

CORN



DATA RESULTS • ENVITA

CORN 2021 DATA



CORN

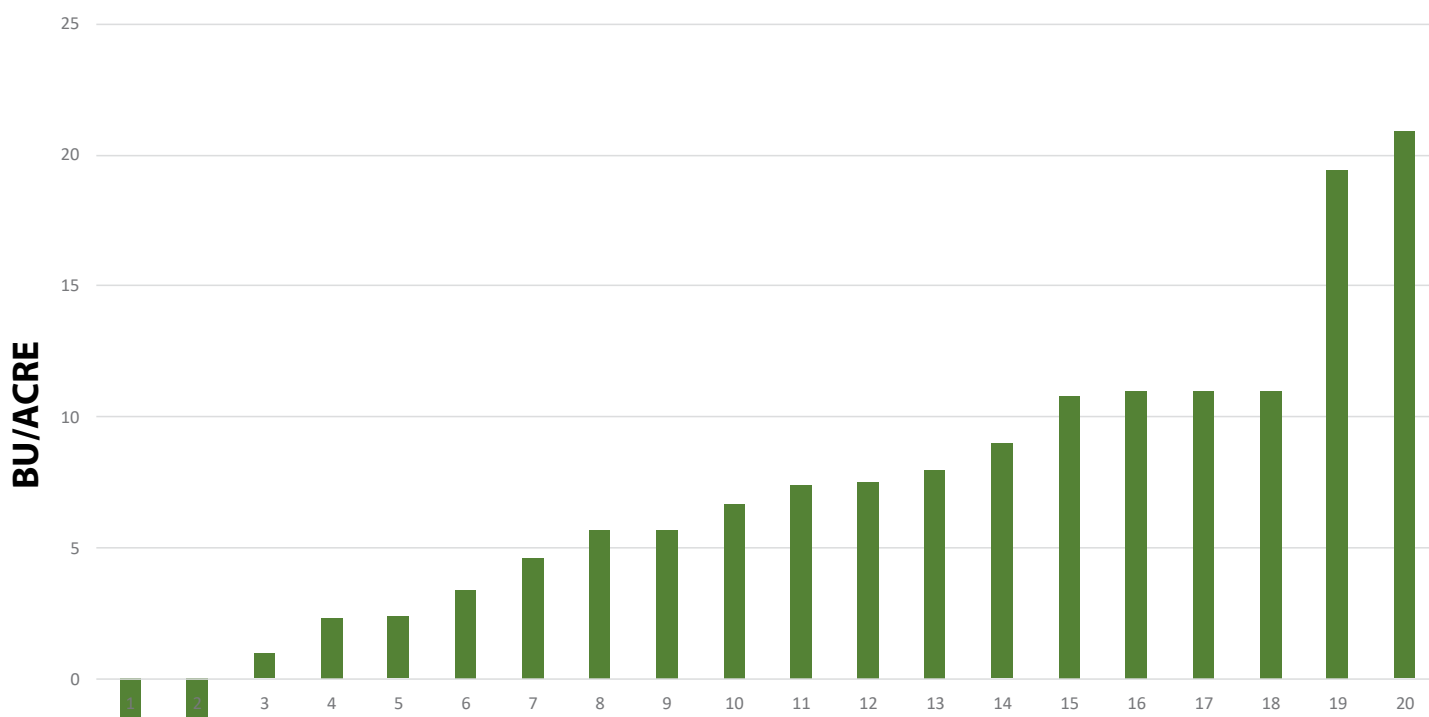
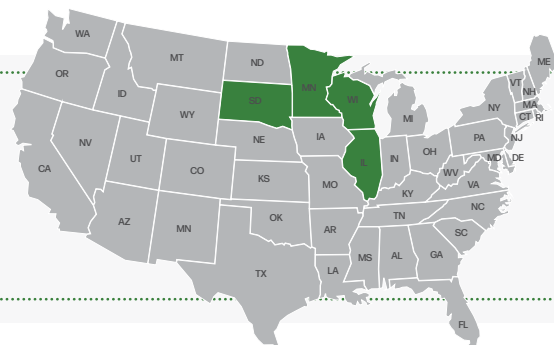
20
DATA POINTS

90%
POSITIVE RESPONSE

4
STATES

7.2 BU/ACRE
AVERAGE INCREASE

7
LOCATIONS



8.2
BU/ACRE

COMMENTS

The Envita win rate was approximately 9% above our 3-year average in 2021. This is likely due to the dry conditions that persisted across much of the upper Midwest. Dry conditions made below ground nitrogen mineralization more difficult. Envita's ability to capture nitrogen from the atmosphere above ground and deliver it directly to the leaf tissue makes it virtually non-weather dependent.

