

UNDERTOW

0-0-3 FIELD READY

SOYBEAN STARTER ADDITIVE RESULTS

2023



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UNDERTOW® SOYBEAN STARTER FIELD TRIAL DATA

Pester Lane Farm - Whitewater, WI

Planting Date: May 20, 2023

Soil Type: Milford Silty Clay Foam

Planting Depth: 1.5 in

Soil sampling prior to planting:

- pH: 7.1
- P: 33 ppm
- K: 134 ppm
- CEC: 24.1
- Ca: 3986 ppm
- Mg: 724 ppm
- S: 4.0 ppm
- B: 0.6 ppm
- Mn: 27 ppm
- Zn: 4.2 ppm
- Sand: 10%
- Silt: 70%
- Clay: 20%
- O.M.: 4.7%

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TREATMENTS

UNDERTOW® SOYBEAN STARTER ADDITIVE TREATMENTS

1. 3-5-15 at 3 gal/acre (CHECK)
2. 3-5-15 at 2.75 gal/acre with UNDERTOW® at 1 qt/ac (Diluted to a 1-gal solution)
3. 3-5-15 at 2.5 gal/acre with UNDERTOW® at 2 qt/ac (Diluted to a 1-gal solution)
4. 3-5-15 at 2.5 gal/acre plus UNDERTOW® at 1 qt/acre + 1 qt CELP™ 4-0-9
5. 3-5-15 at 2.5 gal/acre plus Experimental 11 at 1 qt/acre
6. 3-5-15 at 2.5 gal/acre plus Experimental 18 at 1 qt/acre

