



We are recruiting for on-farm research in 2023!

“USING DATA-DRIVEN KNOWLEDGE FOR PROFITABLE SOYBEAN MANAGEMENT SYSTEMS”

**FIELD SCOUTING PROTOCOL**

*Will you help us develop specific recommendations by sharing your field data?*

- We would like to scout a field on your farm this season
- We’re looking for 10 fields in each of 9 states
- We’ll do all the work! Just grow your soybean crop normally
- We will come in and scout your field every 2-3 weeks throughout the season
- We’ll be looking for insects, weeds, diseases, growth stages, and abiotic stressors
- We’d ask for your yield monitor data at the end of the year
- We’ll add soil data, weather data, and satellite image data to your yield data

**What’s our goal?**

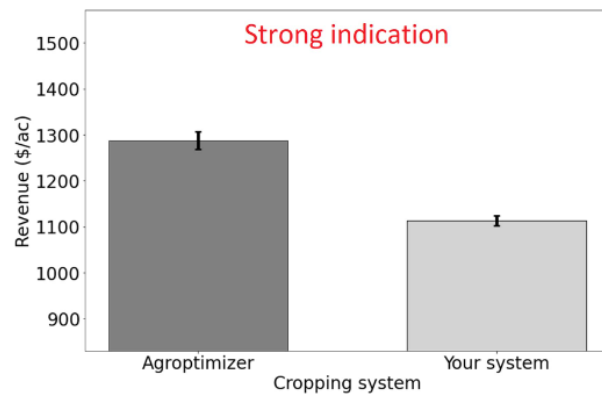
To develop a new online **cropping system optimization decision tool** that uses the data collected from scouting your field.

Here’s an example of what the decision tool will look like:

Cropping system for maximum profit

Management	Your practice	Agroptimizer
Planting date=	May 10	April 20
Seeding rate (x1000 seeds/ac)=	140	160
Row spacing (inches)=	30	15
Foliar Application=	no	no
Nitrogen rate (actual lb/ac)=	0	0

Yield difference (Agroptimizer vs. your system)= 10.4 (bu/ac)  
 Profit difference (Agroptimizer vs. your system)= 174.4 (\$/ac)



**Want to participate?**

- Find a soybean field on your farm that we can scout throughout the season
- Contact us and we’ll talk over the logistics

For more information, contact your state specialist:

Soybean specialist	State	Phone	e-mail
Laura Lindsey	OH	614-292-9080	lindsey.233@osu.edu
Manni Singh	MI	517-353-0226	msingh@msu.edu
Joe McClure	IA	515-360-0849	snelson@iasoybeans.com
David Kramar	ND		david.kramar@ndsu.edu
Seth Naeve	MN	612-625-4298	naeve002@umn.edu
Laila Puntel	NE	402-472-6449	lpuntel2@unl.edu
Laura Thompson	NE	402-245-2224	laura.thompson@unl.edu
Shawn Conley	WI	608-800-7056	spconley@wisc.edu
Paul Esker	PA	814-865-0680	pde6@psu.edu

Scan here for more information



<https://coolbean.info/soybean-research/data-driven-knowledge/>

**What’s in it for me?**

By providing your field data, you can contribute to the development of a cropping system optimization decision tool. The more data we collect, the more accurate the tool will be. Following development, the publicly available tool will allow growers to drop a pin in a field, enter input variables, and receive crop management decision help directly and through online scouting tools such as *Sporecaster* and *Tarspotter*. The tool will provide insights for best management practices in your fields that can help increase yield and profit. Individual reports will be available along with collaborative tools to share information with other growers.