**AVERAGE INCREASE
WHEN POSITIVE**

DATA RESULTS • ENVITA

CORN MULTI-YEAR DATA

envita

CORN

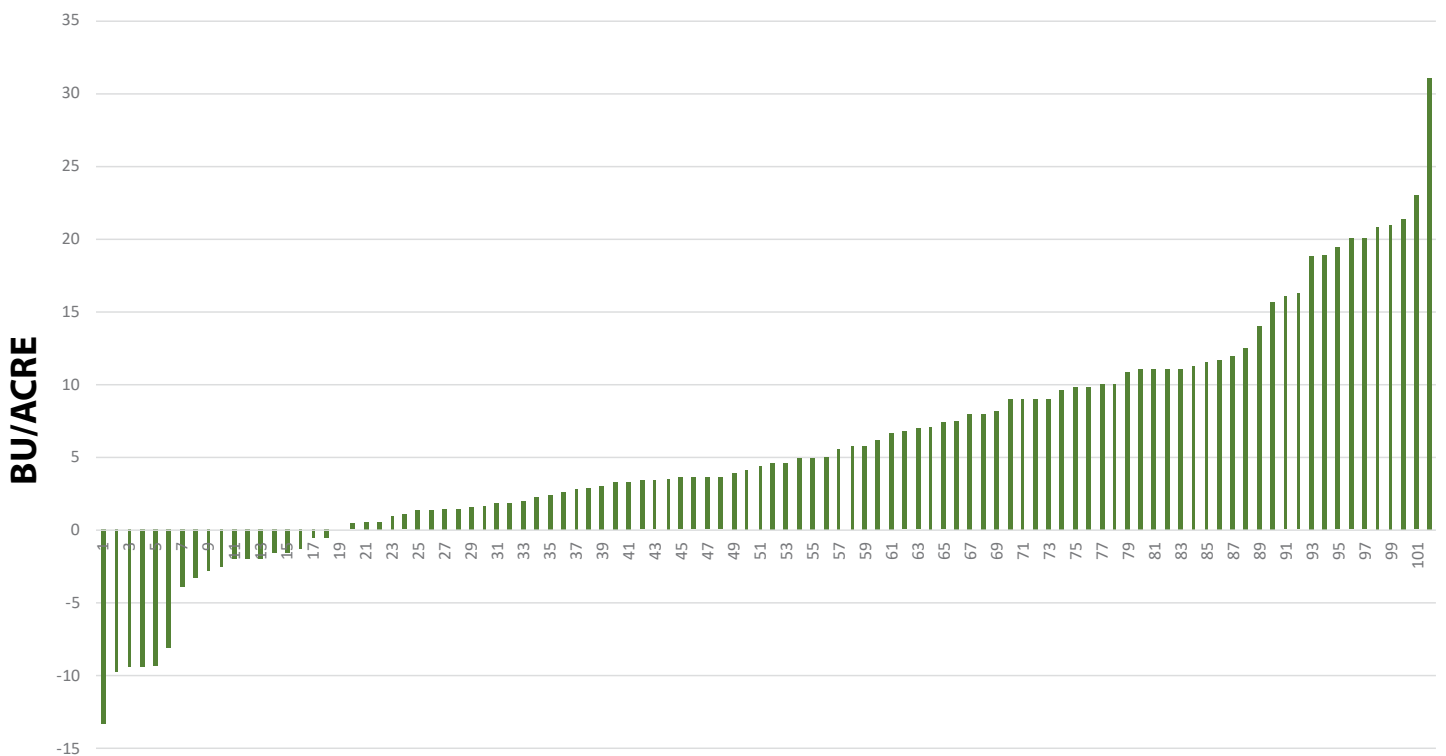
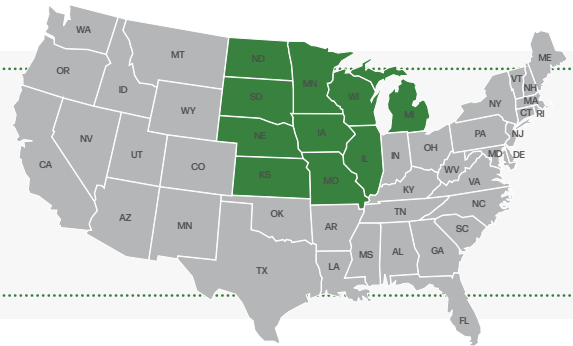
102
DATA POINTS

81%
POSITIVE RESPONSE

10
STATES

5.7 BU/ACRE
AVERAGE INCREASE

38
LOCATIONS



8.0
BU/ACRE

**AVERAGE INCREASE
WHEN POSITIVE**

COMMENTS

Envita has proven to be an extremely consistent product over the 3-year testing period. With a win rate of over 80% and a yield advantage of over 8 bu/acre during those wins this product gives growers a significant ROI opportunity.

