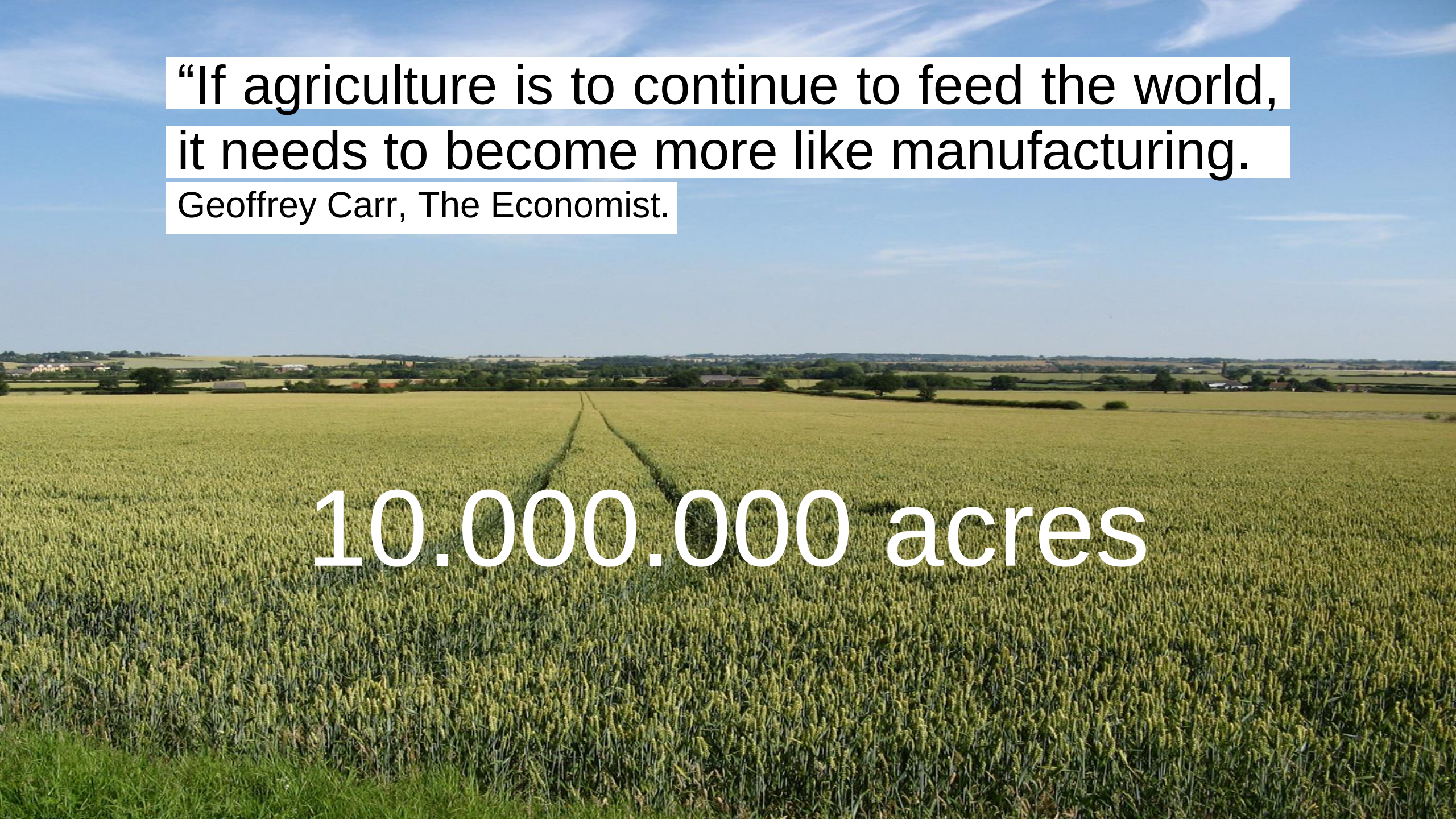
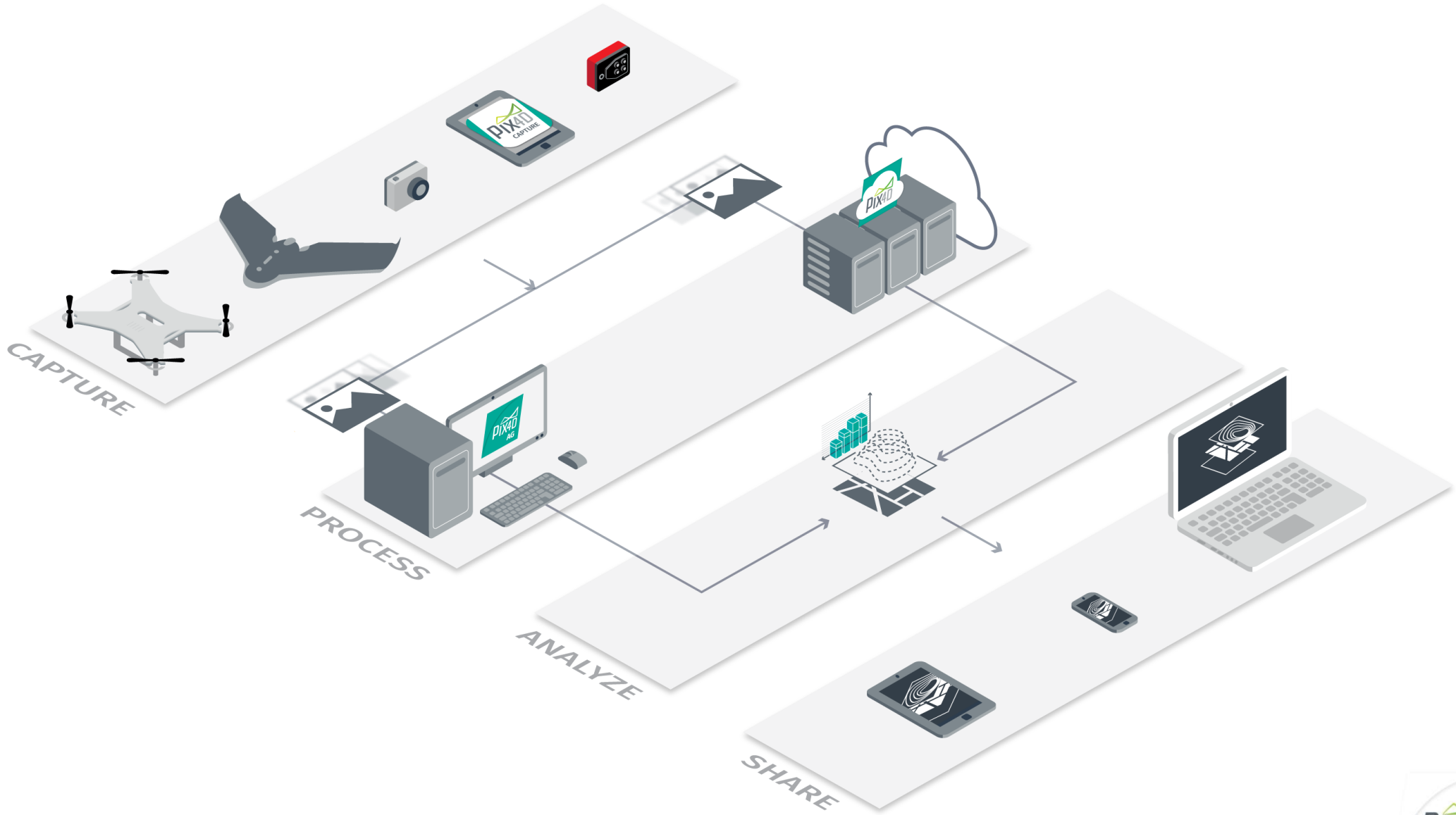
The role of **professional** drone mapping in Agriculture

