



TALC USA

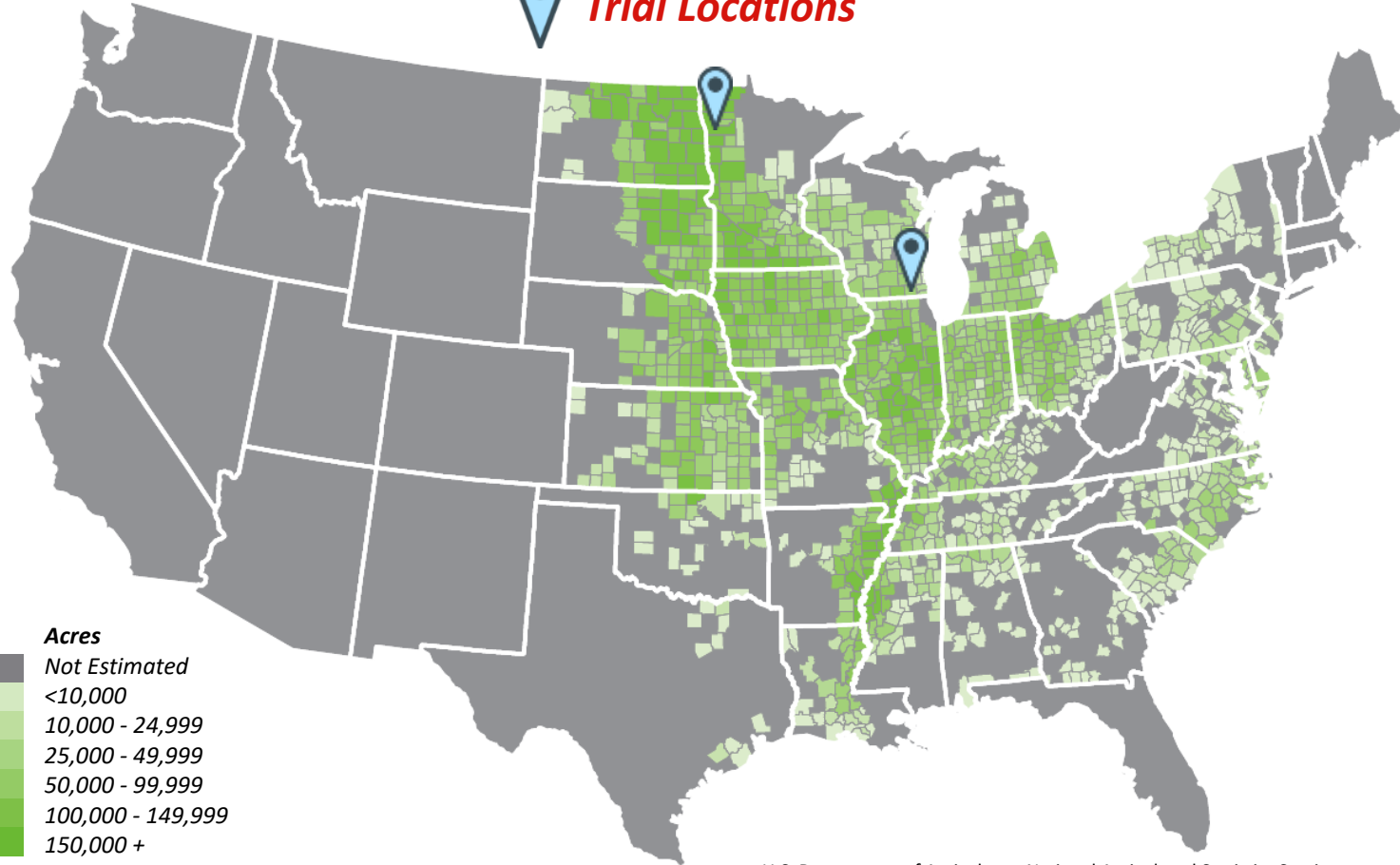
A **BRANDT**® COMPANY

Talc USA Trial Results

Inceptive + MicroSURGE for Soybeans

2023 Soybean Trial Locations and Yield Results

 **Trial Locations**

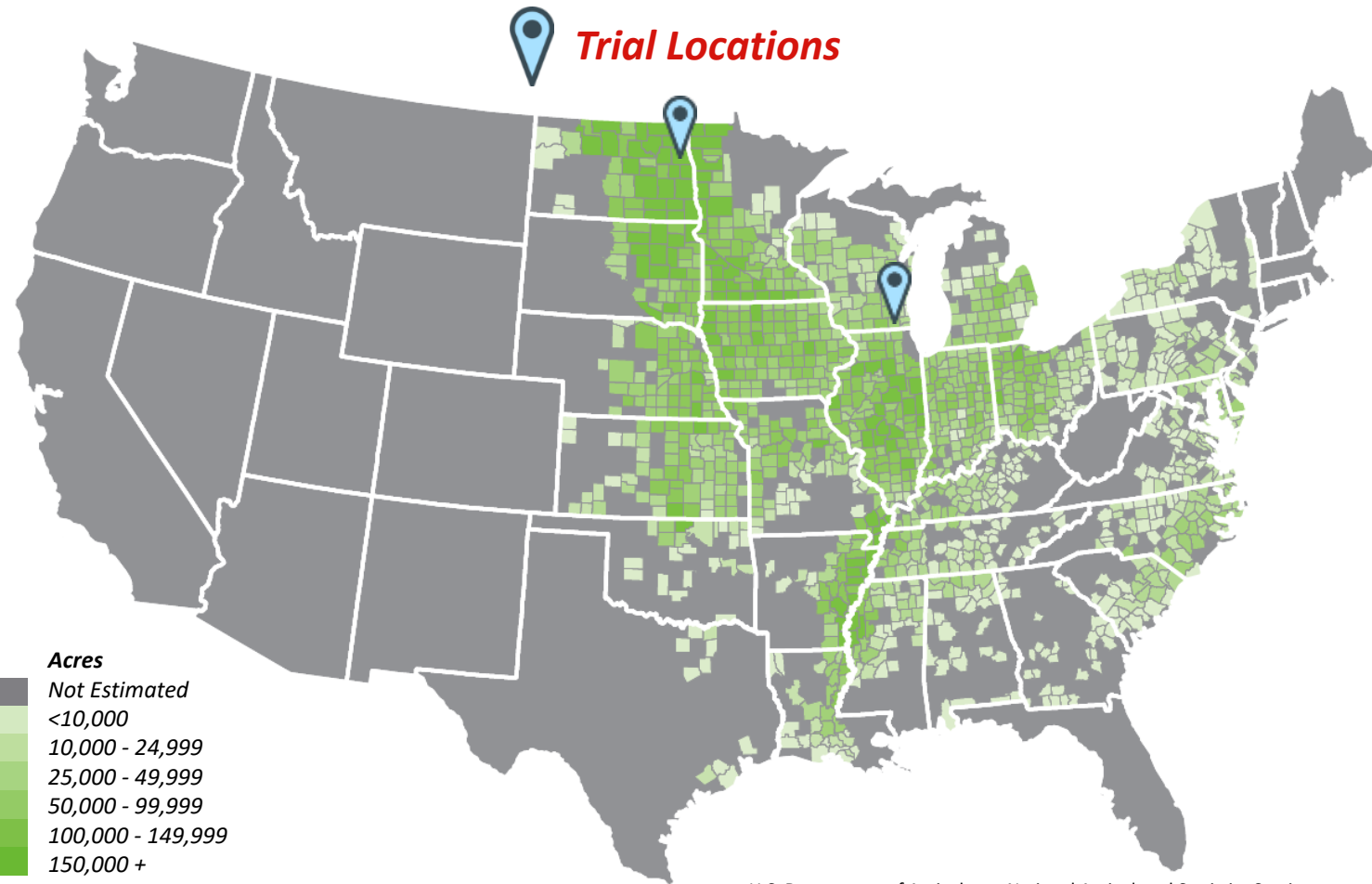


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Location	Yield Increase
MN	-2.1 bu/ac