2021 YIELDMASTER SOLUTIONS

BIOLOGICAL FIELD TRIAL RESULTS

CLAIRE CITY, SD
LOCATION

CORN
CROP TYPE

9193 VIP3220A EZREF
SEED HYBRID/VARIETY

FOLIAR
APPLICATION METHOD

MAY 4, 2021
PLANTED

NOV. 2, 2021
HARVESTED

en^oita

-vs-

CONTROL

17.5%

TREATED MOISTURE

-vs-

17.5%

CONTROL MOISTURE

214.9

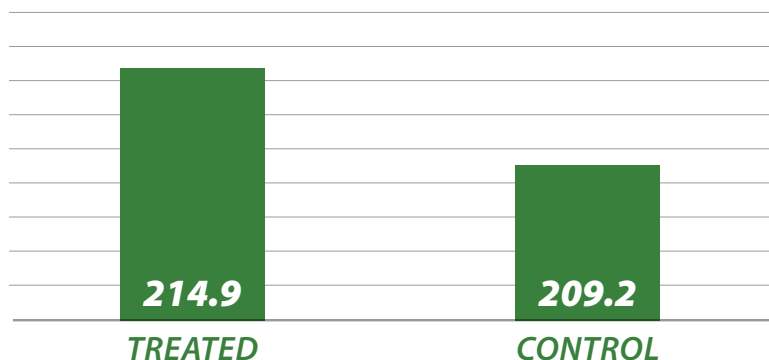
TREATED BU/ACRE

-vs-

209.2

CONTROL BU/ACRE

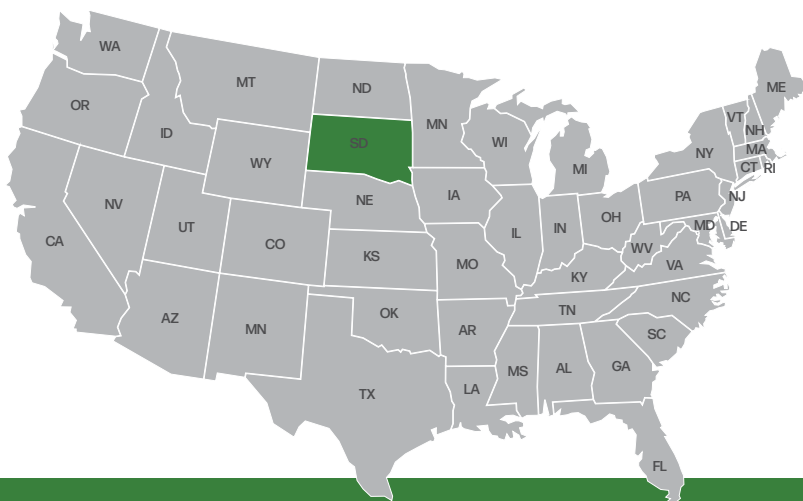
BU/ACRE



5.7

BU/ACRE

ADVANTAGE



2021 YIELDMASTER SOLUTIONS

BIOLOGICAL FIELD TRIAL RESULTS



DELMONT, SD
LOCATION

CORN
CROP TYPE

DKC55-85
SEED HYBRID/VARIETY

IN FURROW
APPLICATION METHOD

MAY 1, 2021
PLANTED

OCT. 18, 2021
HARVESTED

en^oita

-vs-

CONTROL

13.3%
TREATED MOISTURE

-vs-

13.3%
CONTROL MOISTURE

143.0
TREATED BU/ACRE

-vs-

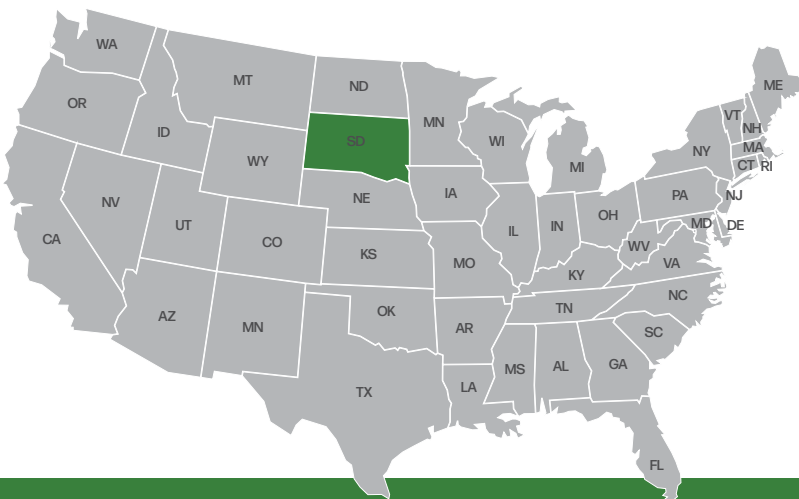
134.0
CONTROL BU/ACRE

BU/ACRE



9.0
BU/ACRE

ADVANTAGE



2021 YIELDMASTER SOLUTIONS

BIOLOGICAL FIELD TRIAL RESULTS

