BayWa

Variable Rain.
Irrigating the Future.

Highly accurate irrigation recommendations especially for you. Variable rain is the unique combination of plant growth model, satellite data and our agronomist expertise.
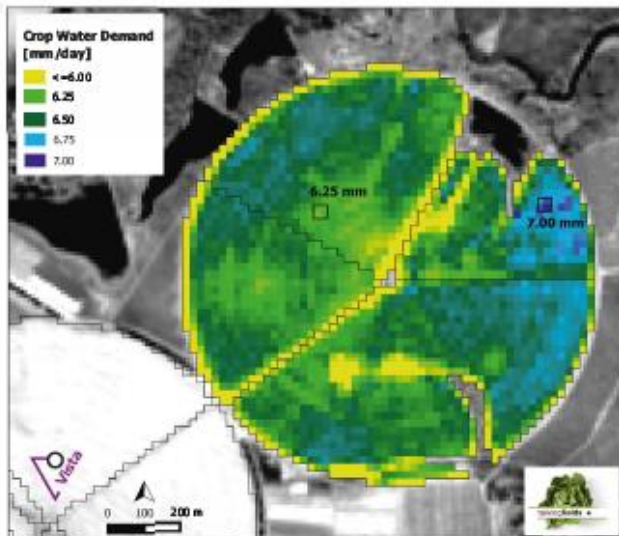

Optimize your water consumption for wheat, maize, canola, barley, sugar beet, sugar cane.

Higher success due to:
- ✓ Saving of water
- ✓ Saving of energy
- ✓ Saving of management time
- ✓ Exploitation of yield potential

Variable rain is based on satellite downstream processed data as well as crop calibrated plant growth models to provide individual and appropriate crop specific irrigation recommendation maps in a 10 x 10 m grid format.

Crop Water Demand [mm/day]
- <=6.00
- 6.25
- 6.50
- 6.75
- 7.00

Advantages:
- ✓ Appropriate irrigation in a 10 x 10 m grid or individual sectors
- ✓ No need to define irrigation zones manually
- ✓ Avoidance of waterlogging
- ✓ Avoidance of nutrient leaching and surface water run-off
- ✓ Systematic turn off over streets, buildings, passageways and water bodies
- ✓ Conservation of agricultural and irrigation equipment

Furthermore, the choice is yours to use full variable rate, sectional, or field level recommendations. In every situation you ensure your crops are well supplied with the amount of water they require in order to provide full yield and quality performance.

At the same time, targeted irrigation application prevents water logging and therefore conserves your irrigation system and agricultural equipment, as well as keeping your crops healthy.

Information we provide:
Recommendation when to start/stop irrigation as well as how much to irrigate on a field level, in individual sectors, or Variable Rain Irrigation (VRI) recommendation will be provided in defined intervals.

Smart Farming

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