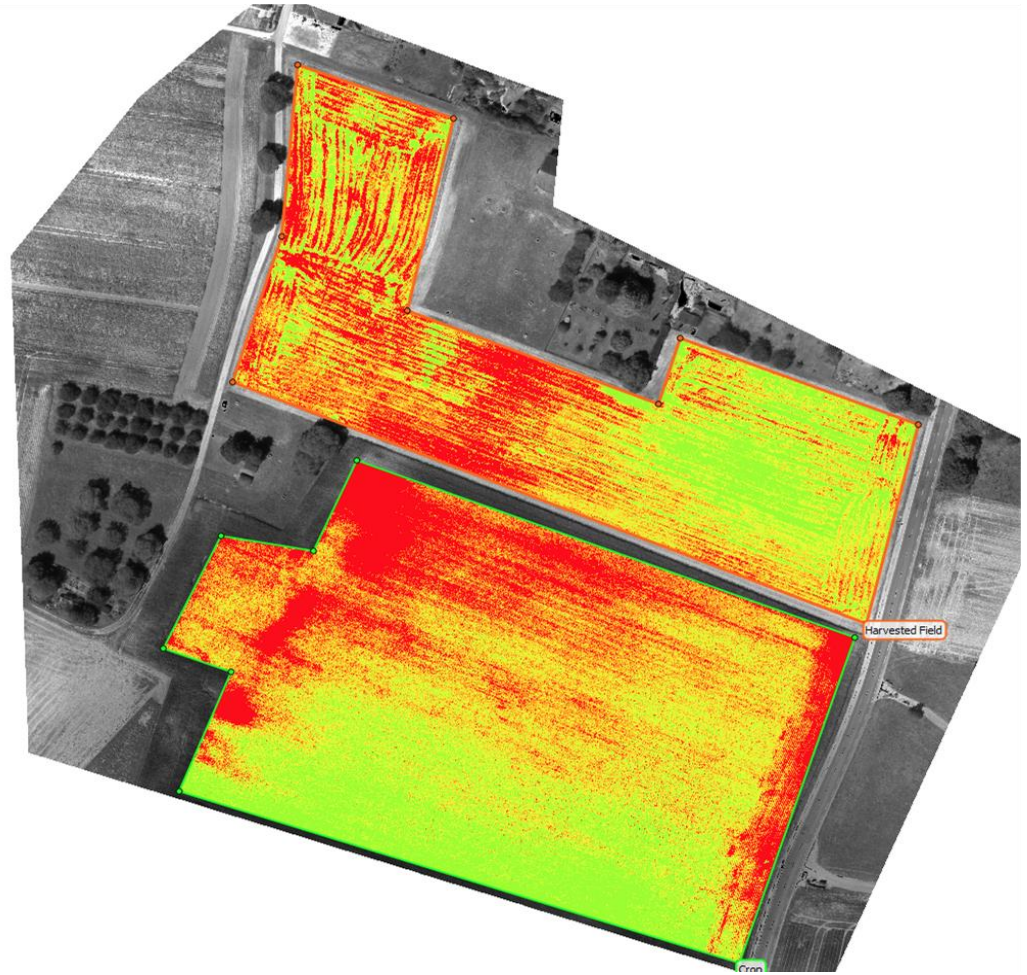

“If agriculture is to continue to feed the world,
it needs to become more like manufacturing.
Geoffrey Carr, The Economist.
10.000.000 acres

What this technology does for Agriculture?