LAKE PRESTON, SD
LOCATION

CORN
CROP TYPE

LR 9102 DC5222 EZREF
SEED HYBRID/VARIETY

IN FURROW
APPLICATION METHOD

APR. 3, 2021
PLANTED

SEPT. 28, 2021
HARVESTED

en^oita

-vs-

CONTROL

19.2%

TREATED MOISTURE

-vs-

19.0%

CONTROL MOISTURE

207

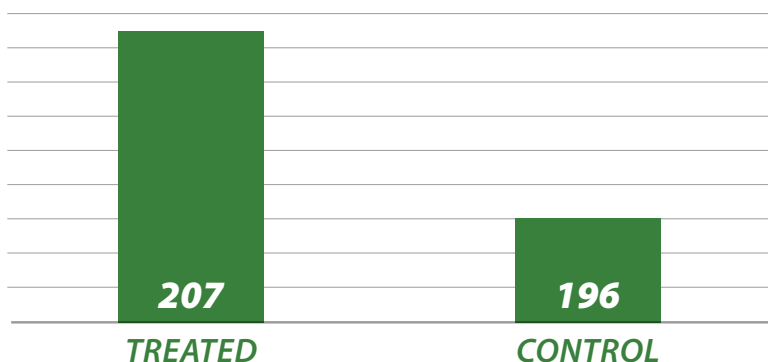
TREATED BU/ACRE

-vs-

196

CONTROL BU/ACRE

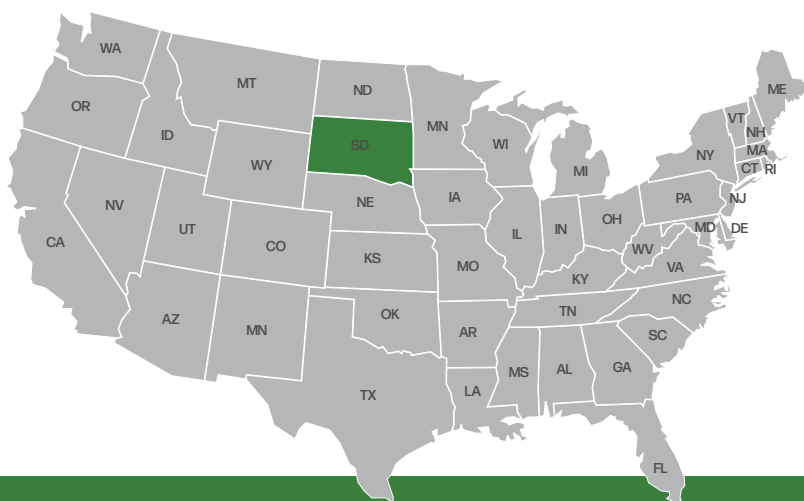
BU/ACRE



11.0

BU/ACRE

ADVANTAGE



2021 YIELDMASTER SOLUTIONS

BIOLOGICAL FIELD TRIAL RESULTS

LAKE PRESTON, SD
LOCATION

CORN
CROP TYPE

2
HYBRIDS
TESTED

IN FURROW
APPLICATION METHOD

APR. 30, 2021
PLANTED

SEPT. 28, 2021
HARVESTED

en^oita

-vs-

CONTROL

20.4%

TREATED MOISTURE

-vs-

17.7%

CONTROL MOISTURE

210.0

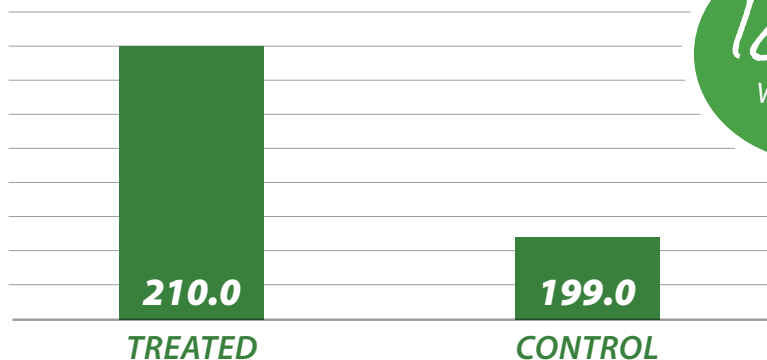
TREATED BU/ACRE

-vs-

199.0

CONTROL BU/ACRE

BU/ACRE

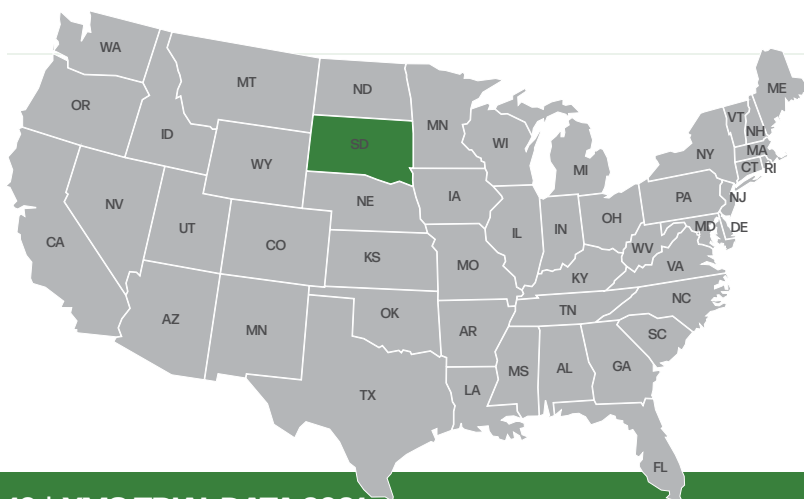


100%
WIN RATE

11.0

BU/ACRE

**AVERAGE
ADVANTAGE**



2021 YIELDMASTER SOLUTIONS

