



TALC USA

A **BRANDT** COMPANY

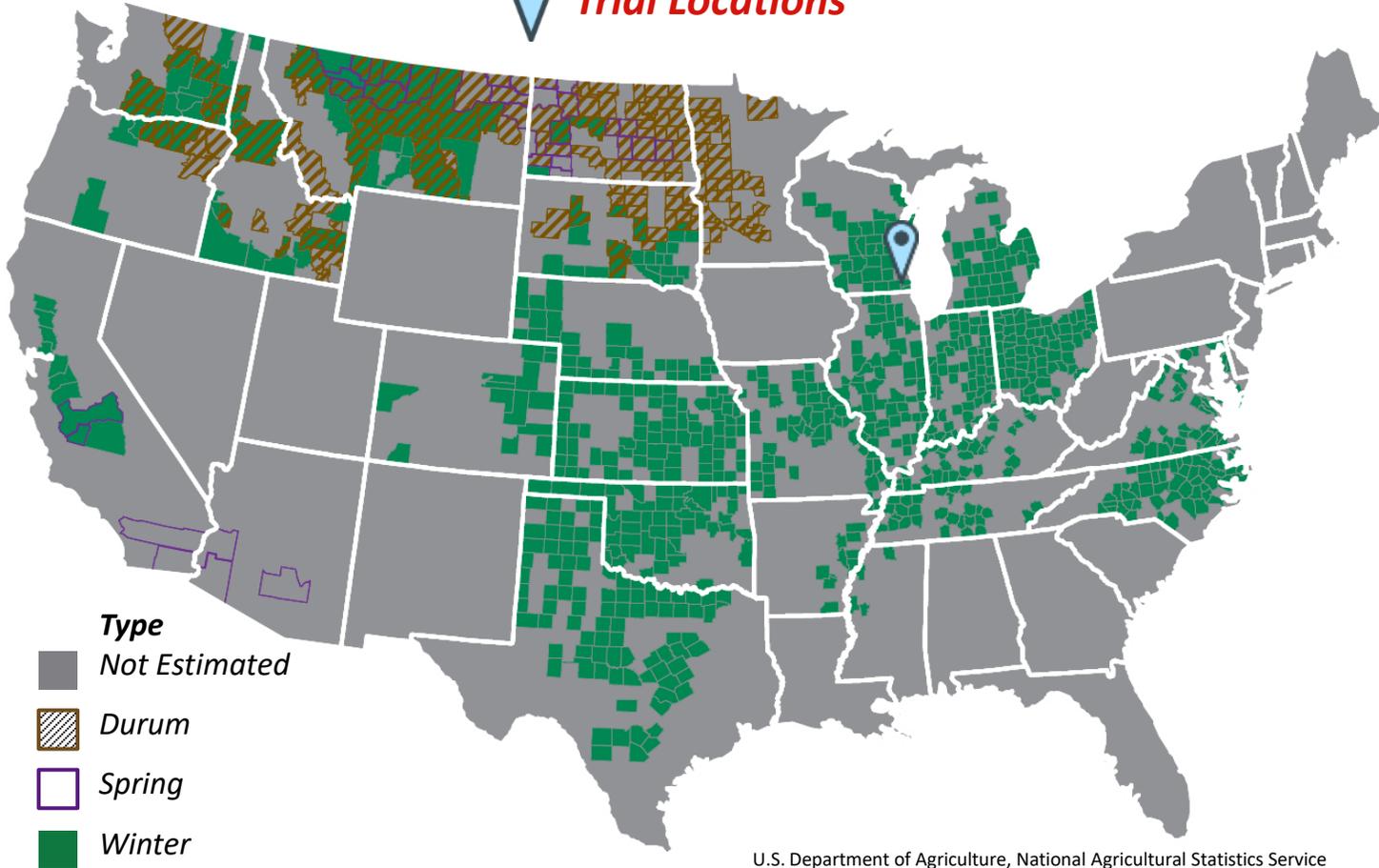
Talc USA Trial Results



Dry MicroSURGE for Small Grains

2023 Wheat Trial Locations and Yield Results

 **Trial Locations**



- Type**