WI	1.75 bu/ac
Averaged Results	
Yield Increase	-0.2 bu/ac

Inceptive + MicroSURGE for Soybeans + Molybdenum

2023 Soybean Trial Locations and Yield Results



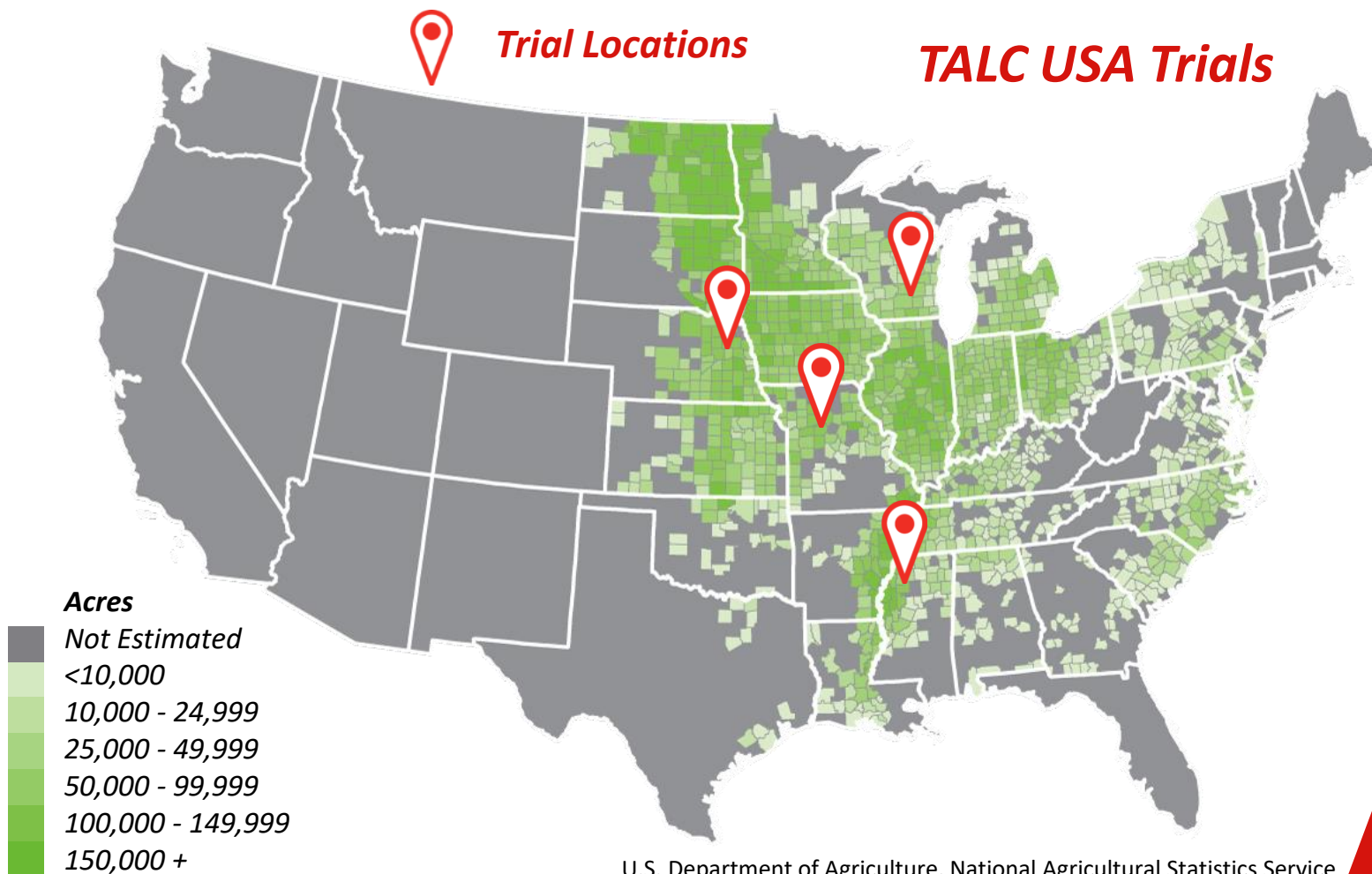
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Location	Yield Increase
ND	-0.60 bu/ac
WI	3.96 bu/ac
Averaged Results	
Yield Increase	1.68 bu/ac