CAPTURE
PROCESS
ANALYZE
SHARE

We convert RGB images into aerial maps for **digital scouting**

We convert multispectral images into **Vegetation Index Maps**



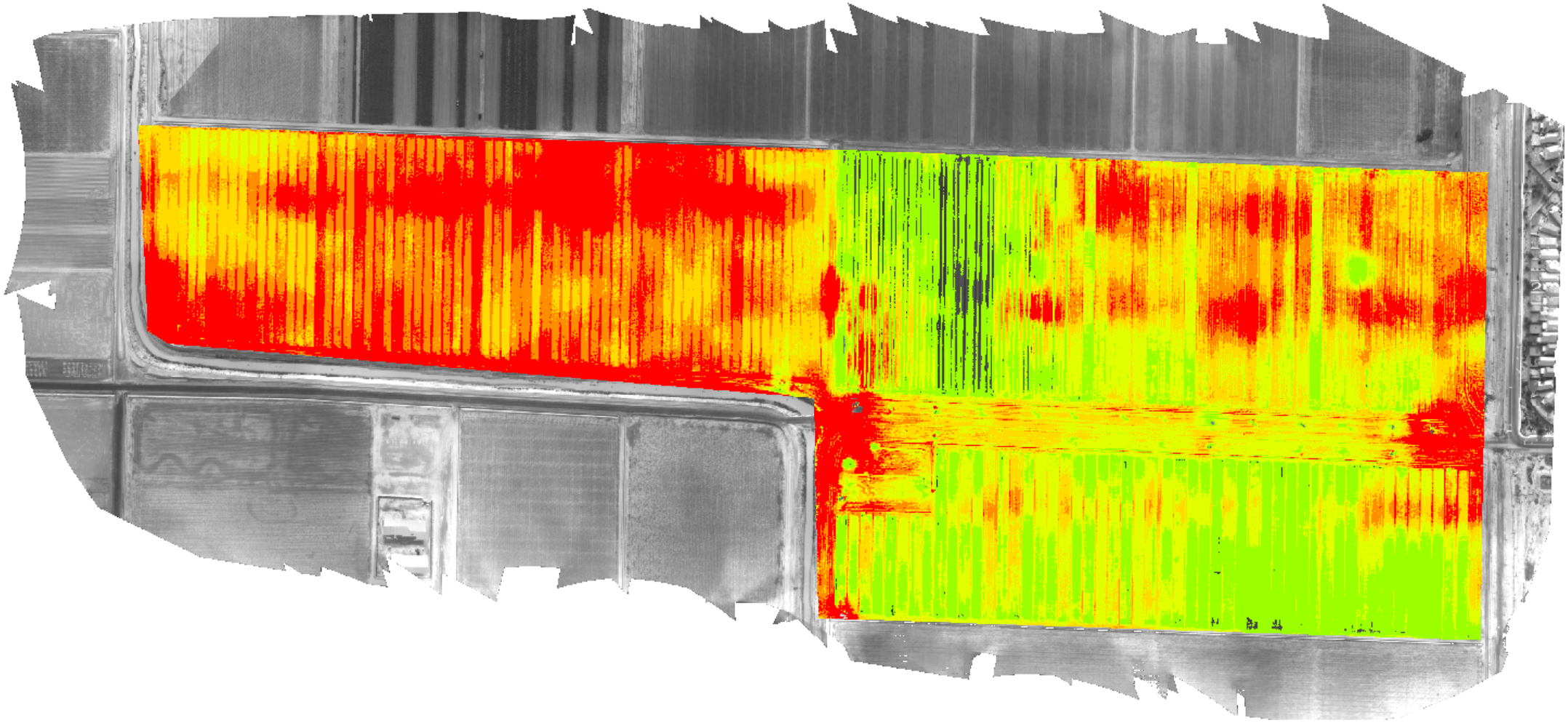
