LEVERAGE THE POWER OF DATA

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Agronomy and Farm Solutions

VALTRA

360kg/ha

380kg/ha

400kg/ha

400kg/ha

FUSE®
SMART FARMING. SYNCHRONIZED.

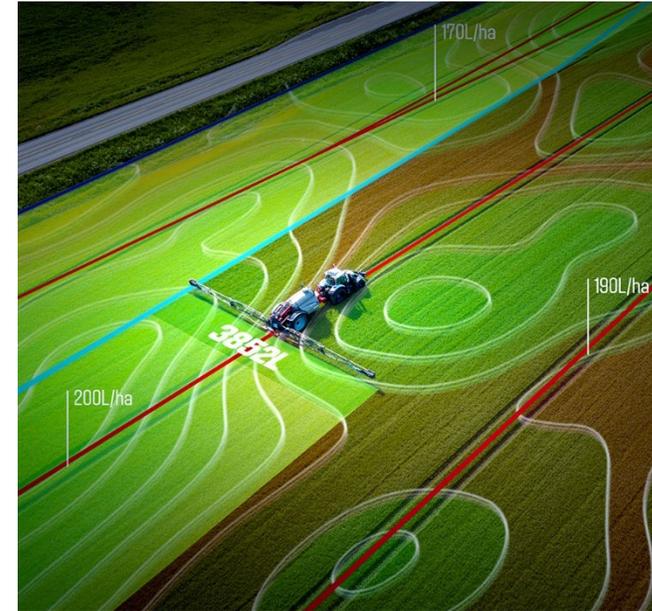YOUR WORKING MACHINE

LEVERAGE THE POWER OF DATA

1.
Challenges in practice

2.
Solutions to get started

3.
Field experiences

1. CHALLENGES IN PRACTICE

AROUND DATA
MANAGEMENT

VALTRA

CHALLENGES IN PRACTICE

For many farmers, the possibilities of digital data management are not sufficiently tangible or understandable.
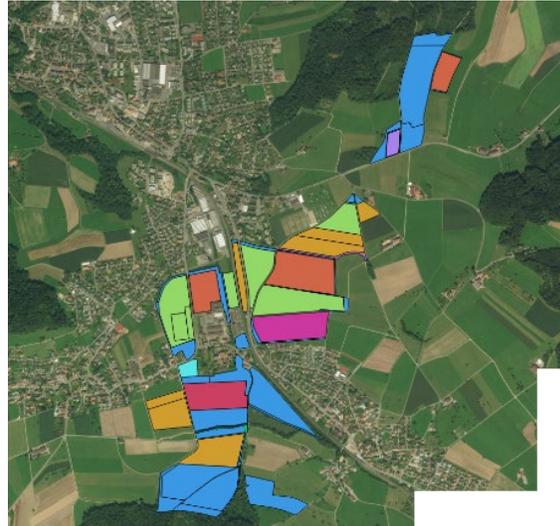
As a practical demonstration farm, the Swiss Future Farm is testing Smart Farming solutions in order to make them visible, tangible and understandable for farmers.

The examples shown are based on experiences at the Swiss Future Farm.

CHALLENGES IN PRACTICE

Balancing between farming operation, family and office work – with increasing administrative effort.

- Multiple recordings
- Operating costs
- Guidelines (federal, state, label…)
- Manpower shortages
- Weather extremes
- Modernization of machinery
- Mixed fleets
- Connecting devices and machines ("the common language is missing")

AIMS AND BENEFITS

Aims and benefits of data management

- Make operational management simple and quick to carry out
- Identify and develop new potential for operations

Efficiency

Cost reduction

Sustainability

Productivity

Profitability

2. SOLUTIONS TO GET STARTED

MACHINE AND AGRONOMY DATA

SOLUTIONS TO GET STARTED

Valtra Connect (AGCO Connect) – telemetry system for machine surveillance

Benefits:

- Machine localization
- Operating hours recording
- Machine alarm messages

Machine with
Connect module
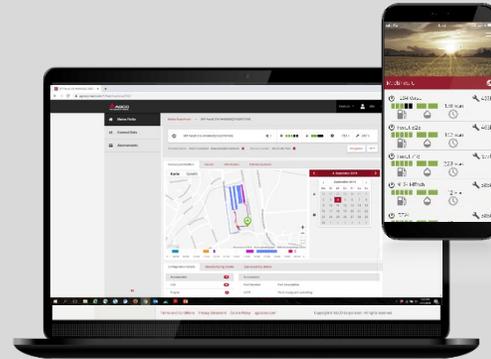
AGCO Connect account &
subscription

SOLUTIONS TO GET STARTED

NEXT Machine Management – agronomic software for practice

Machine with
TaskDoc subscription
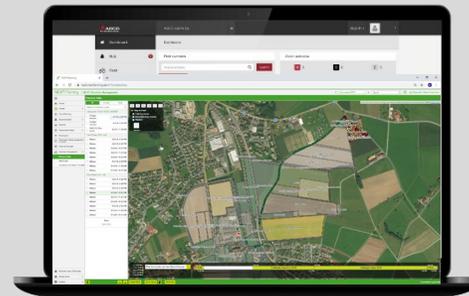
agrirouter
NEXT Farming-NMM
account & subscription

Benefits:

- Management of field database