BIOLOGICAL FIELD TRIAL RESULTS

BALDWIN, WI
LOCATION

CORN
CROP TYPE

2
HYBRIDS
TESTED

FOLIAR
APPLICATION METHOD

MAY 14, 2021
PLANTED

OCT. 26, 2021
HARVESTED

en^oita

-vs-

CONTROL

20.4%

TREATED MOISTURE

-vs-

17.7%

CONTROL MOISTURE

199.1

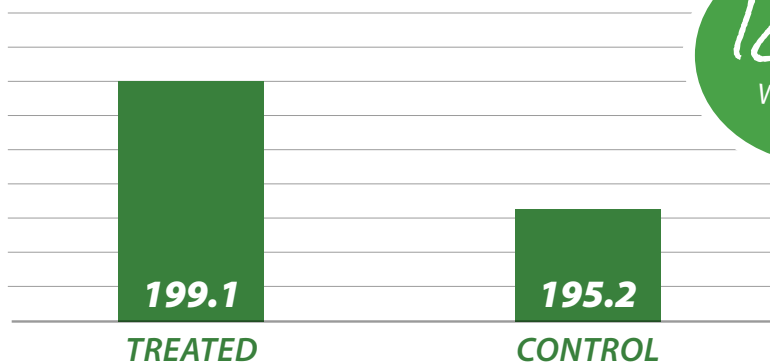
TREATED BU/ACRE

-vs-

195.2

CONTROL BU/ACRE

BU/ACRE

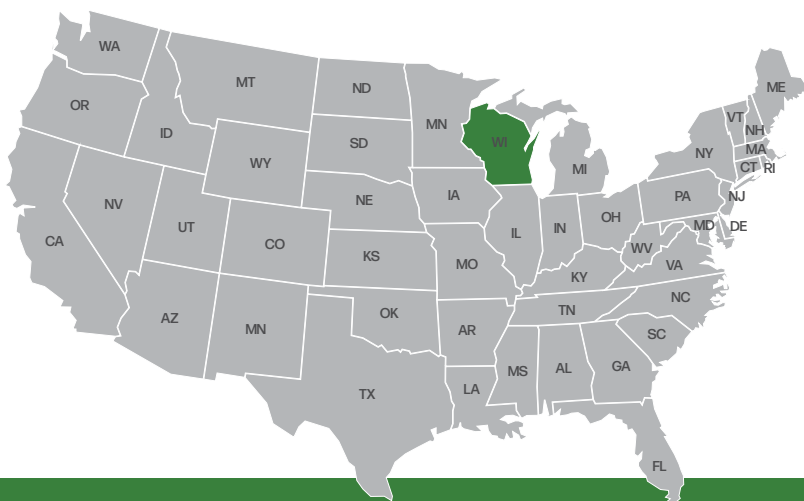


100%
WIN RATE

3.8

BU/ACRE

**AVERAGE
ADVANTAGE**



2021 YIELDMASTER SOLUTIONS

BIOLOGICAL FIELD TRIAL RESULTS



ELLSWORTH, WI
LOCATION

CORN
CROP TYPE

47J9185VIP3110
SEED HYBRID/VARIETY

FOLIAR
APPLICATION METHOD

MAY 17, 2021
PLANTED

OCT. 13, 2021
HARVESTED

en^oita

-VS-

CONTROL

19.5%

TREATED MOISTURE

-VS-

19.3%

CONTROL MOISTURE

162.1

TREATED BU/ACRE

-VS-

157.5

CONTROL BU/ACRE

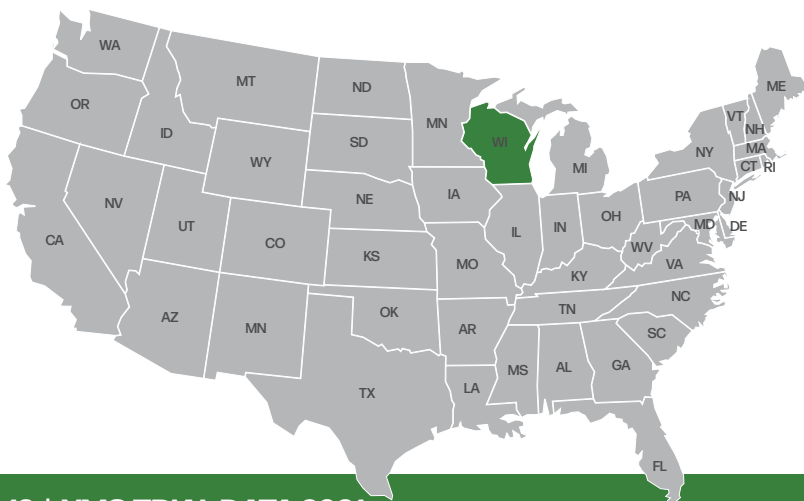
BU/ACRE



4.6

BU/ACRE

ADVANTAGE



2021 YIELDMASTER SOLUTIONS

BIOLOGICAL FIELD TRIAL RESULTS

ELLSWORTH, WI
LOCATION

CORN