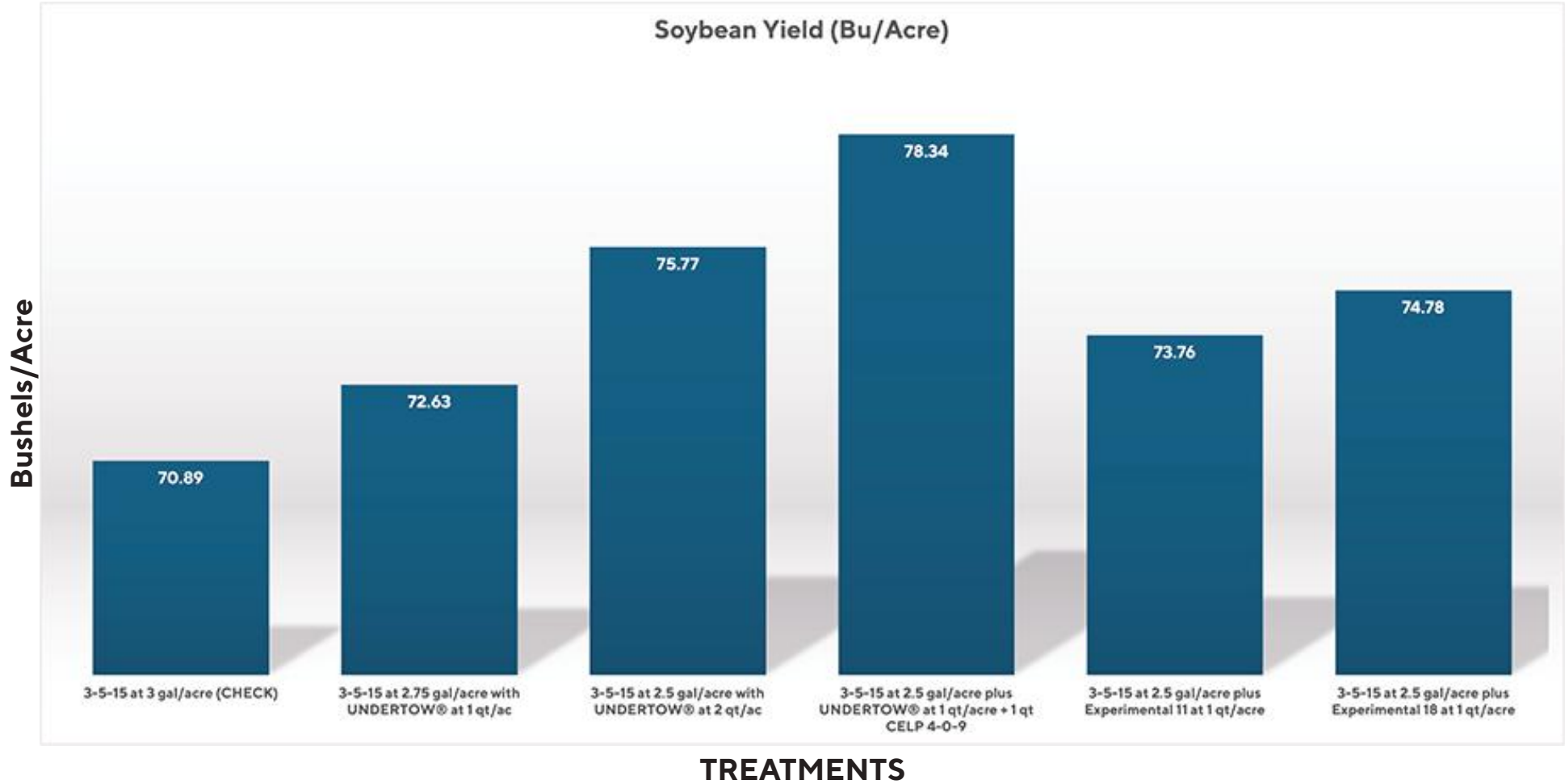
TREATMENT NOTES

- Pester Lane Farm - Whitewater, WI
- Treatments applied at Planting: May 20, 2023
- Seeds: Standard ST F+I
- Harvest: October 24, 2023
- Soil Type: Milford Silty Clay Foam
- Planting Depth: 1.5 in
- Grain Yield: Adjusted to 15% Moisture Bu/Acre

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SOYBEAN YIELD RESULTS



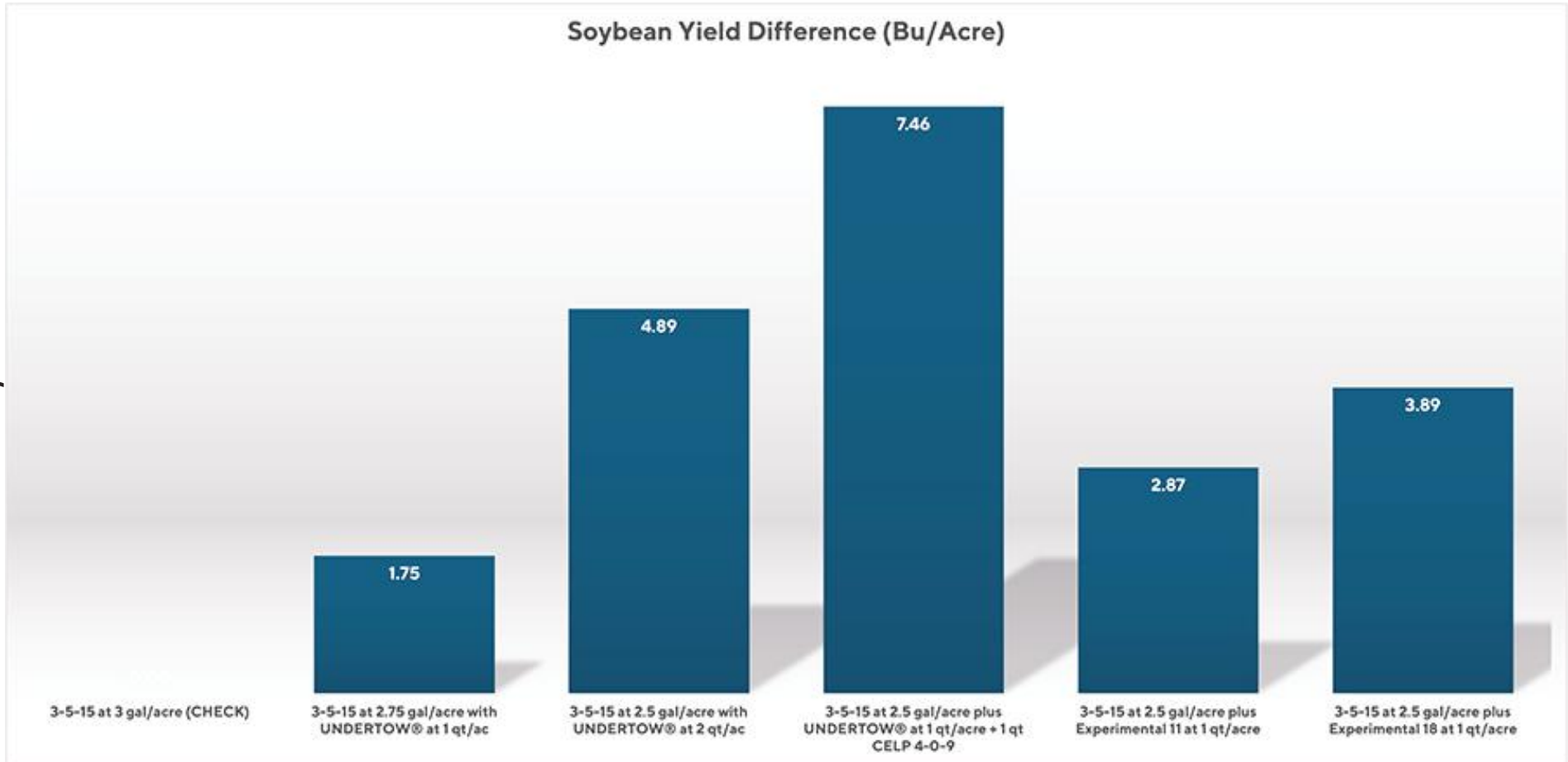
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SOYBEAN YIELD DIFFERENCE