Talc USA Soybeans Trial Locations and Yield Results

MicroSURGE + Inceptive - 2016-2021

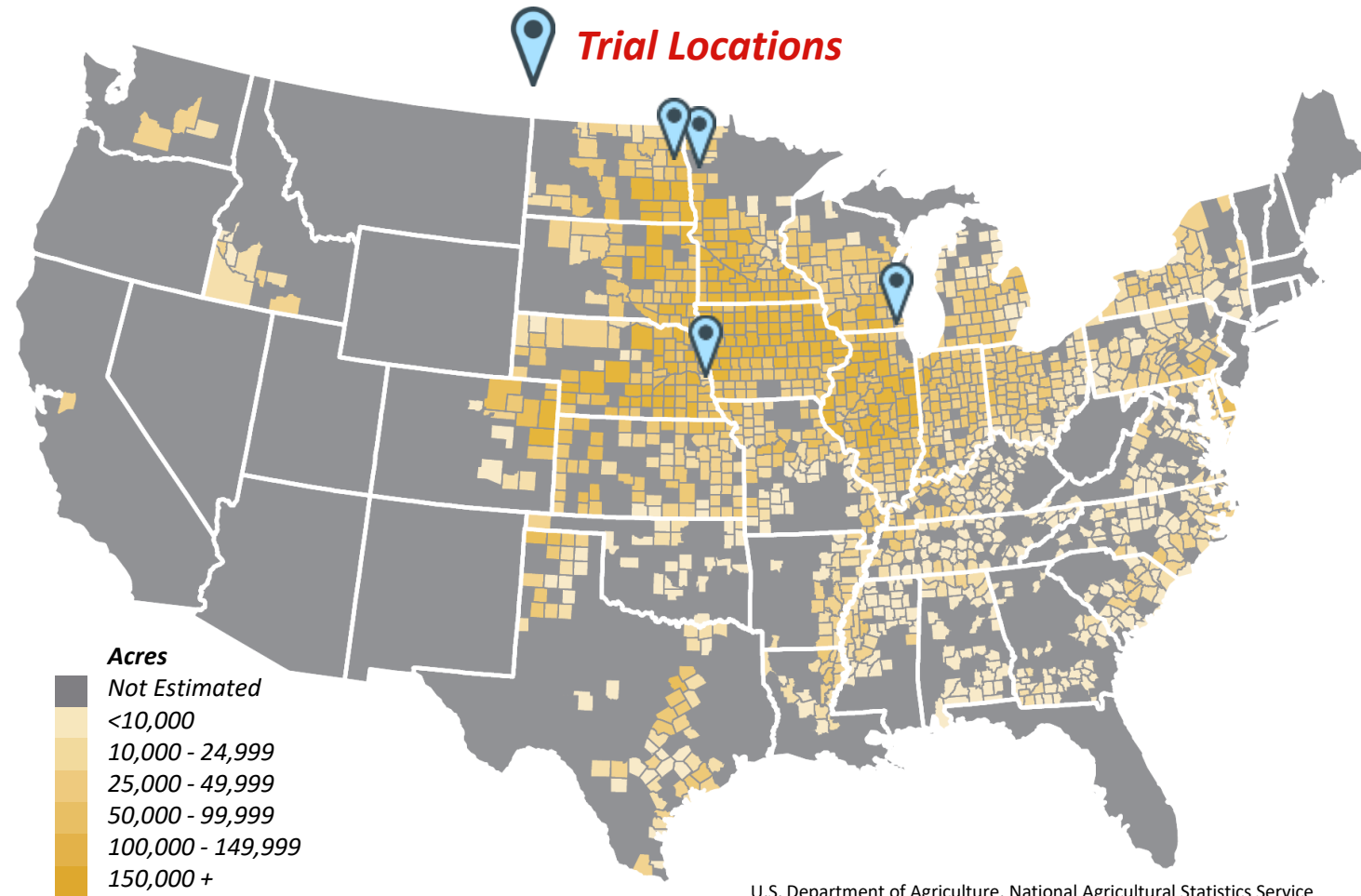
Location	Yield Increase
Mississippi	3.3 bu/ac
Missouri	3.5 bu/ac
Nebraska	3.6 bu/ac
Wisconsin	3.1 bu/ac
Averaged Results	
Yield Increase	3.4 bi/ac
Grower ROI @\$14/bu	\$40.44/ac



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Inceptive + MicroSURGE for Corn