CROP TYPE

9
HYBRIDS
TESTED

FOLIAR
APPLICATION METHOD

MAY 17, 2021
PLANTED

OCT. 13, 2021
HARVESTED

envita

-vs-

CONTROL

19.2%

TREATED MOISTURE

-vs-

19.3%

CONTROL MOISTURE

191.4

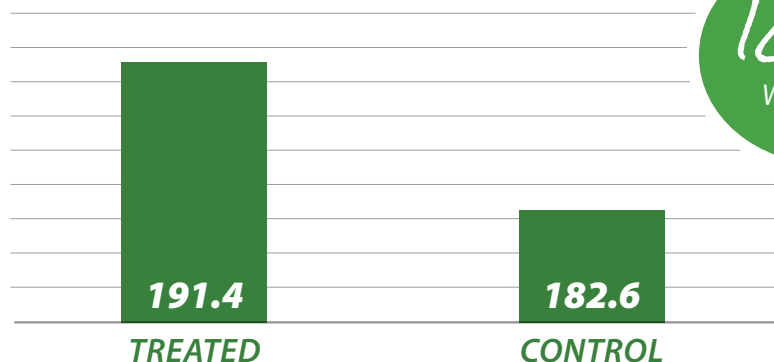
TREATED BU/ACRE

-vs-

182.6

CONTROL BU/ACRE

BU/ACRE

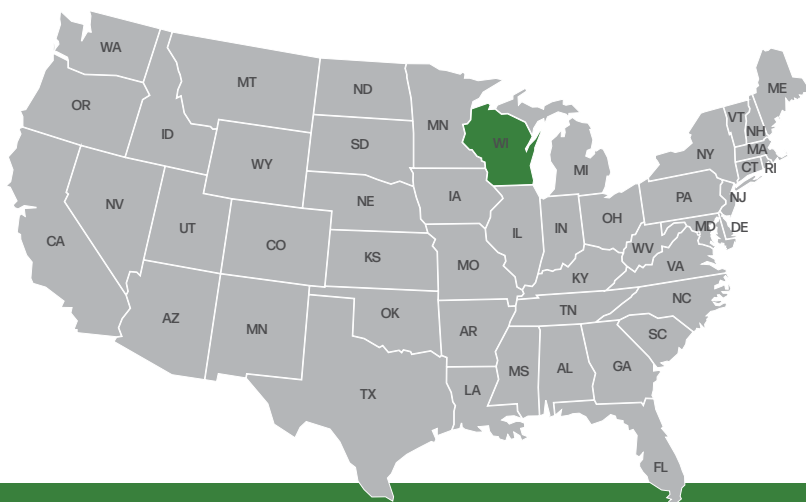


100%
WIN RATE

8.8

BU/ACRE

**AVERAGE
ADVANTAGE**



SOYBEANS



DATA RESULTS • ENVITA

SOYBEAN 2021 DATA



SOYBEAN

4

DATA POINTS

100%

POSITIVE RESPONSE

2

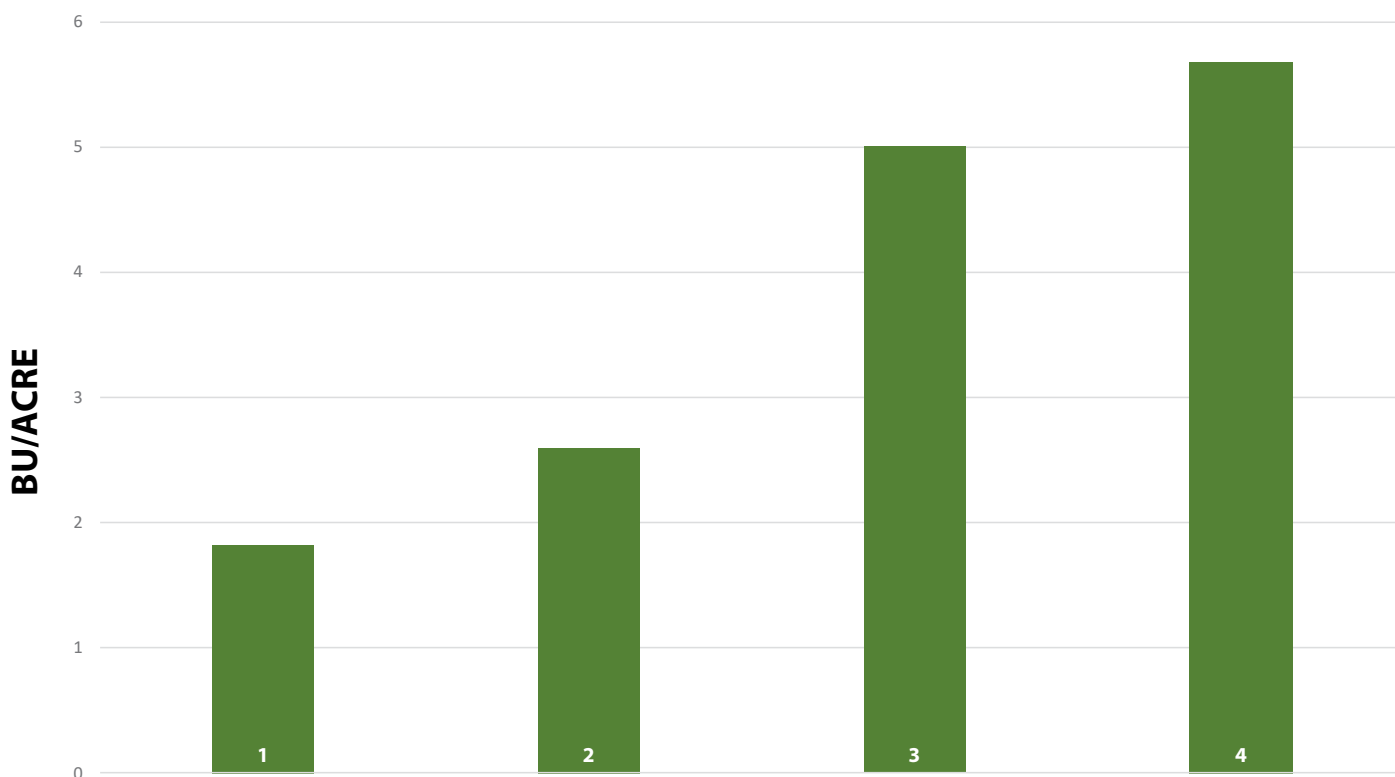
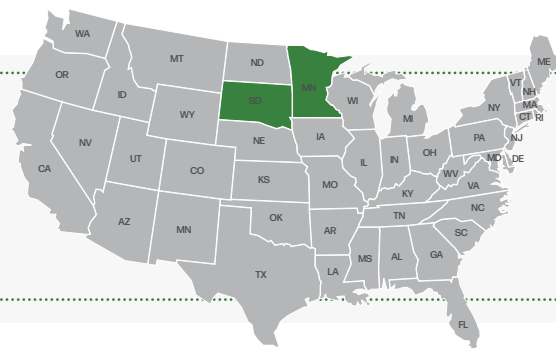
STATES

3.8 BU/ACRE

AVERAGE INCREASE

2

LOCATIONS



3.8

BU/ACRE

**AVERAGE INCREASE
WHEN POSITIVE**

COMMENTS

All four trials showed consistent yield responses in 2021. Soybeans are late users of nitrogen with most of their nitrogen being used at the reproductive time. It is for this reason Envita can be a great option to help enhance the yield of soybeans.