-  Not Estimated
 -  Durum
 -  Spring
 -  Winter

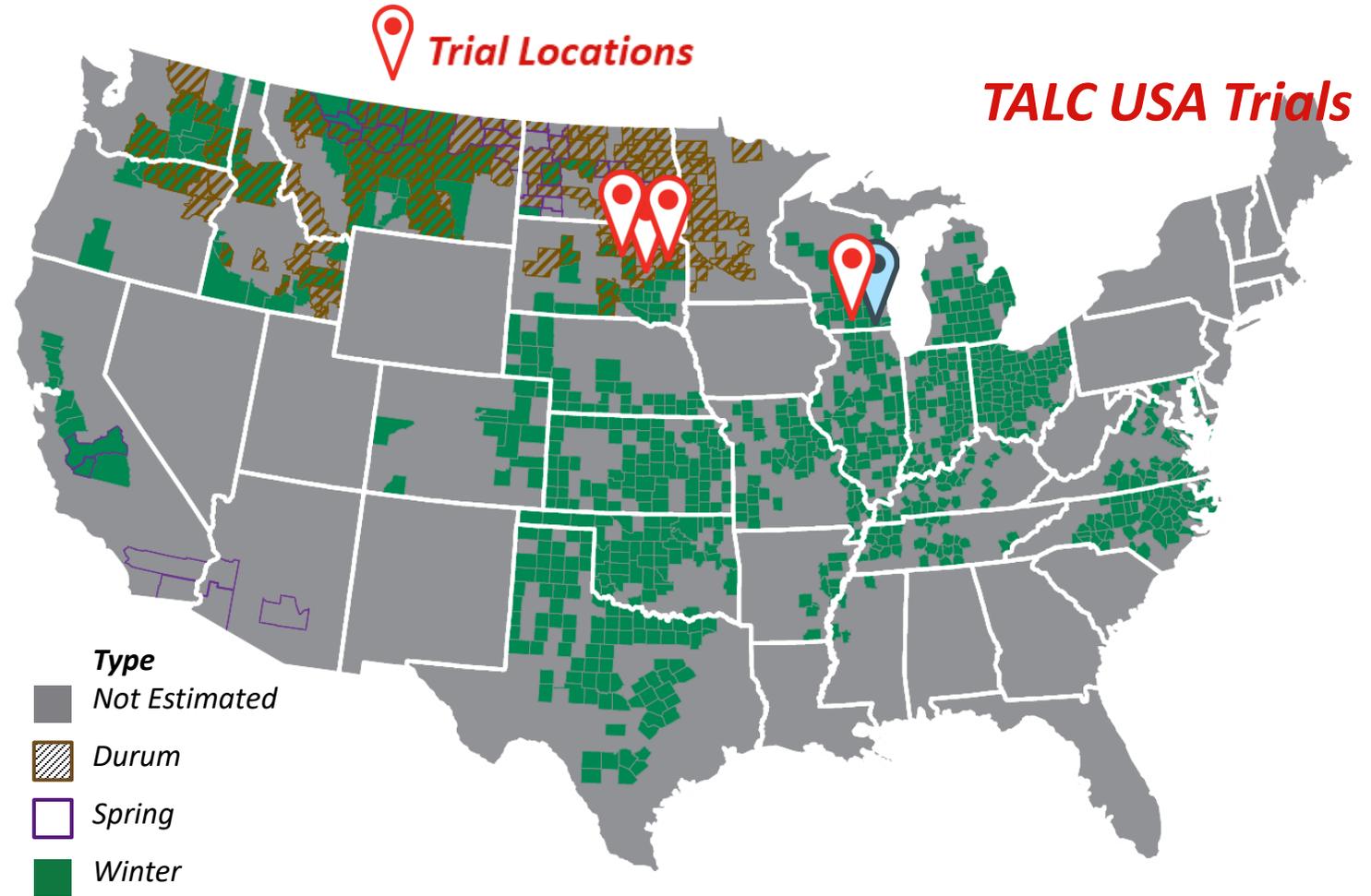
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Location	Yield Increase
Spring Wheat	
WI	2.11 bu/ac