2023 Corn Trial Locations and Yield Results

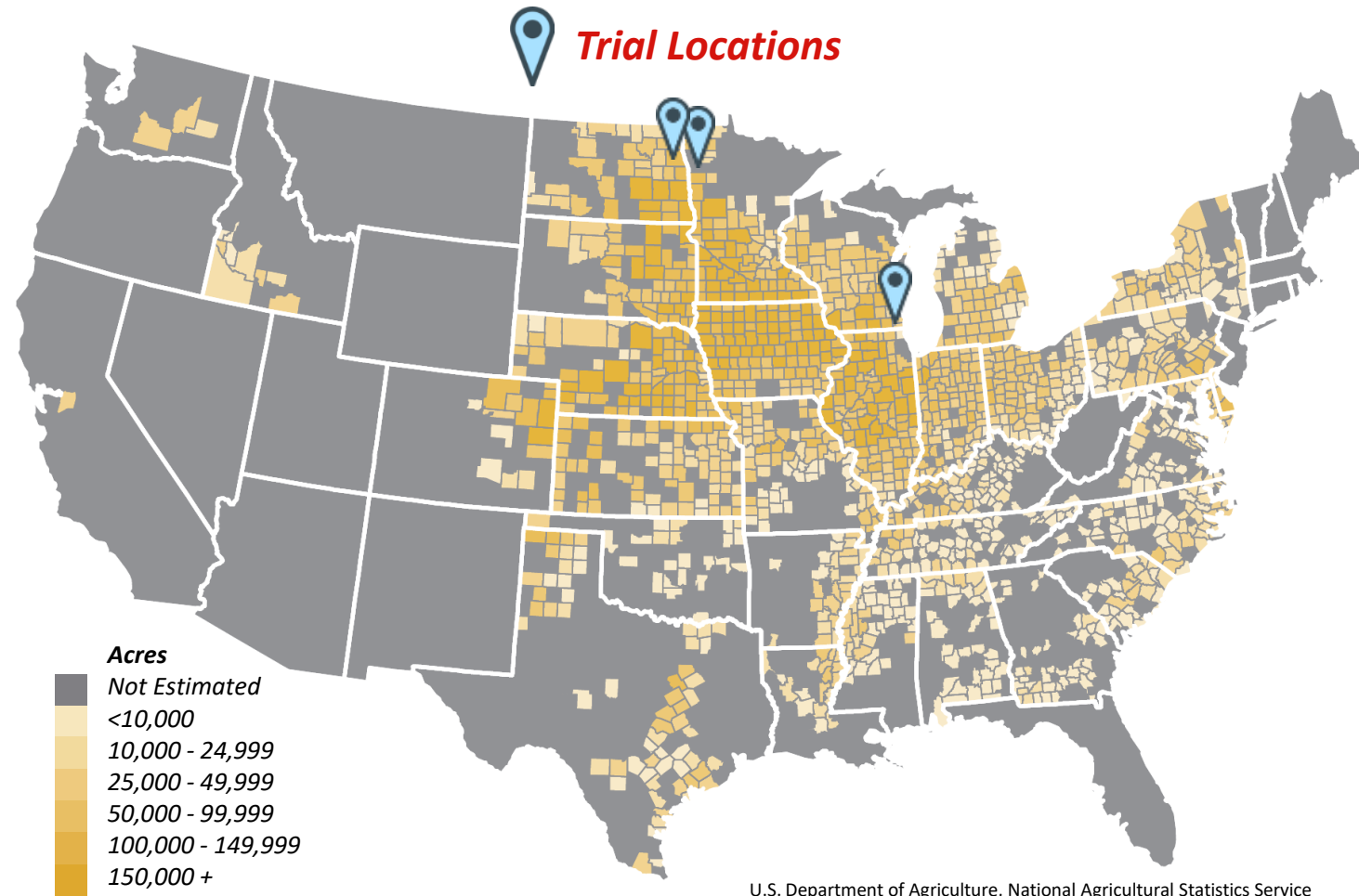


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Location	Yield Increase
Dry MicroSURGE + Inceptive	
MN	2.2 bu/ac
NE	11 bu/ac
ND	0.1 bu/ac
WI	8.81 bu/ac
WI	6.1 bu/ac
Averaged Results	
Yield Increase	5.9 bu/ac
Liquid MicroSURGE + Inceptive	
WI	11.6 bu/ac