- Planning and sending tasks
- Creating prescription maps
- Machine data visualization

3. FIELD EXPERIENCES

DIGITAL DATA MANAGEMENT

EVERYDAY OPERATIONS

WITH VALTRA CONNECT

VALTRA

Farm managers: insight into the status of work completion / status and location of machines
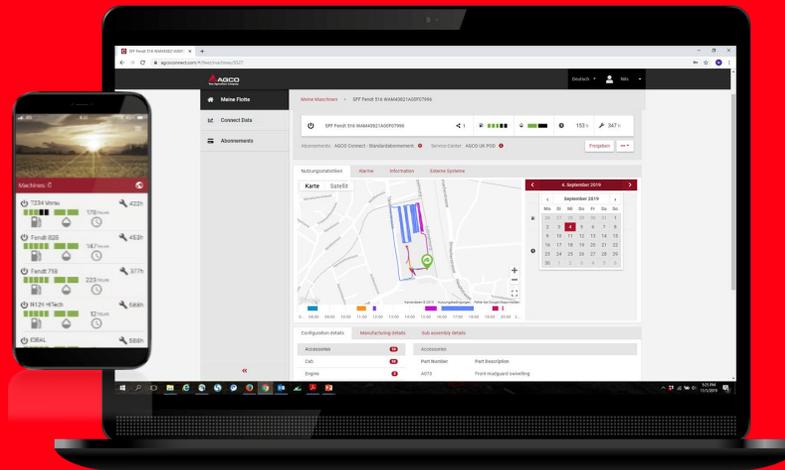
Farm employees: possibility for diagnosis in case of malfunctions during work execution
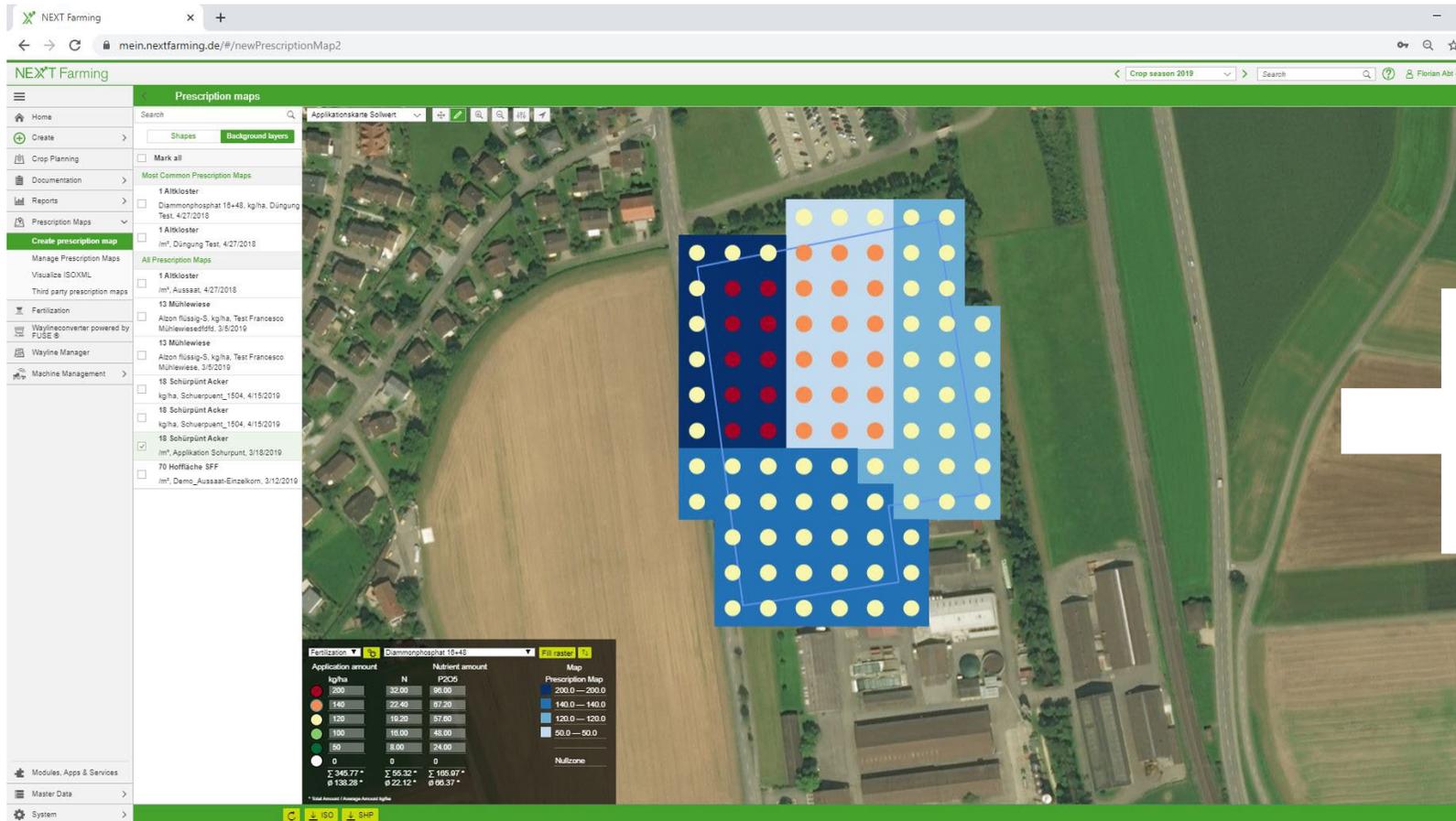
EXPERIENCES