Location	Yield Increase
Winter Wheat	
WI	4.2 bu/ac

Wheat Trial Locations and Yield Results Using Dry Small Grain MicroSURGE

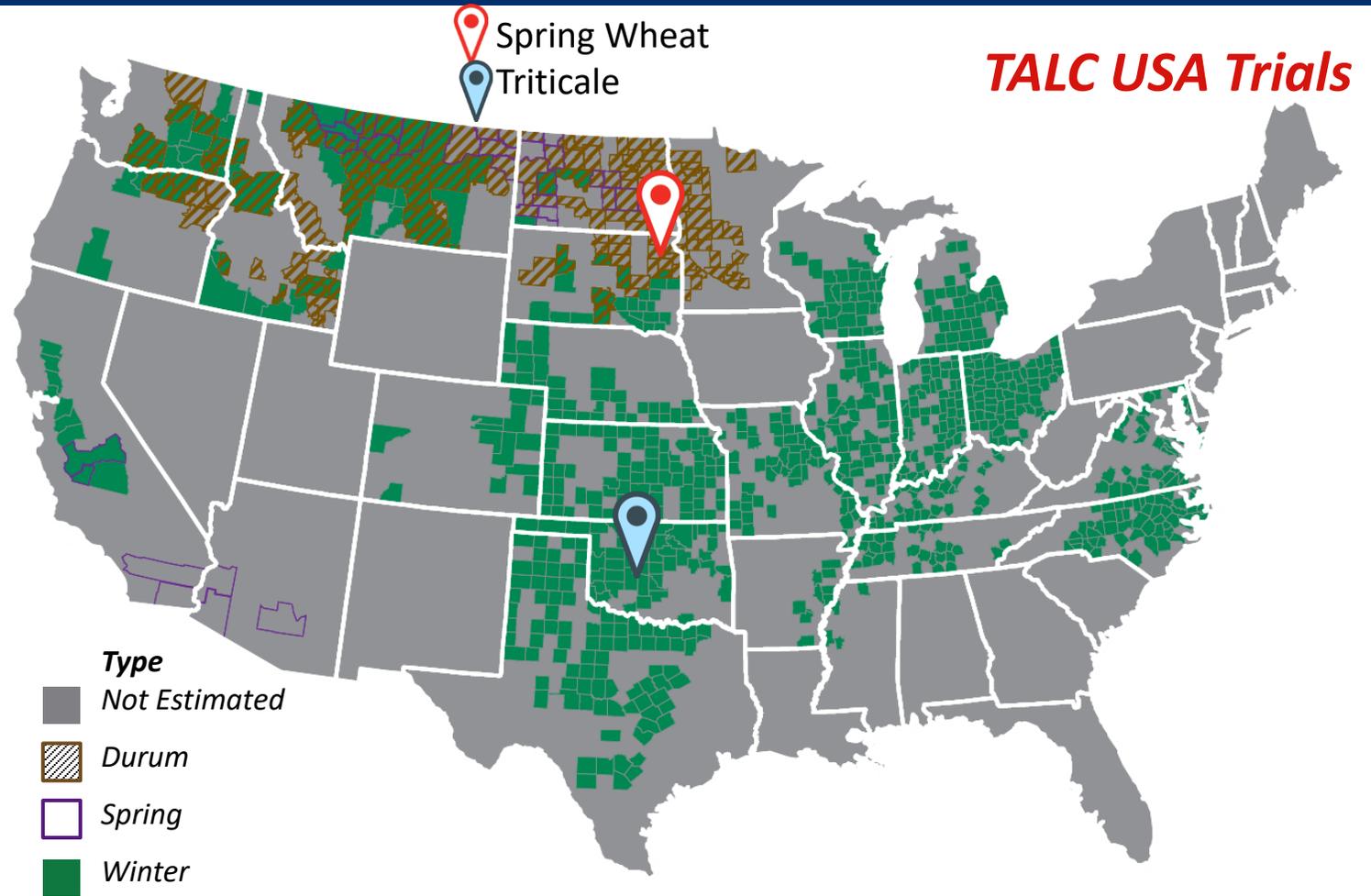
Location	Yield Increase
Agri-Tech #1 Whitewater Wi 2022	4.7 bu/ac
Agri-Tech #2 Whitewater Wi 2022	3.2bu/ac
Agri-Tech #1 Whitewater Wi 2021	2.8 bu/ac
Agri-Tech #2 Whitewater Wi 2021	2.9 bu/ac
Agri-Tech #3 Whitewater Wi 2021	4.0 bu/ac
Faulkton S Dakota 2018	2.2 bu/ac
Hoven S Dakota 2018	8.0 bu/ac
Bristol S Dakota #1 2018	5.0 bu/ac
Bristol S Dakota #2 2018	6.9 bu/ac
Faulkton S Dakota #2 2108	3.5 bu/ac
Faulkton S Dakota #3 2108	1.8 bu/ac
Averaged Results	
Yield Increase	4.1 bu/ac
Grower ROI @\$8.50/bu	\$30.90/ac



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Wheat Trial Locations and Protein Increase Using Dry Small Grain MicroSURGE