Inceptive + Dry MicroSURGE for Corn + Molybdenum

2023 Corn Trial Locations and Yield Results

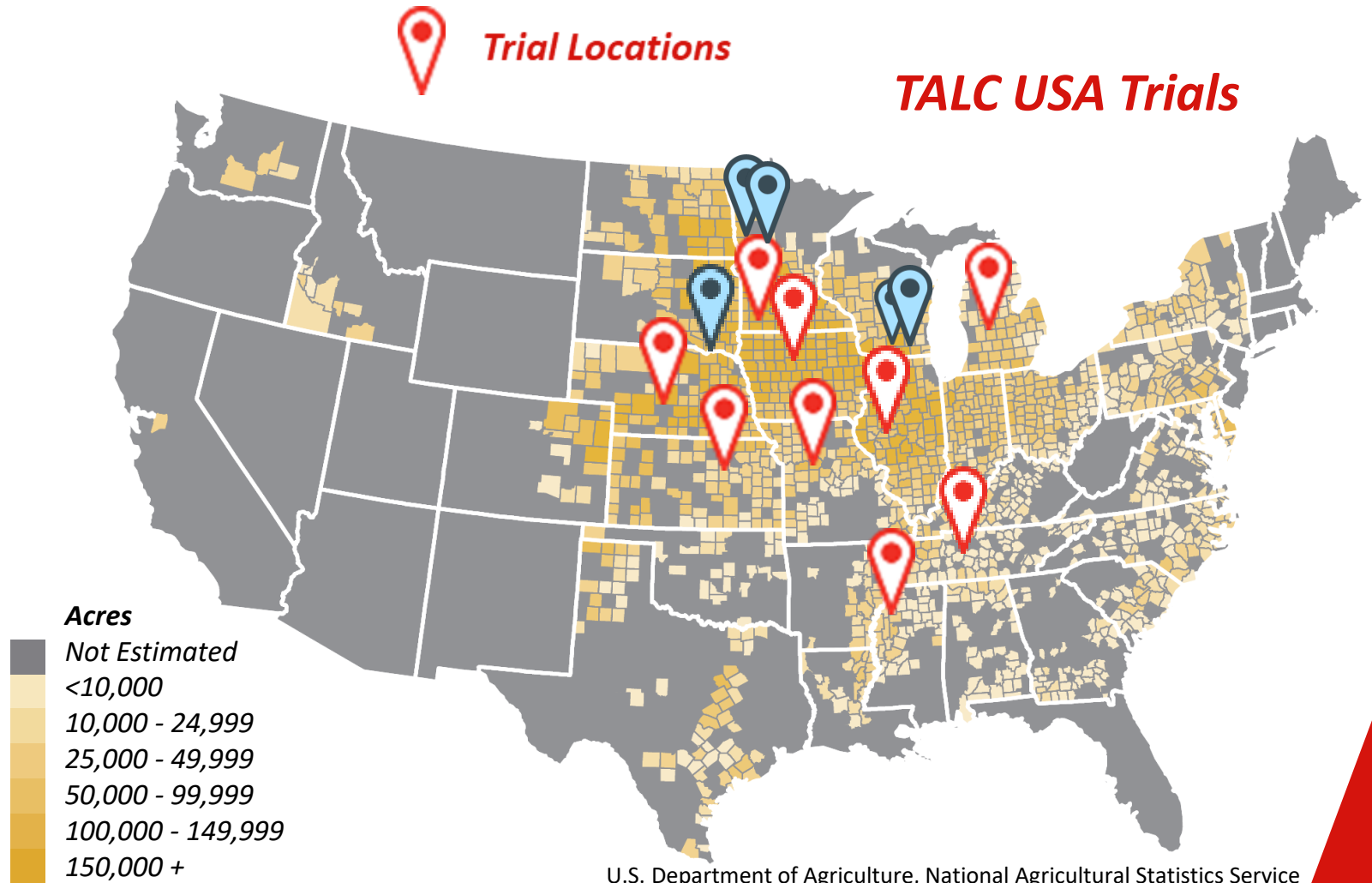



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Location BRANDT EnzUp SeedFlow Zn	Yield Increase
MN	4.2 bu/ac
ND	5.4 bu/ac
WI	9.01 bu/ac
Averaged Results	
Yield Increase	6.2 bu/ac

TALC USA Corn Trial Locations and Yield Results with MicroSURGE + Inceptive - 2013-2022

Location	Yield Increase
Agri-Tech Whitewater Wi 2022	4.81 bu/ac
KayJay AG Wilkin County Mn 2022	3.7# bu/ac
Agri-Tech Whitewater Wi 2022	12.8 bu/ac
Cedar County Ne 2022 Norman County Mn 2022	10.9bu/ac 8.0 bu/ac
Illinois	7.4 bu/ac
Iowa	5 bu/ac
Michigan	17.7 bu/ac
Minnesota	5.9 bu/ac
Mississippi	6 bu/ac
Missouri	6.1 bu/ac
Nebraska	6.8 bu/ac
Tennessee	5.5 bu/ac
Wisconsin	8.9 bu/ac
Averaged Results	
Yield Increase	7.8 bu/ac
Grower ROI @\$6/bu	\$42.74



 **2022 Trials**

Talc USA Corn Trial

MicroSURGE + Inceptive vs Pivot Bio

2022

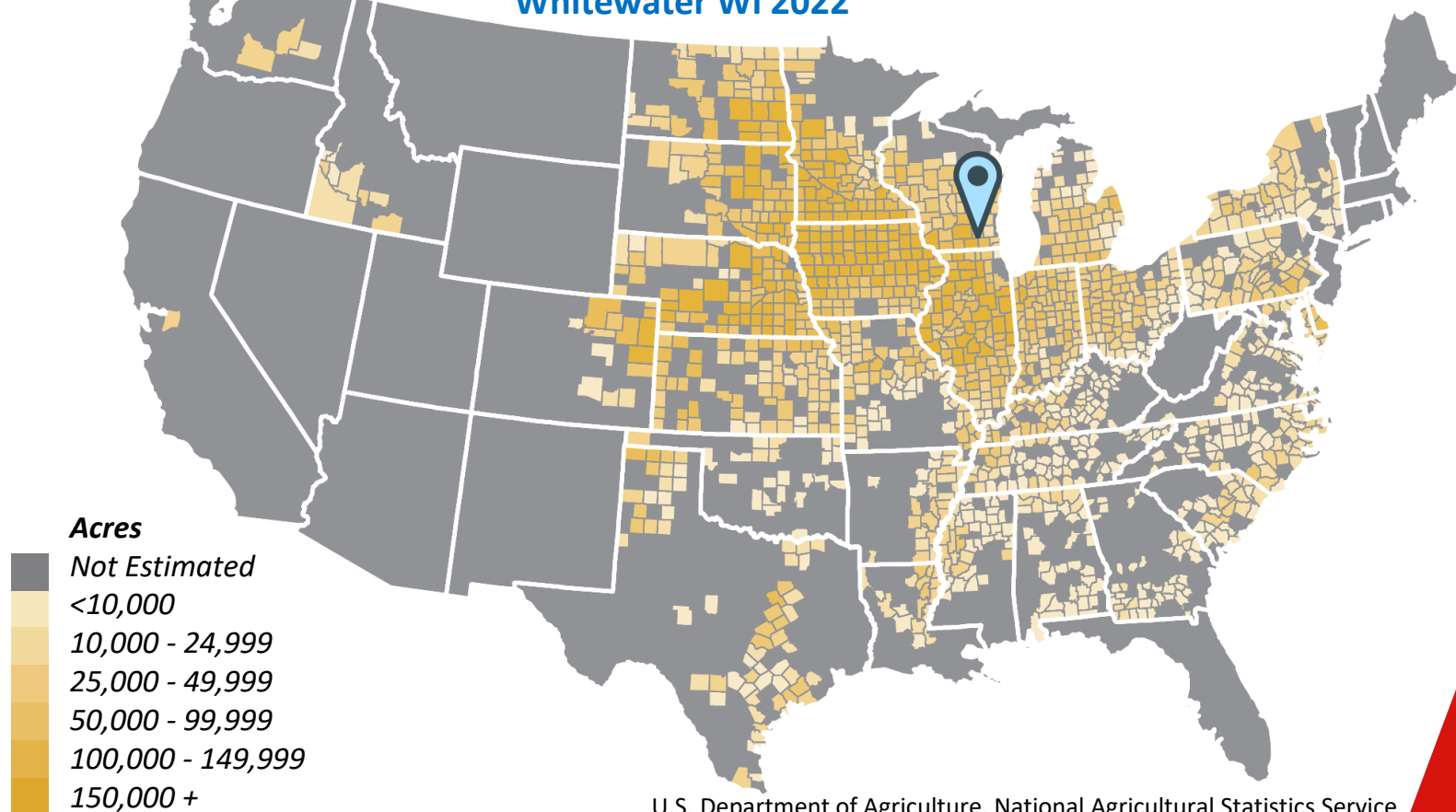
Treatment	Yield
Control 100% Fertilizer	252.1 bu/ac
Control 80% Fertilizer	229.2 bu/ac
Dry MicroSURGE Inceptive 80% Fertilizer	242 bu/ac
Dry Pivot Bio 80% Fertilizer	241 bu/ac
Results	
MicroSURGE + Inceptive 13 bu more than 80% Control and 1 bu more than Pivot Bio	
More yield and about \$20/Acre less cost than Pivot Bio	