Main three outputs and their benefits

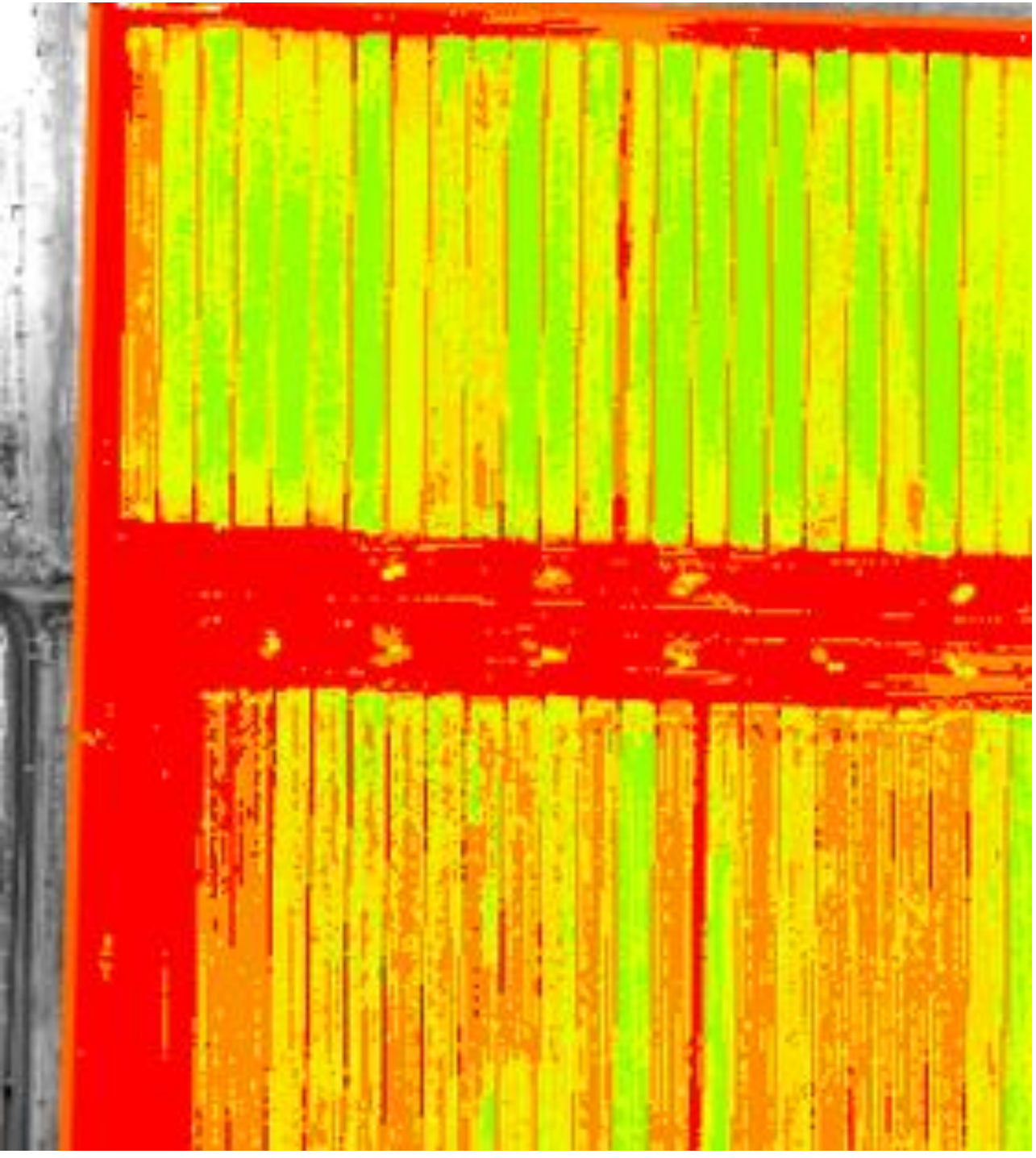
Orthomosaic

Benefits:

- Spatially aware overview of the field
- Early detection of visible crop impact
- Pattern and hotspot recognition