Soybean Yield Difference (Bu/Acre)

Bushels/Acre

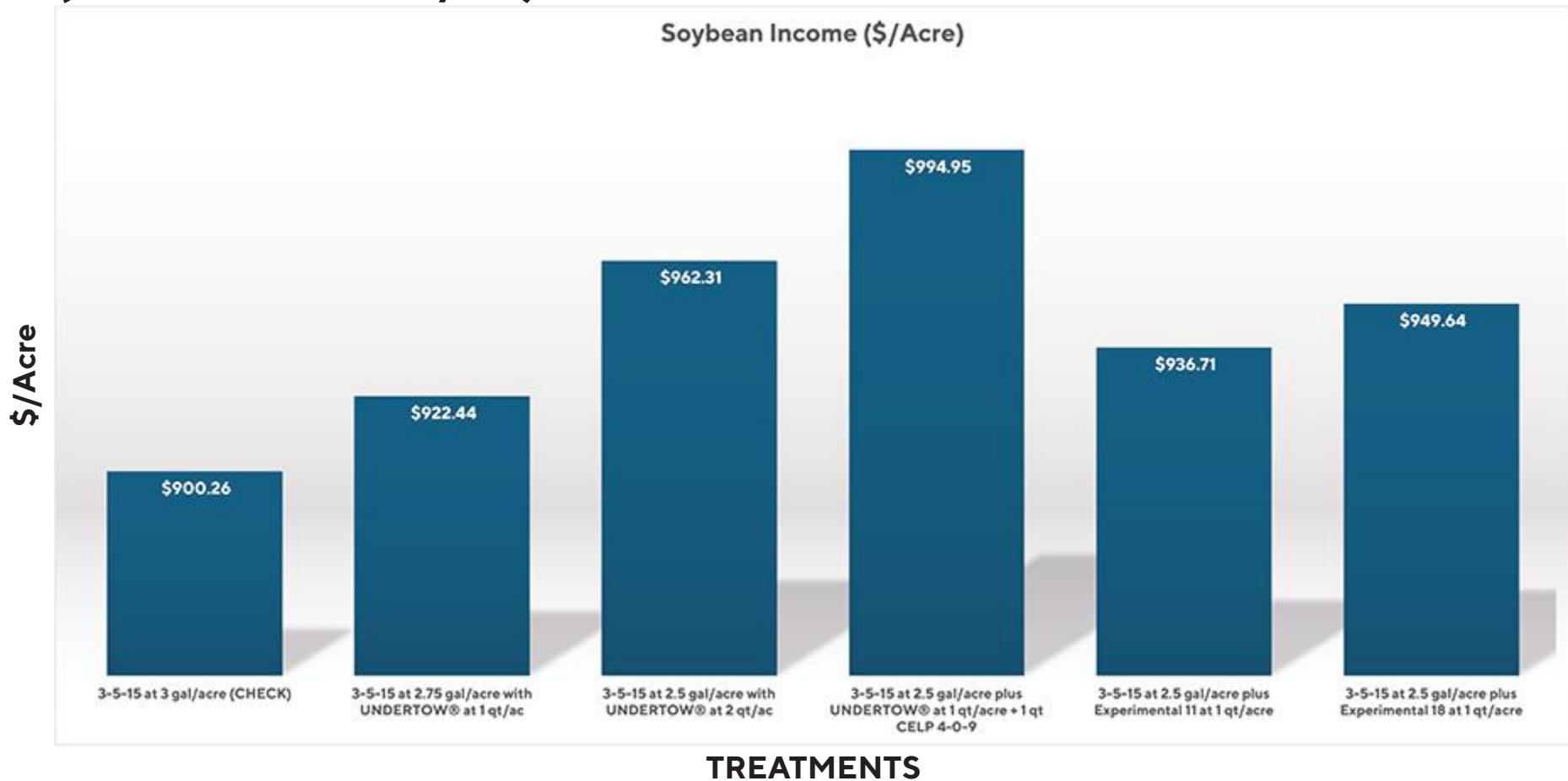


TREATMENTS

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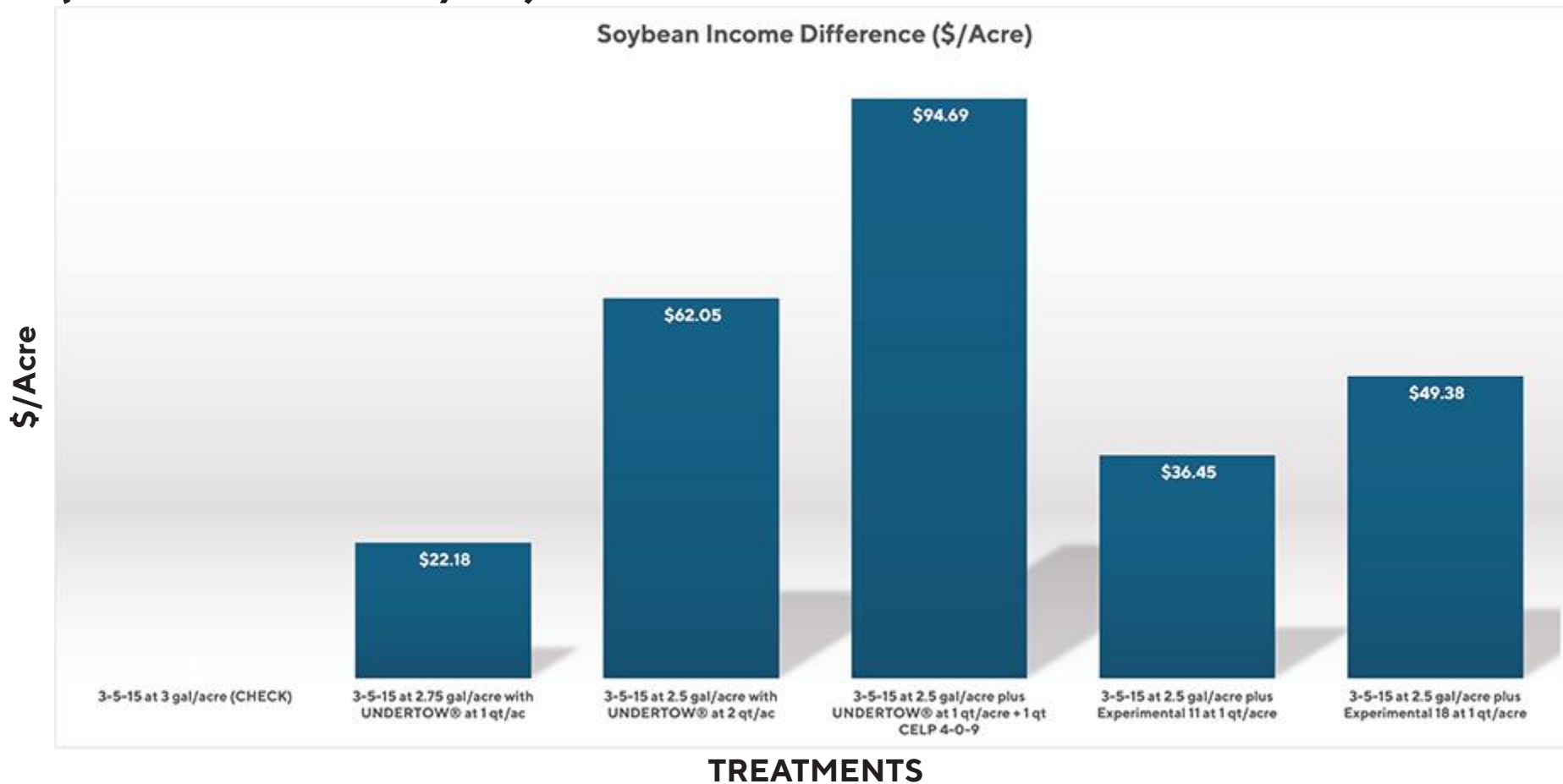
SOYBEAN INCOME (GRAIN @ \$12.70/Bu)



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SOYBEAN INCOME DIFFERENCE (GRAIN @ \$12.70/Bu)



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CONCLUSIONS

- ✦ The combination treatment of **UNDERTOW**[®] @ 1qt/ac + **CELP**[™] 4-0-9 @ 1 qt/ac + 3-5-15 @ 2.5 gal/ac is better than any other treatment (besides **UNDERTOW**[®] @ 1qt/ac + 3-5-15 @ 2.5 gal/ac where they performed similarly) with 99% confidence. Both treatments are significantly better than the standard check with 99% confidence.
- ✦ **UNDERTOW**[®] @ 1qt/ac + **CELP**[™] 4-0-9 @ 1 qt/ac + 3-5-15 @ 2.5 gal/ac increases yield and ROI.
- ✦ **UNDERTOW**[®] @ 1qt/ac + 3-5-15 @ 2.5 gal/ac increases yield and ROI.

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