Location	Protein Increase
Faulkton S Dakota 2018	1%
Hoven S Dakota 2018	1.2%
Bristol S Dakota #1 2018	1%
Bristol S Dakota #2 2018	1.2%
Faulkton S Dakota #2 2108	1.2%
Faulkton S Dakota #3 2108	.7%
So Central Ok #1 2017	1.5%
So Central Ok #2 2017	3.2%
So Central Ok #3 2017	.4%
So Central Ok #4 2017	-.9%
So Central Ok #5 2017	1.0%
So Central Ok #6 2017	1.8%
Averaged Results	
Avg Protein Increase	1%



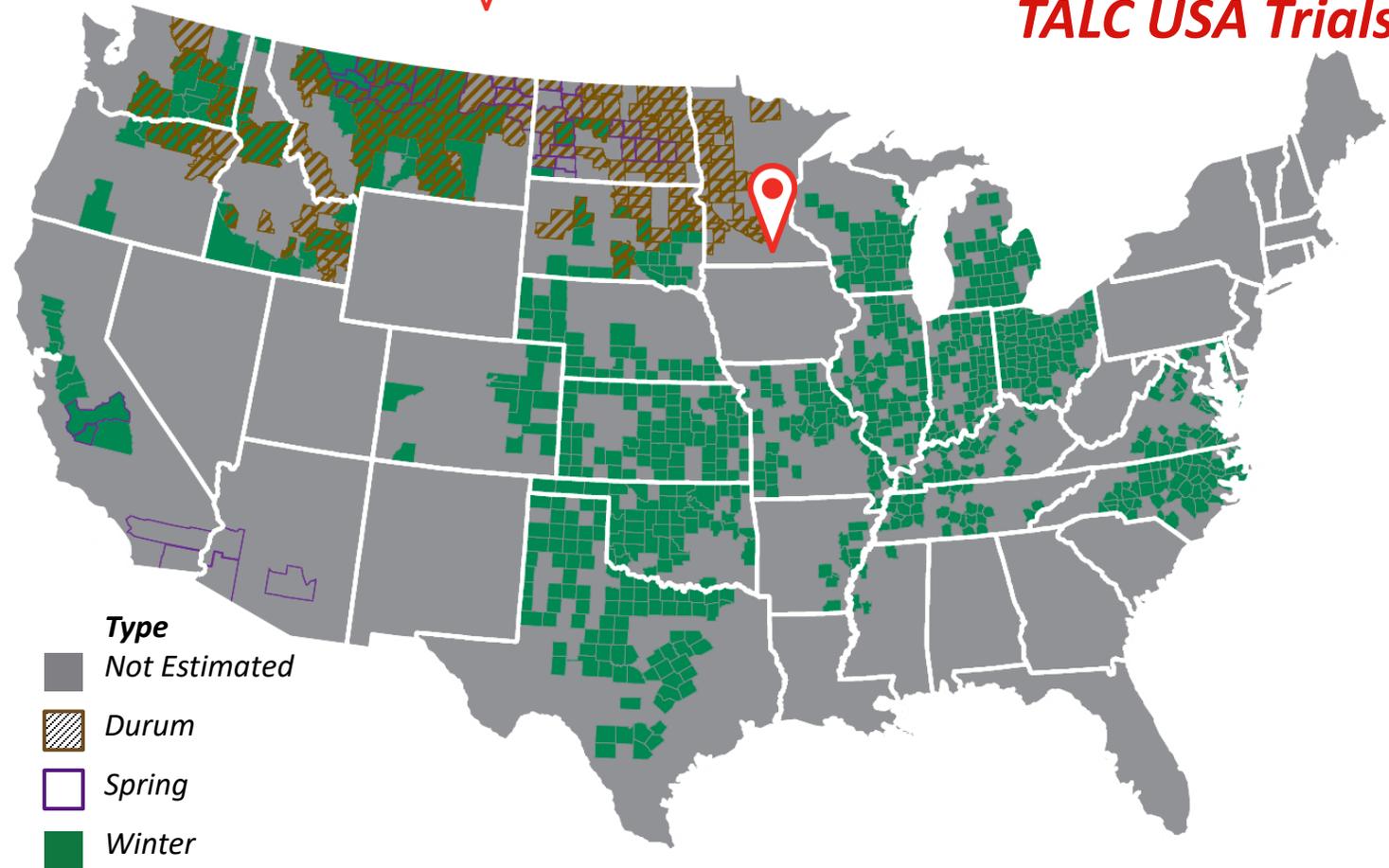
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Wheat Trial Locations and Falling Numbers Using Dry Small Grain MicroSURGE