Vegetation Index Maps

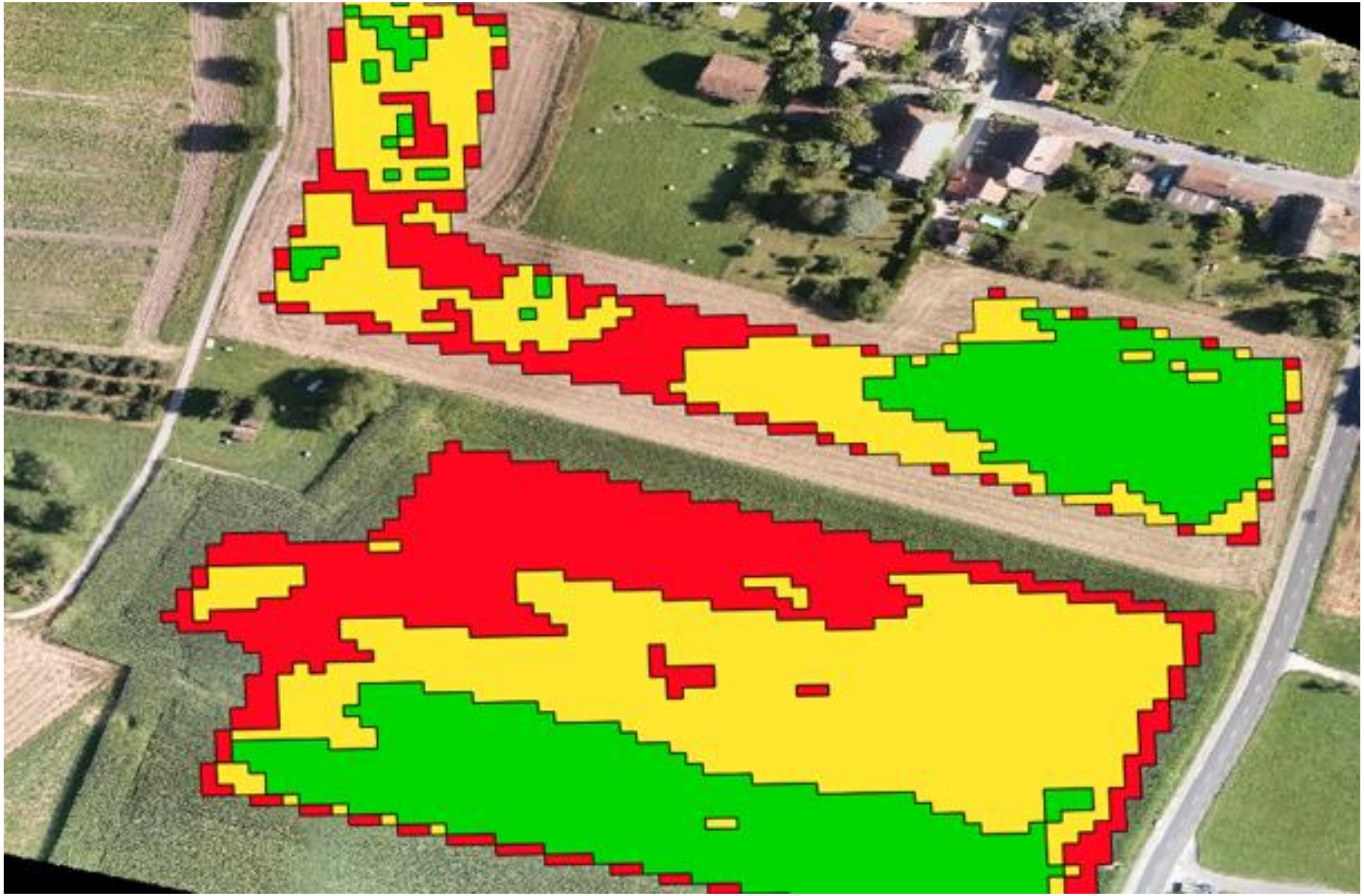


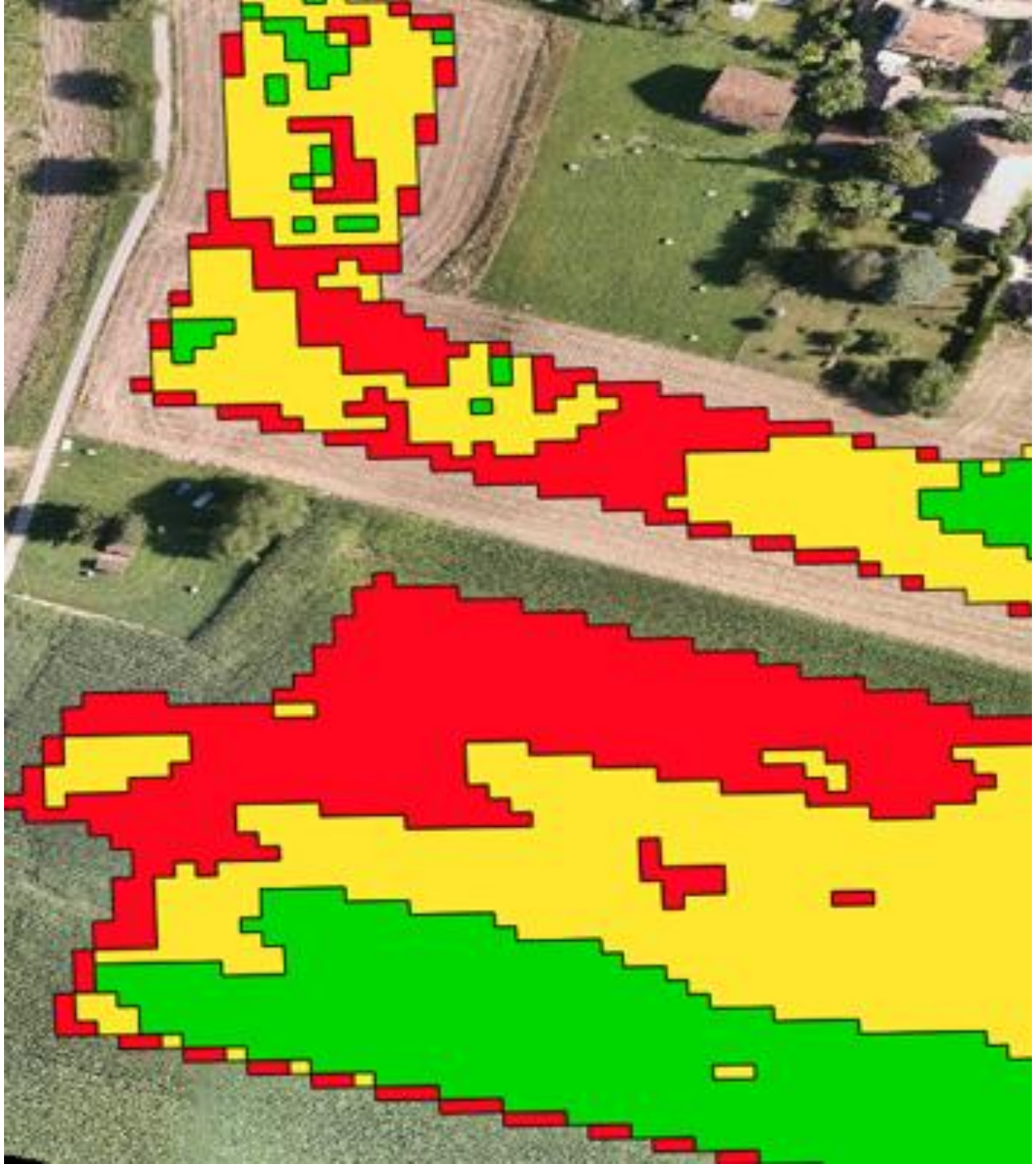


Benefits:

- Deeper yield understanding
- Early disease detection
- Basis for improvement on input efficiency

Application Map



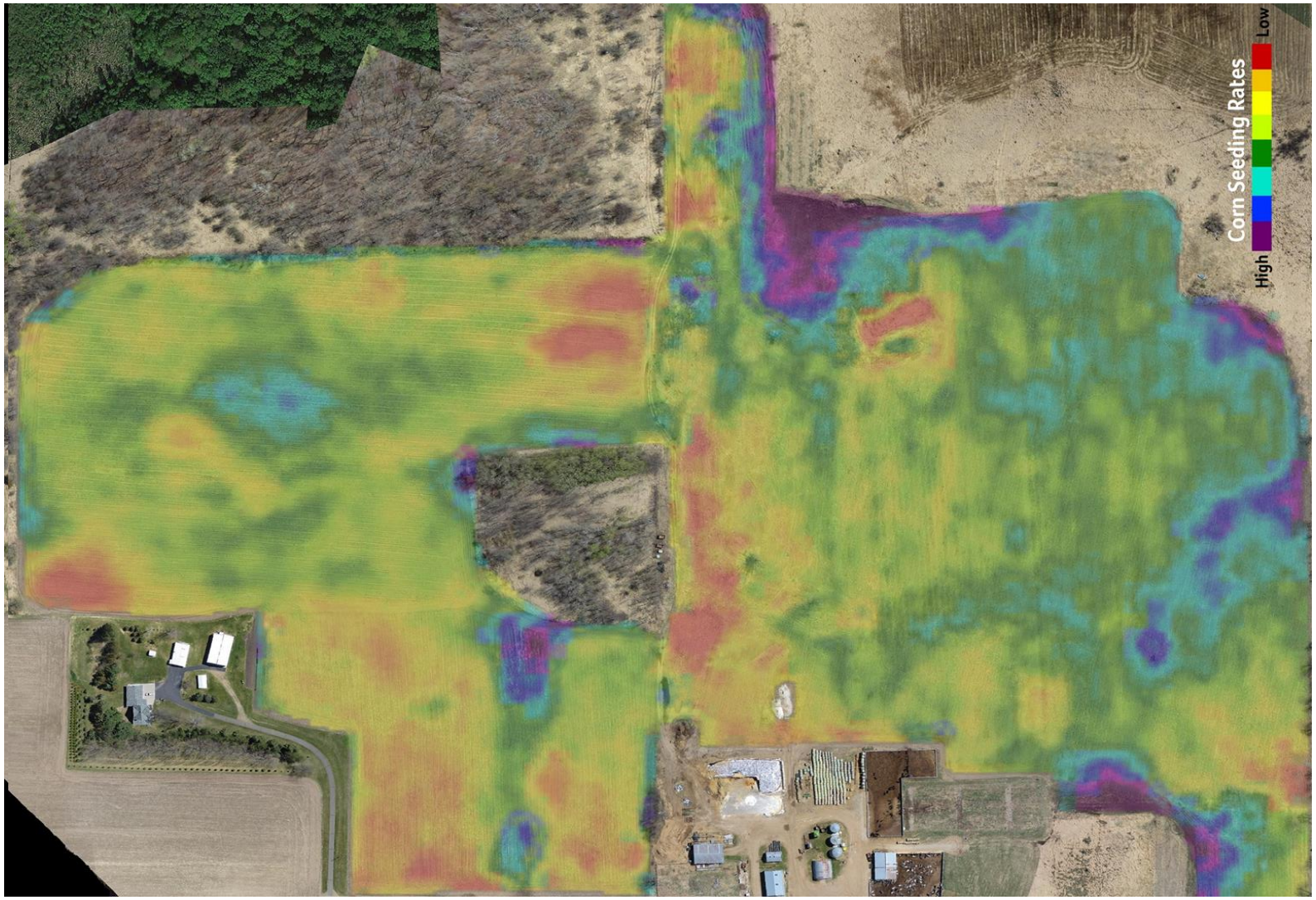


Benefits:

- Input savings
- More efficient treatments
- Less environmental impact

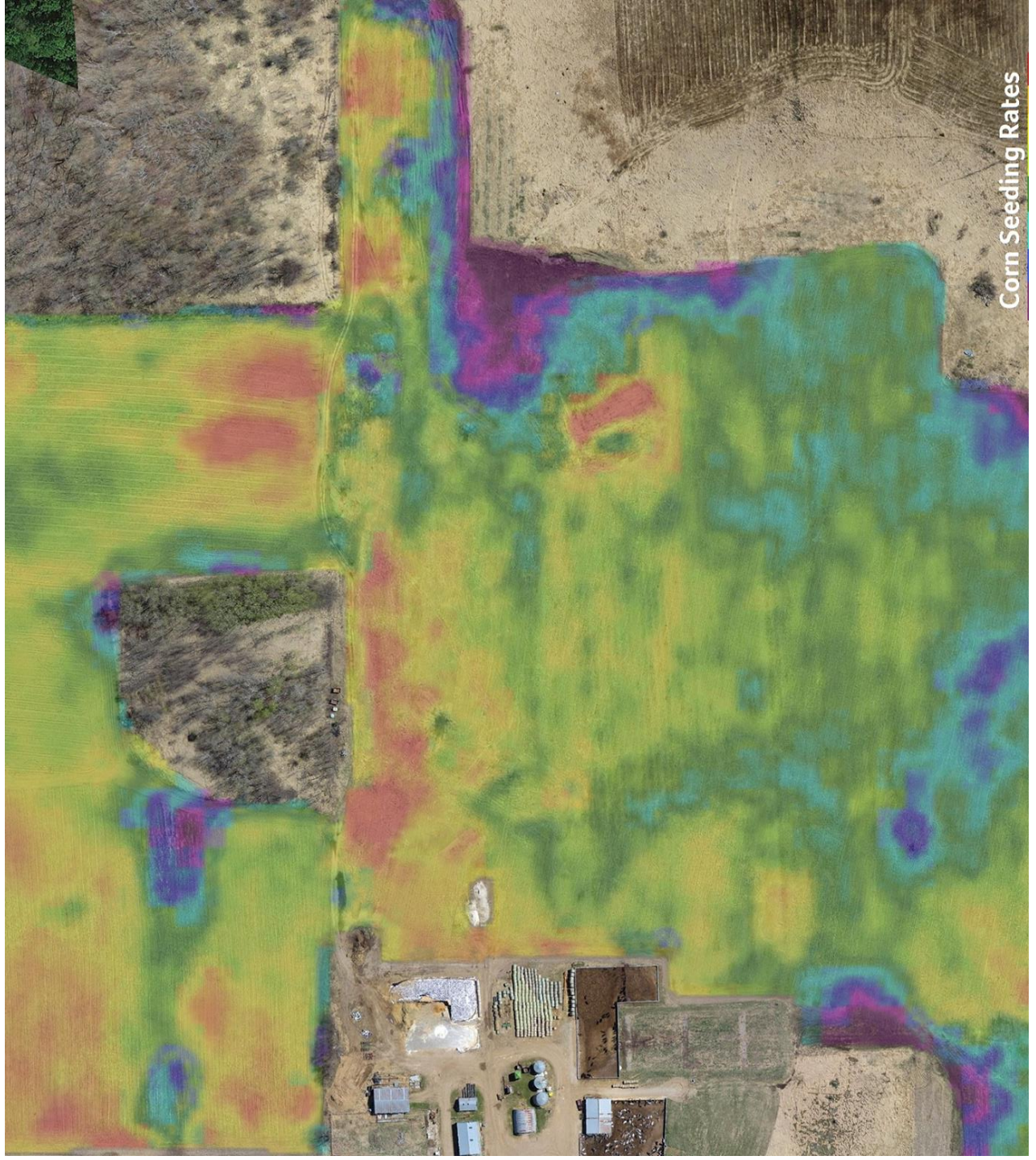
Real cases

Seeding optimization