Trial Location

Agri-Tech Consulting
Whitewater WI 2022

TALC USA Trials



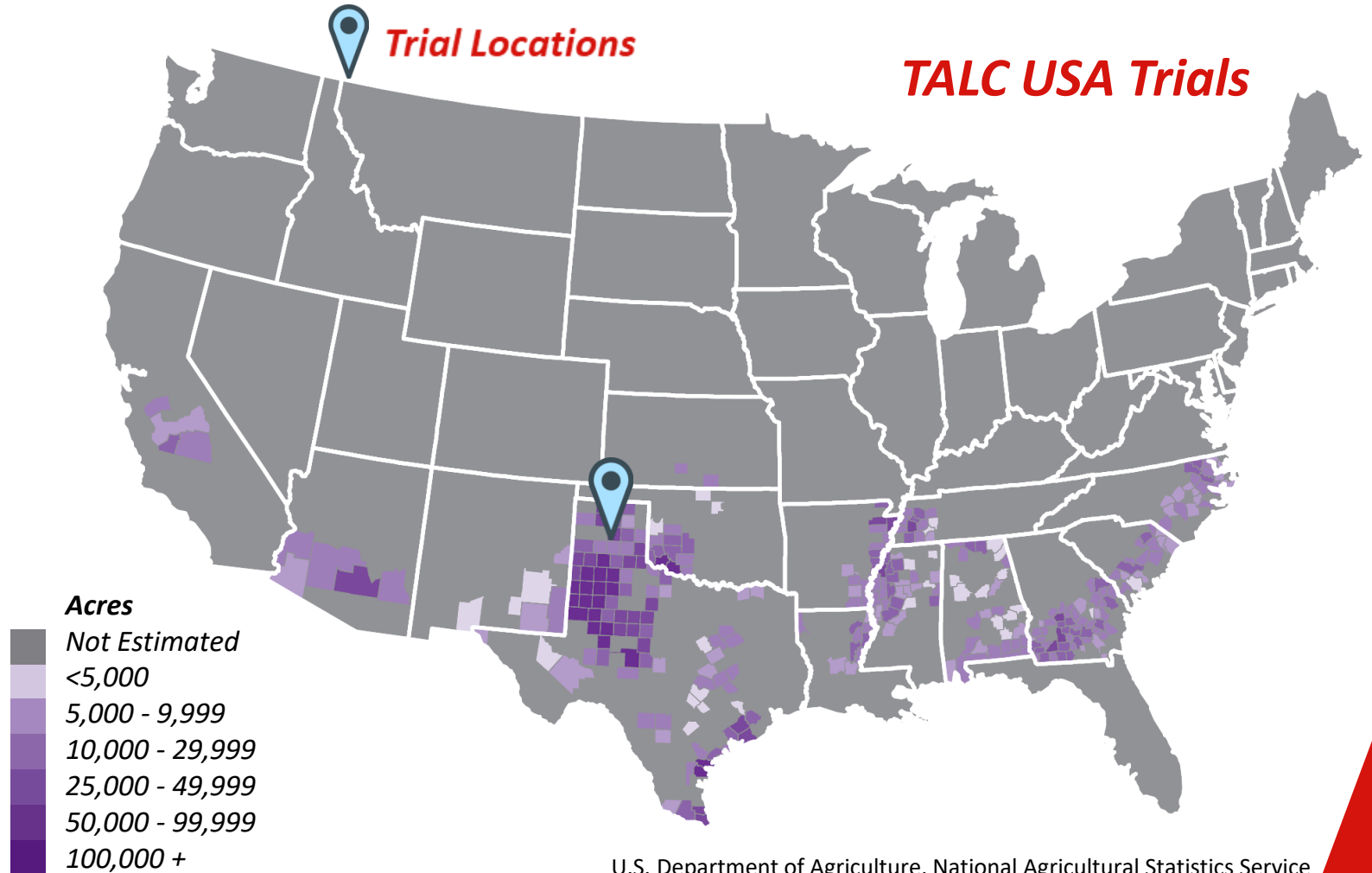
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2022 Trials