WITH NEXT MACHINE MANAGEMENT

- Simple and clear planning of field operations and tasks

- Reduction of documentation effort
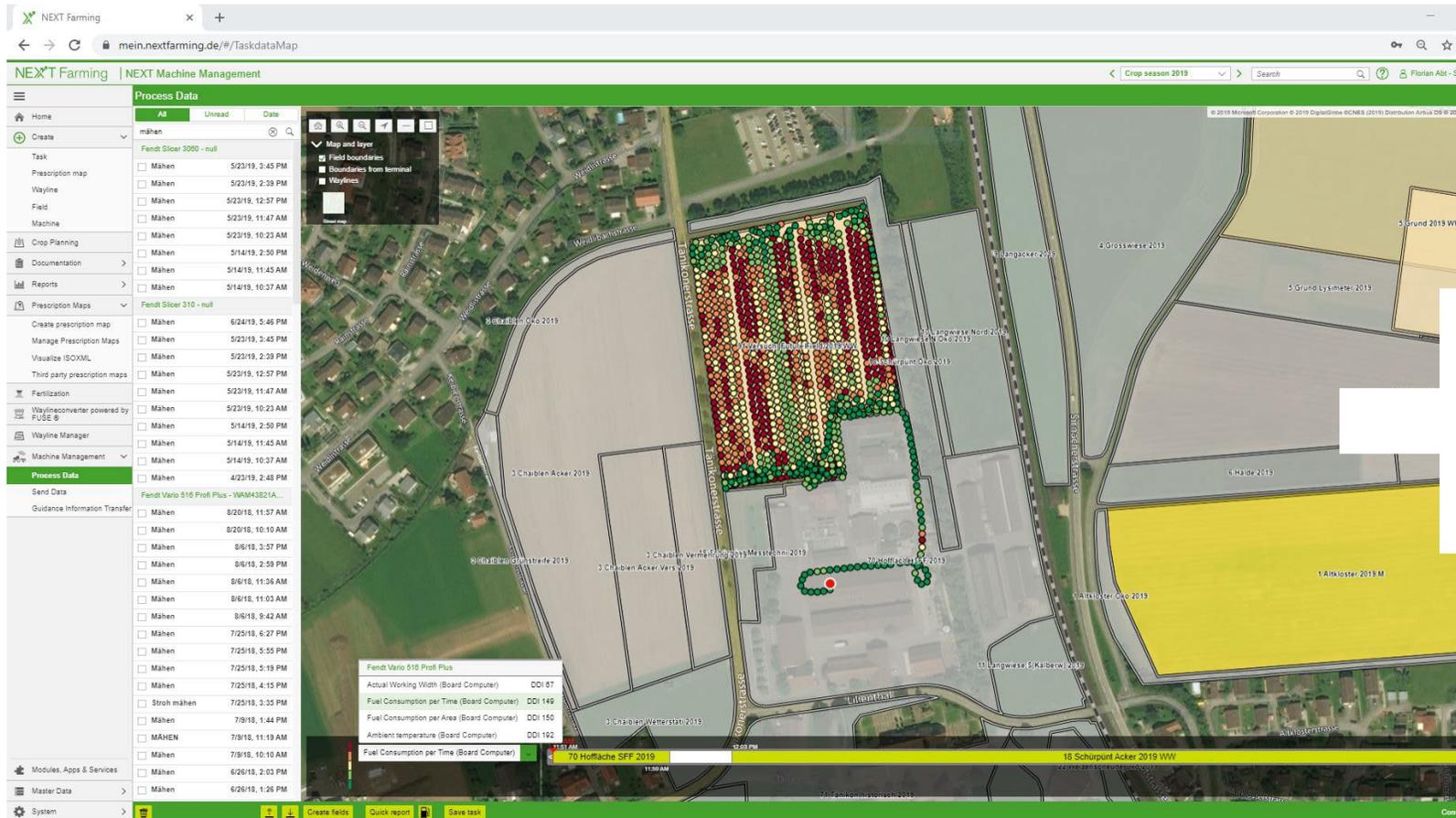
EXPERIENCES

WITH NEXT MACHINE MANAGEMENT

- Quick access to Variable Rate applications and prescriptions
- Identification of savings potentials for inputs

EXPERIENCES

WITH NEXT MACHINE MANAGEMENT

- Precise checking of machine performance

- Improvement of machine settings and area performance
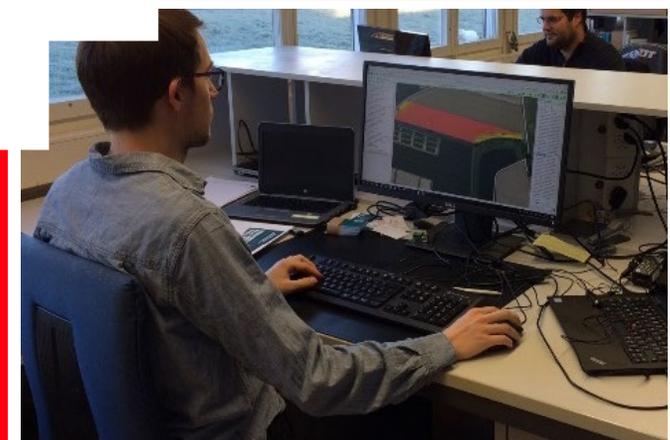
EXPERIENCES

WITH NEXT MACHINE MANAGEMENT

- Fast and clear documentation of field operations and tasks

- Shared access for partners, employees and consultants is possible

BENEFITS

OF DIGITAL DATA MANAGEMENT

VALTRA

Efficiency

Cost reduction

Sustainability

Productivity

Profitability

THANK YOU!