Leveraging Big Data in Agriculture Production
IFAMA 25th Annual World Conference
St. Paul, MN, USA

June 2015
You are participants in this conversation
Your Assignment

Take Notes — there will be a quiz!

Ask Questions — we might not be able to answer!

Key Takeaways — each table present one Big Idea learned

Suggested follow up — how can we improve this conversation?
Conservis: Decision Support as a Service™

We help family, corporate and institutional farming operations collect and use information to manage their operations and interact with their trusted advisors, commercial partners and regulators.

- Real-time process management
- Activity and asset tracking
- Enterprise architecture and infrastructure
- Comprehensive reporting and data views
- Mobile and remote data capture
- Integration with other systems and databases
The Data Hub.

- Single location
- Common format
- Integrity and consistency
- Multiple incoming streams
- Multiple outgoing streams
- Single source for reporting & analytics
3Vs of Big Data

Data Volume
- ZB
- PB
- TB
- GB
- KB
- Sparse
- Batch
- Interval
- Real Time

Data Velocity
- SMS
- XML
- Video
- Text
- CSV
- Photos

Source: http://blog.sqlauthority.com
This session is about Leveraging Big Data in Agriculture Production
Ken Zuckerberg — Rabobank
Demystify
Data Technology
Smart Farming
User Adoption
IBM Watson
Data-driven farming
Charlie Linville — Ploughman Analytics

Time Scale of Changes

X as a Service

Scenarios

Small Data and Big Data

Data Fusion

Bayesian Methods
Charles Elworthy — Map of Agriculture
Agroecological + Production + Financial Data
Bloomberg for Agriculture
Map of Agriculture
Centrality of the Geospatial
Fragmentation and Scale
Benchmarking and Collaboration
Michael Boehlje — Purdue University

Wicked Questions
Biological Manufacturing
Fundamental Drivers
Process Control Technologies
Supply Chain
Options Thinking
You are participants in this conversation
Your Assignment
Take Notes — there will be a quiz!
Ask Questions — we might not be able to answer!
Key Takeaways — each table present one Big Idea learned
Suggested follow up — how can we improve this conversation?
Eric Jackson I President-Ag Services
Conservis I Minneapolis, MN
ejackson@conserviscorp.com
612~790~3474