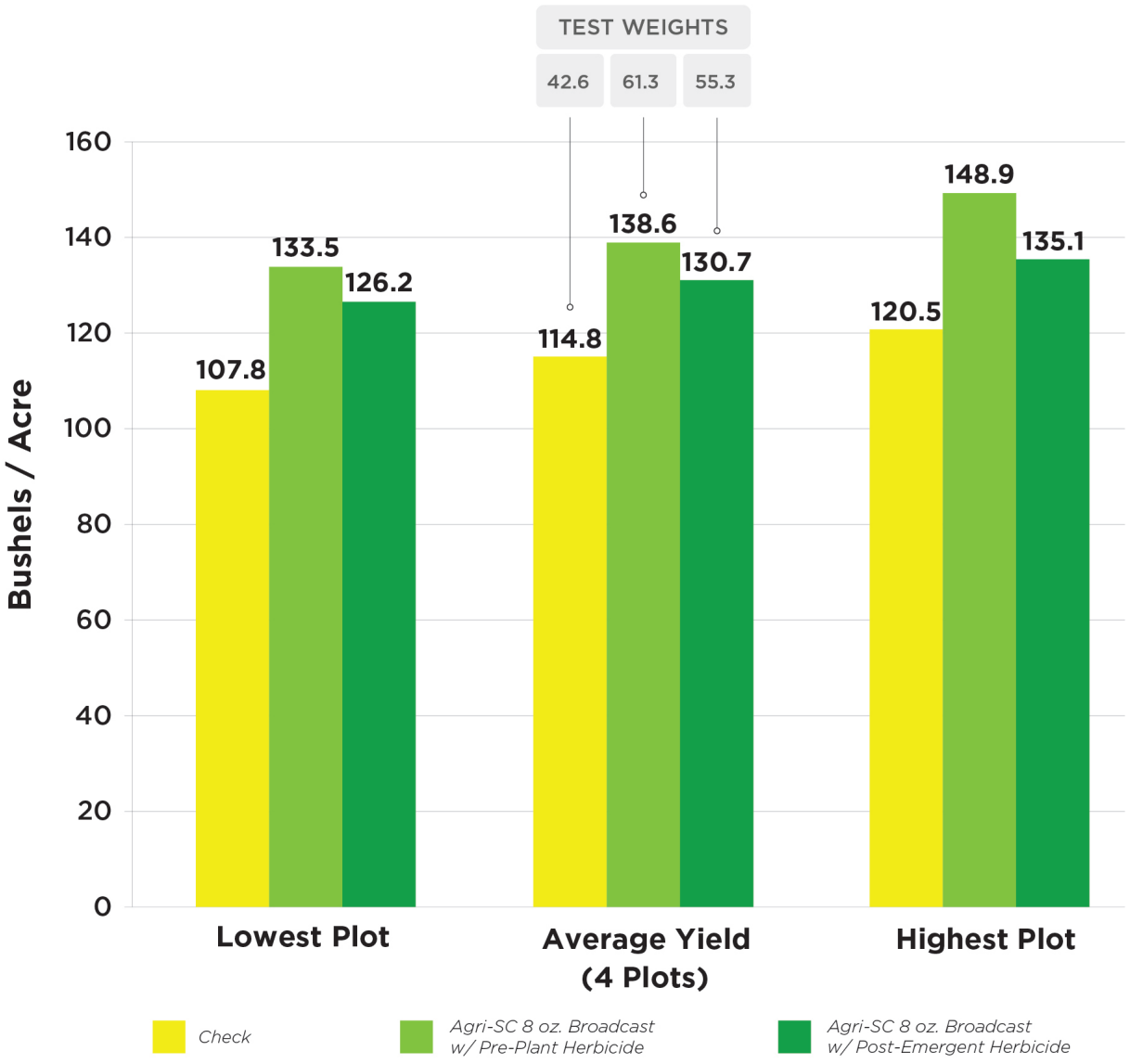
Agri-SC®

2019 CORN YIELD RESPONSE TO AGRI-SC®

tested with Pre-Emergent Herbicide and with Post-Emergent Glyphosate in Field Trials Agricenter Int'l / Memphis, TN



Study Director: Dr. Bruce Kirksey
Agri-SC® @ 8 oz per acre
Date Planted: May 31, 2019
Variety: Progeny P7111VT2P
Population: 32,000 Seeds/Acre
Pre-Emerge Herbicide - Acuron
Post-Emerge Herbicide - Round-Up PM2
Date Harvested: September 27, 2019

- 4 replications in a randomized complete block design.
- Research indicates improvement in yield for 8 oz broadcast applications w/ pre-emergent Boundary or w/ post-emergent Prefix/Glufosinate spray passes.

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