DATA RESULTS • ENVITA

SOYBEAN MULTI-YEAR DATA

envita

SOYBEAN

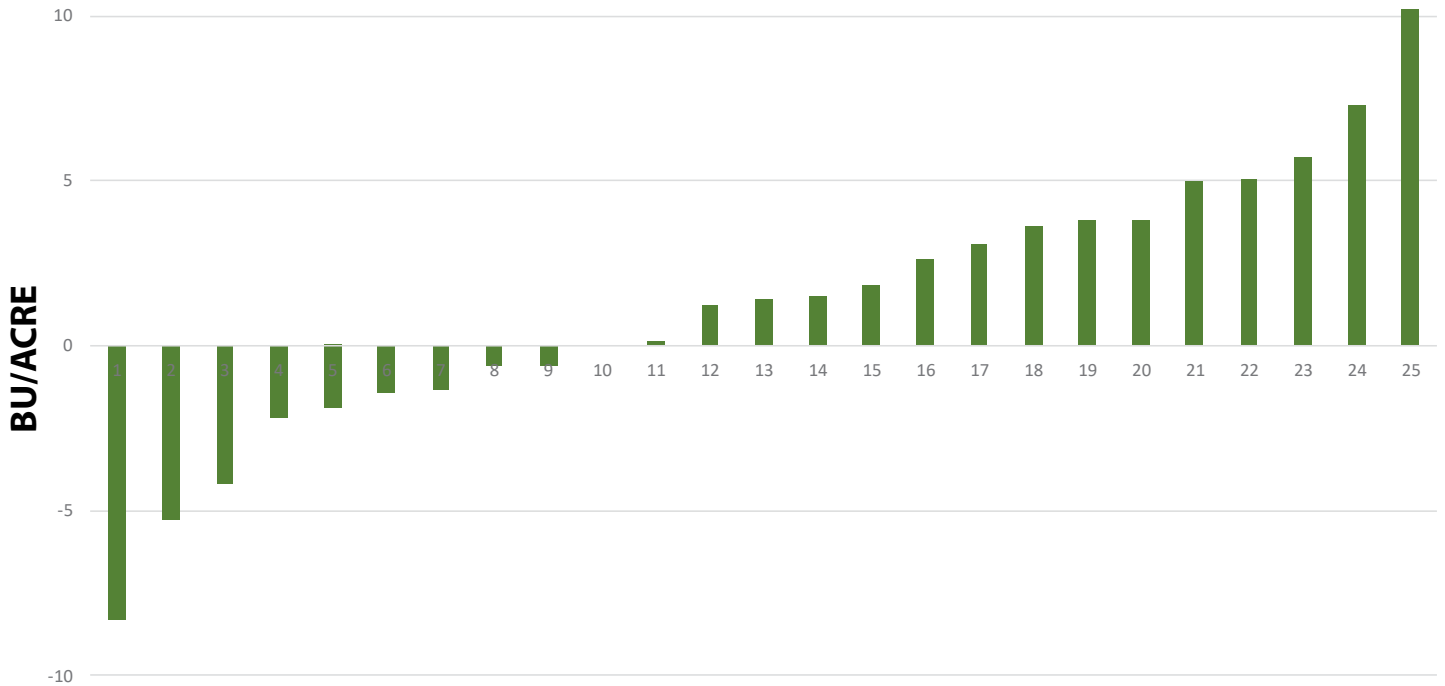
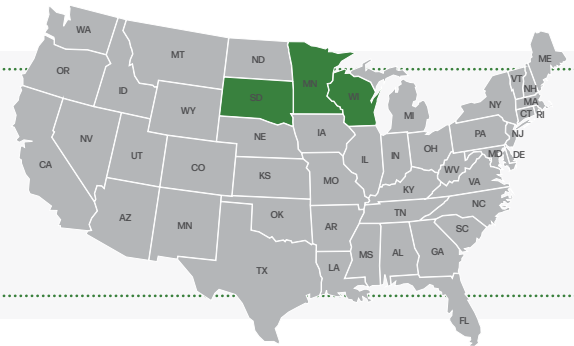
25
DATA POINTS

60%
POSITIVE RESPONSE

3
STATES

1.2 BU/ACRE
AVERAGE INCREASE

11
LOCATIONS



3.7
BU/ACRE

**AVERAGE INCREASE
WHEN POSITIVE**

COMMENTS

While results have varied over the past two years with the use of Envita on soybeans, the one thing that has stayed consistent is the top end potential. Through both our 2021 testing and our 2-year testing Envita has shown an advantage of over 3.5 bu/acre when conditions are favorable. Most soybean yield enhancing products are reliant upon moisture during pod fill and Envita is no exception. Ultimately, if a field is treated with Envita and has adequate rain fall during the pod fill stage a significant yield enhancement can be achieved.

