

FY21 Performance Progress Report

Due date:

Cover Page

Principle Investigator (PI):	
Institution:	
E-mail:	
Phone:	
Fiscal Year:	
USDA-ARS Agreement ID:	
USDA-ARS Agreement Title:	
FY20 USDA-ARS Award Amount:	
Recipient Organization:	N N N
DUNS Number:	
EIN:	
Recipient Identifying Number or Account Number, if any:	
Project/Grant Period:	
Reporting Period End Date:	

USWBSI Individual Project(s)

USWBSI Research Category*	Project Title	ARS Award Amount
FY21 Total ARS Award Amount		



I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.



N

†

N
N

N
N

N N

N

N

N

N

U
N

N

N

Project 1:

1. What are the major goals and objectives of the research project?

2. What was accomplished under these goals or objectives? *(For each major goal/objective, address these three items below.)*

a) What were the major activities?

H N

b) What were the significant results?

c) List key outcomes or other achievements.

NN

U
N

N

N

3. What opportunities for training and professional development has the project provided?

Fusarium

4. How have the results been disseminated to communities of interest?

N N

N

U
N

N N

Publications, Conference Papers, and Presentations

N

_____ U _____
_____ award period _____

Did you publish/submit or present anything during this award period?

- U

Journal publications as a result of FY21 grant award

List peer-reviewed articles or papers appearing in scientific, technical, or professional journals. Include any peer-reviewed publication in the periodically published proceedings of a scientific society, a conference, or the like.

Books or other non-periodical, one-time publications as a result of FY21 grant award

Report any book, monograph, dissertation, abstract, or the like published as or in a separate publication, rather than a periodical or series. Include any significant publication in the proceedings of a one-time conference or in the report of a one-time study, commission, or the like.

Other publications, conference papers and presentations as a result of FY21 grant award

Conference:

Cinderella, J.A., Anderson, K., Bergstrom, G.C., Bockus, W.W., Bradley, C.A., Breunig, M., Byamukama, E., Chilvers, M.I., Cowger, C., Faske, T.R., Friskop, A.J., Kelly, J., Kleczewski, N.M., Mideros, S., Paul, P.A., Price, T., Rawat, N., Rupp, J., Shim, S., Stevens, J., Telenko, D., and Koehler, A.M. Baseline fungicide sensitivity to pydiflumetofen in *Fusarium graminearum* isolated from wheat across 16 states. *Proceedings of the 2021 National FHB Forum*; Virtual. December 6-7, 2021. Retrieved from: <https://scabusa.org/forum/2021/2021NFHBForumProceedings.pdf>

Lux, L.R., Halvorson, J.M., Hansen, B.C., Meyer, S., Fitterer, S., Carruth, D., and Friskop, A. 2021. Effect of fungicide and variety resistance on the suppression of Fusarium head blight and deoxynivalenol in dryland hard red spring wheat. *Proceedings of the 2021 National FHB Forum*; Virtual. Retrieved from: <https://scabusa.org/forum/2021/2021NFHBForumProceedings.pdf>

Extension Presentations:

Friskop, A. Wheat Fungicide Update. South Central Ag Training. Fargo, ND.

Status: Presentation delivered in vitrually.

Acknowledgement of Federal Support: Yes.

NN

Friskop, A. Roundtable: Plant Pathogen Issues in ND. Centrol Annual Update. Fargo, ND.
Status: Presentation delivered in person.
Acknowledgement of Federal Support: Yes.

Friskop, A. Wheat and Corn Disease Management Update. Arthur Companies Annual Training. Grand Forks, ND.
Status: Presentation delivered in person.
Acknowledgement of Federal Support: Yes.

Friskop, A. Wheat and Corn Disease Update. Griggs County Crop Improvement Meeting. Cooperstown, ND.
Status: Presentation delivered in person.
Acknowledgement of Federal Support: Yes.

Friskop, A. Wheat Disease Update. Best of Best in Wheat. Minot, ND.
Status: Presentation delivered in person.
Acknowledgement of Federal Support: Yes.

Friskop, A. Wheat Disease Observations and Management. Hard Wheat Show. Williston, ND.
Status: Presentation delivered in person.
Acknowledgement of Federal Support: Yes.

Friskop, A. Wheat Disease Risk and Fungicide Response. Lake Region Roundup. Devils Lake, ND.
Status: Presentation delivered in person.
Acknowledgement of Federal Support: Yes.

Friskop, A. Wheat Disease Update. 2021 Langdon REC Field Day. Langdon, ND.
Status: Presentation delivered in person.
Acknowledgement of Federal Support: Yes.

Friskop, A. Wheat Disease Review and Research Update. Grand Forks County Crop Improvement Field Day. Thompson, ND.
Status: Presentation delivered in person.
Acknowledgement of Federal Support: Yes.

Friskop, A. Small Grain and Corn Disease Issues. 2021 Agronomy Seed Farm Field Day. Casselton, ND.
Status: Presentation delivered in person.
Acknowledgement of Federal Support: Yes.

Friskop, A. Small Grain Disease Update. 2021 Hettinger REC Field Day. Hettinger, ND.
Status: Presentation delivered in person.
Acknowledgement of Federal Support: Yes.

U
N

N

N

Friskop, A. Durum Disease Management. 2021 Durum Day. Carrington, ND.

Status: Presentation delivered in person.

Acknowledgement of Federal Support: Yes.

Friskop, A. Late Season Disease Management in Wheat. 2021 Crop Management Field School.
Carrington, ND.

Status: Presentation delivered in person.

Acknowledgement of Federal Support: Yes.