CYBERSECURITY FOR AGRICULTURE

Precision technologies and big-data analytics are delivering enormous benefits to agricultural production, innovation and discovery.
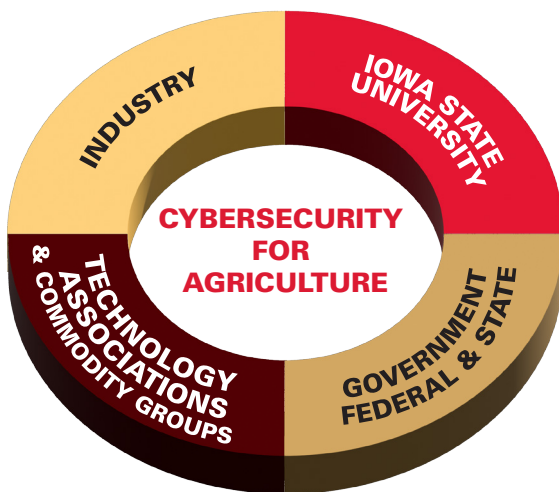
However, these critical advancements also expose the agricultural ecosystem to various forms of cyber attack that could jeopardize the food & agriculture supply chain, food safety and security and — ultimately — national security.

RATIONALE

• Agriculture has undergone sweeping cyber-enabled modernization, however legacy digital systems are still commonly used.

• The threat of cyber attack on digital and precision agricultural systems is real and growing with the reported incidence and presence of attack vectors increasing in recent years.

• There is a rapidly increasing need for academia, industry and stakeholders to collaborate on interdisciplinary research, education and workforce development.

VISION

• Build a sustainable innovation ecosystem that cultivates research, education, community engagement and workforce development centered on strengthening ag cybersecurity.

• Promote collaboration that generates deep stakeholder engagement.

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PURPOSE OF THIS WORKSHOP

• Engage stakeholders from different ag sectors to gain deeper insights into current and emerging cybersecurity challenges and shape the innovation roadmap.

• Share Iowa State's expertise and capabilities in ag cybersecurity.

QUESTIONS OR COMMENTS, CONTACT:

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