 Winter Wheat

TALC USA Trials

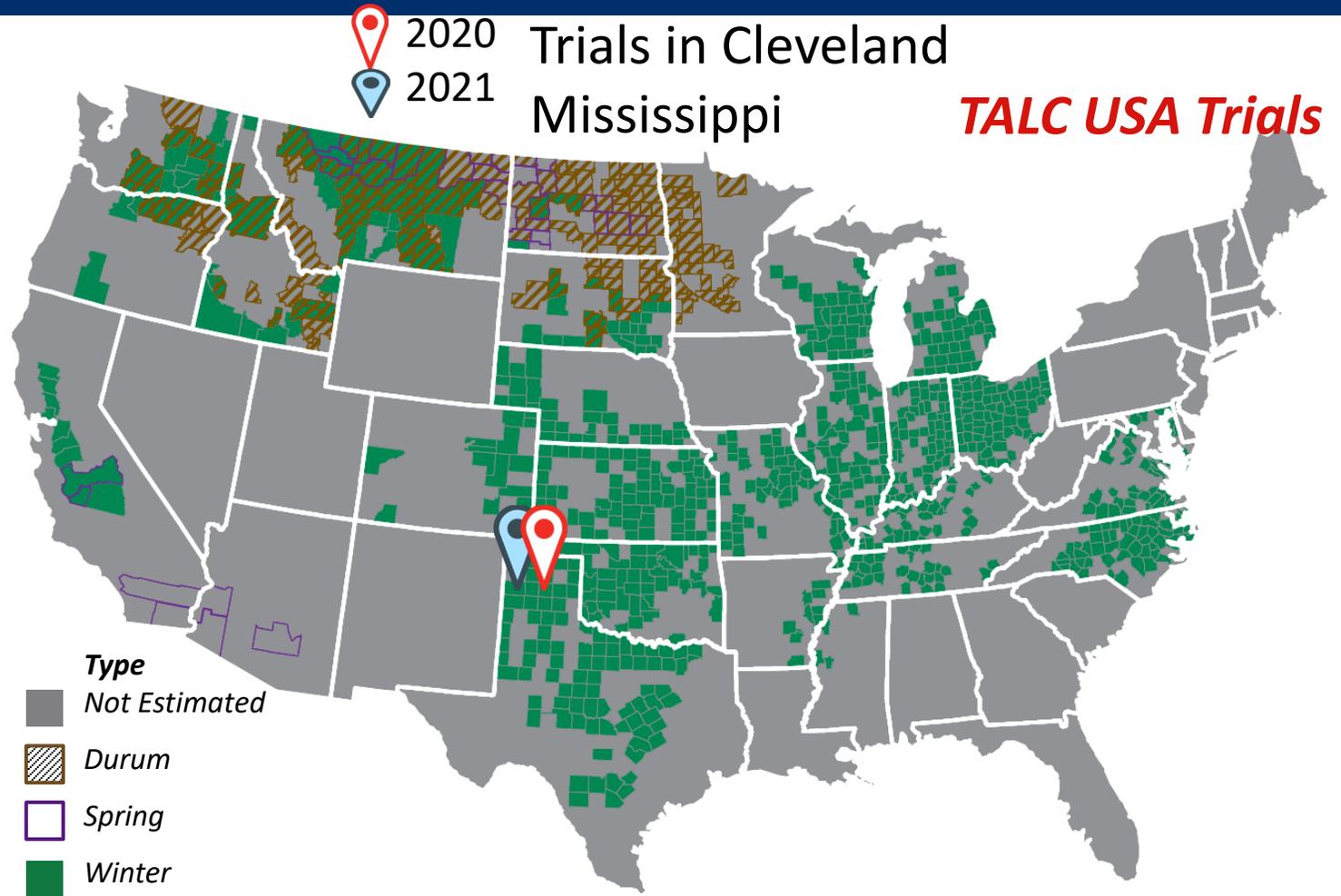
Location	Falling Numbers
Agri-Tech Consulting Whitewater, Wi 2022	Control 345 MicroSurge 355
Agri-Tech Consulting Whitewater, Wi 2022	Control 326 MicroSurge 342
Averaged Results	
Falling Numbers Increase	13



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Rice Trial Locations and Yield Results Using Dry Small Grain MicroSURGE

Location	Yield Increase
Paddy #1 2020	11 bu/ac
Paddy #2 2020	16 bu/ac
Paddy #3 2020	5 bu/ac
Paddy #4 2020	8 bu/ac
#1 2021	4.0 bu/ac
#2 2021	2.2 bu/ac
#3 2021	8.0 bu/ac
Averaged Results	
Yield Increase	8 bu/ac
Grower ROI @\$10/bu	\$76/ac



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