2022 Cotton Trial Locations and Yield Results using Inceptive to control Nematodes

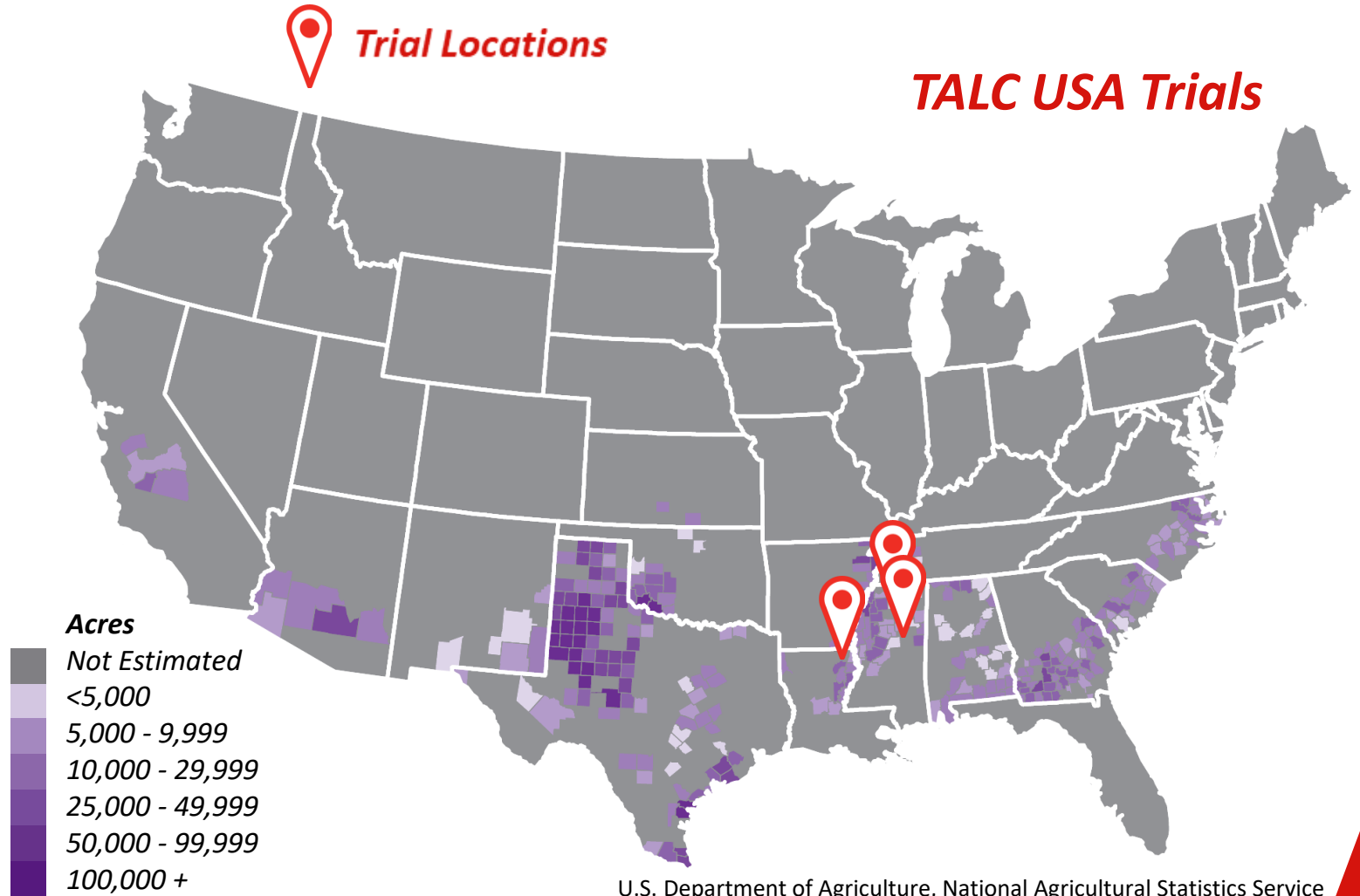
Location	Yield Increase
Cotton Center Texas Susceptible variety	304 # lint/ac
Cotton Center Texas Resistant variety	-55# lint/ac
*Susceptible variety with Inceptive out yielded the resistant variety	
Averaged Results	
Yield Increase	125# lint/ac
Grower ROI @ \$.80/#	\$97.36/ac



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Talc USA Cotton Trial Locations and Yield Results using MicroSURGE + Inceptive

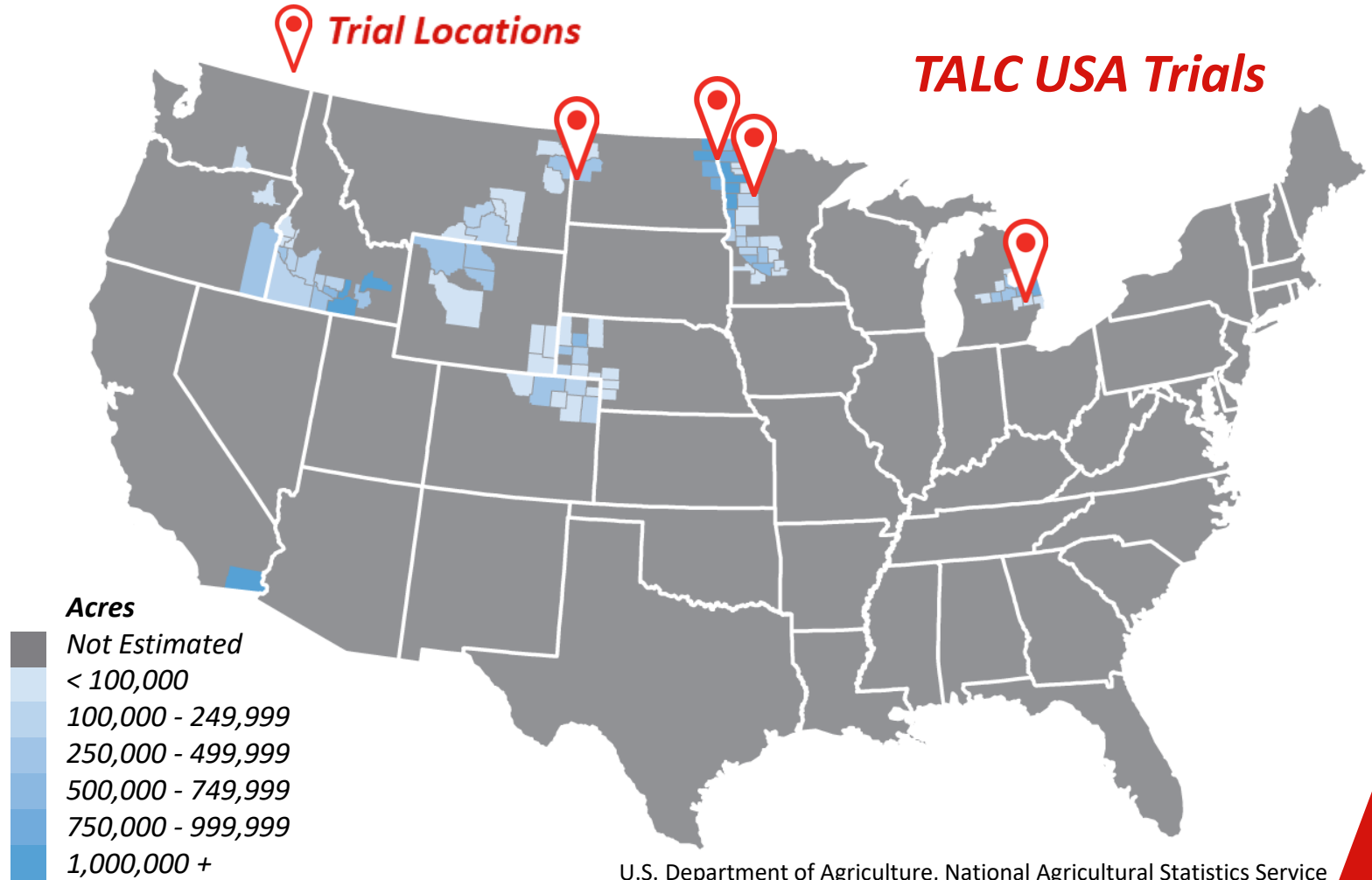
Location	Yield Increase
Richland Parish, Mississippi 2020	-5# lint/ac
Yazoo County, Mississippi 2020	144# lint/ac
Hinds County, Mississippi 2020	48# lint/ac
Averaged Results	
Yield Increase	62# lint/ac
Grower ROI @ \$.80/#	\$46.41/ac