2021 YIELDMASTER SOLUTIONS

BIOLOGICAL FIELD TRIAL RESULTS

OSAKIS, MN
LOCATION

SOYBEANS
CROP TYPE

2
VARIETIES
TESTED

IN FURROW
APPLICATION METHOD

MAY 5, 2021
PLANTED

OCT. 6, 2021
HARVESTED

en^oita

-vs-

CONTROL

14.2%

TREATED MOISTURE

-vs-

14.0%

CONTROL MOISTURE

65.4

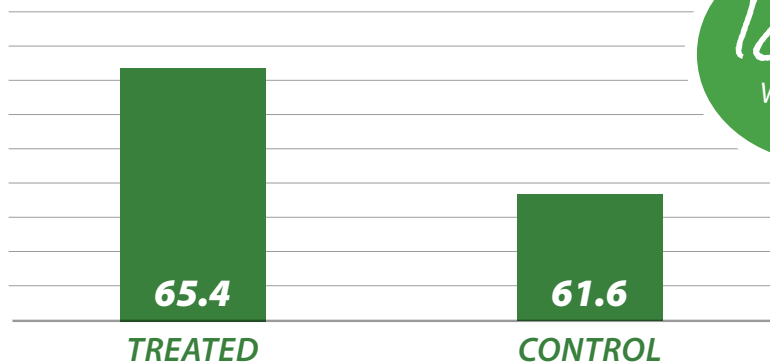
TREATED BU/ACRE

-vs-

61.6

CONTROL BU/ACRE

BU/ACRE

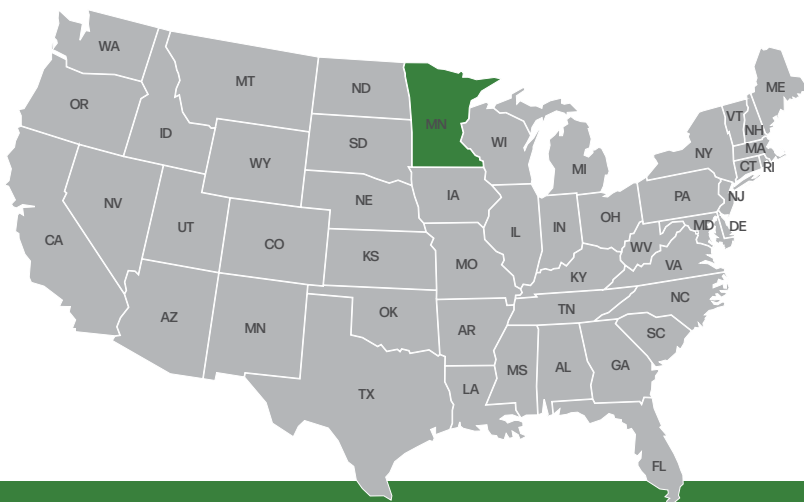


100%
WIN RATE

3.8

BU/ACRE

**AVERAGE
ADVANTAGE**



2021 YIELDMASTER SOLUTIONS

BIOLOGICAL FIELD TRIAL RESULTS

OSAKIS, MN
LOCATION

SOYBEANS
CROP TYPE

10E125N
SEED HYBRID/VARIETY

FOLIAR
APPLICATION METHOD

MAY 9, 2021
PLANTED

SEPT. 26, 2021
HARVESTED

en^oita

-VS-

CONTROL

10.0%

TREATED MOISTURE

-VS-

10.0%

CONTROL MOISTURE

51.0

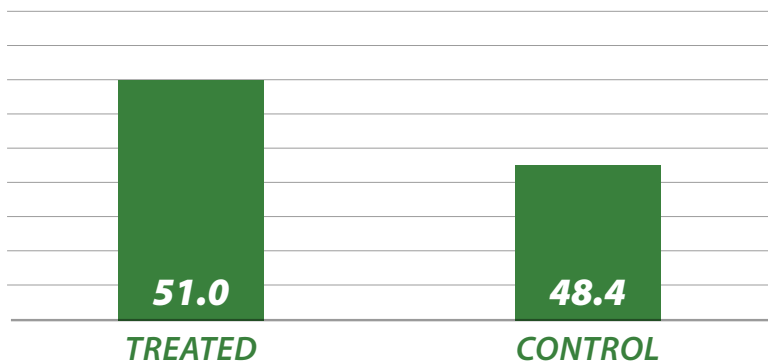
TREATED BU/ACRE

-VS-

48.4

CONTROL BU/ACRE

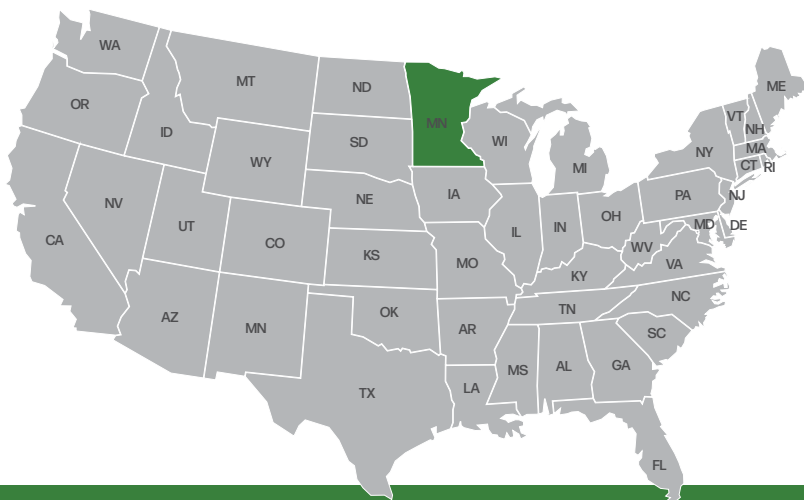
BU/ACRE



2.6

BU/ACRE

ADVANTAGE



2021 YIELDMASTER SOLUTIONS

BIOLOGICAL FIELD TRIAL RESULTS

DELMONT, SD
LOCATION

SOYBEANS
CROP TYPE

AG27X0
SEED HYBRID/VARIETY

IN FURROW
APPLICATION METHOD

MAY 11, 2021
PLANTED

OCT. 1, 2021
HARVESTED

envita

-vs-

CONTROL

11.5%

TREATED MOISTURE

-vs-

11.5%

CONTROL MOISTURE

61.0

TREATED BU/ACRE

-vs-

56.0

CONTROL BU/ACRE

BU/ACRE



5.0

BU/ACRE

ADVANTAGE