Sugar Beet Trial Locations and Yield Results

Dry MicroSURGE Sugarbeet + Inceptive

Location	Yield Increase
Minnesota 2019-2022	\$77/ac
Richland Co Montana 2021	\$65/ac
North Dakota 2019-2022	\$72/ac
Michigan 2021	\$31/ac
Averaged Results	
\$/ac Increase	\$61/ac
Grower ROI	\$56/ac

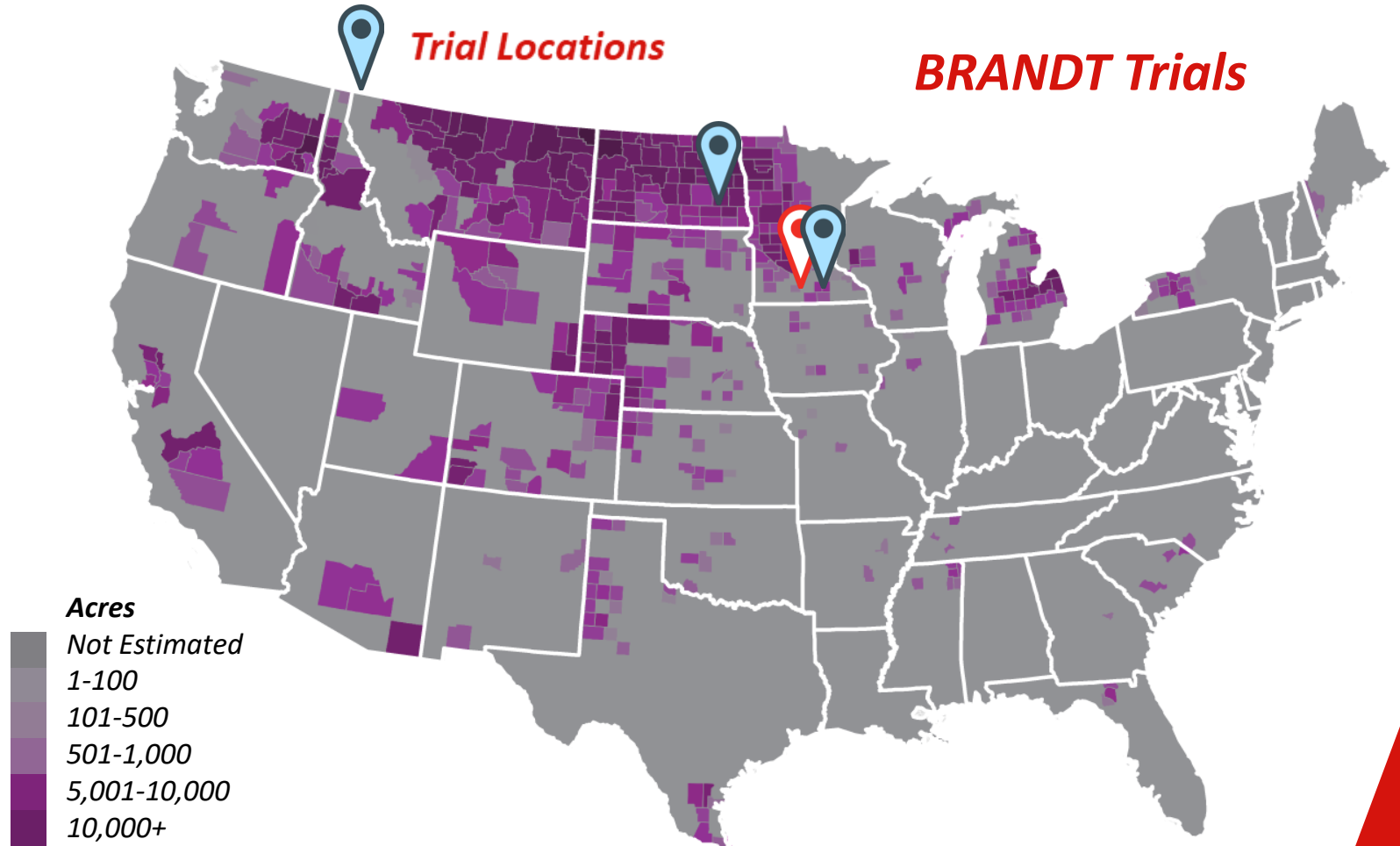


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Dry Field Bean Trial Locations and Yield Results

Dry Field Bean MicroSURGE + Inceptive

Location	Yield Increase
Agri-Tech Whitewater Wi 2021	341#/ac
Agri-Tech Whitewater Wi 2022	451#/ac
Ayr, North Dakota 2022	270#/ac
Averaged Results	
Yield Increase	354#/ac
Grower ROI @ \$.40/#	\$132.77/ac



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