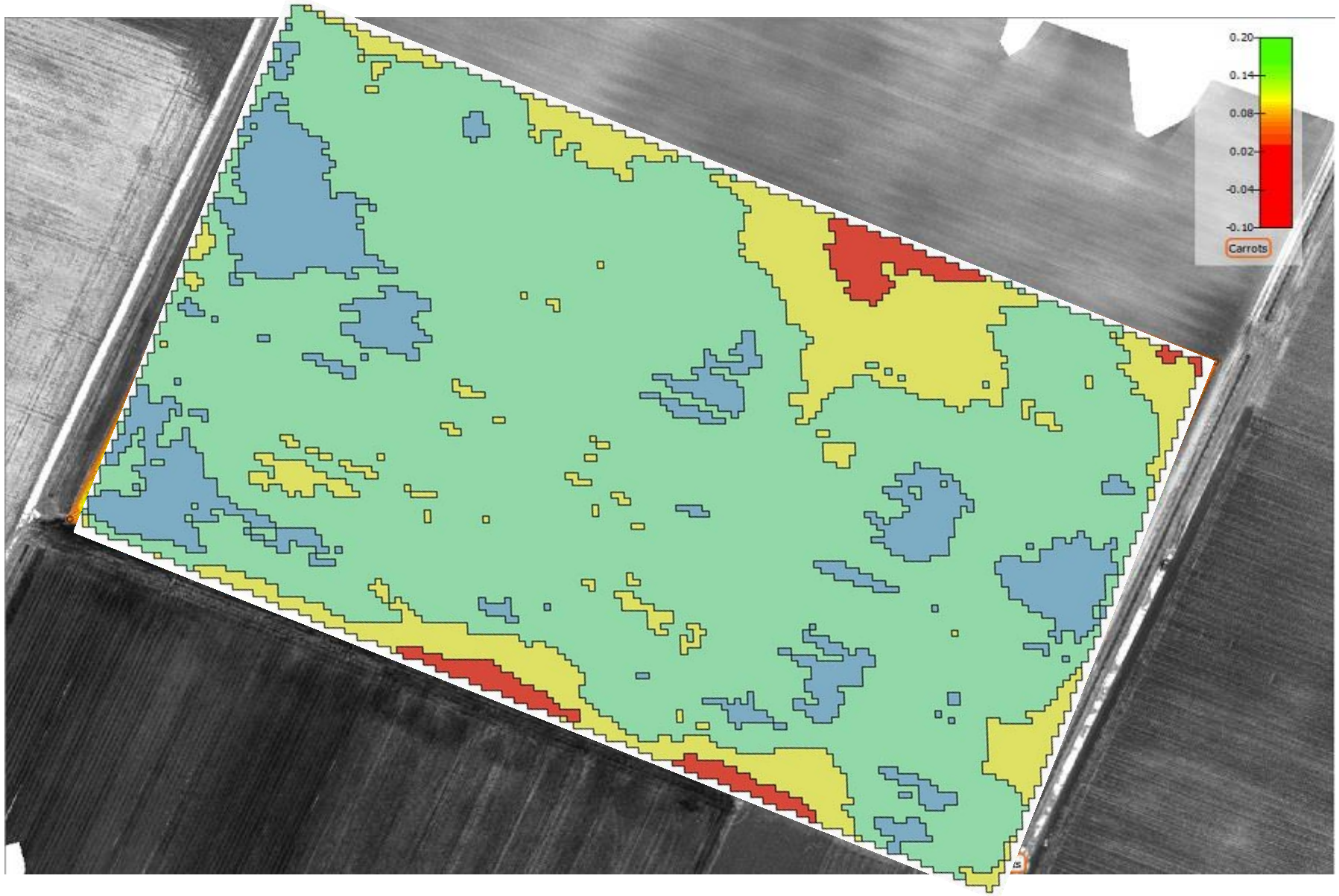


Grower’s benefits:

Same field = More yield



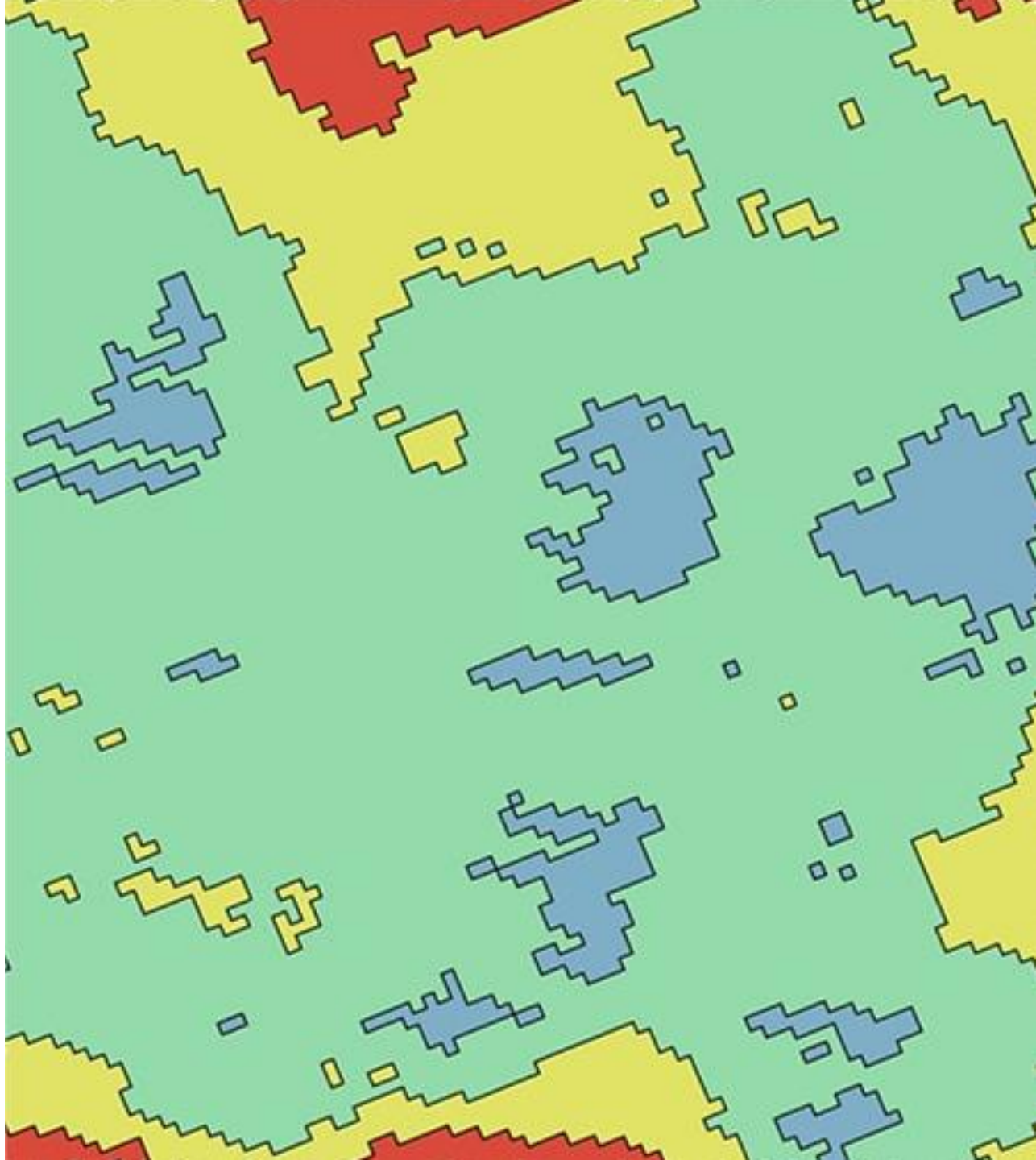
Keeping the K (Potassium) in the carrots



Grower’s benefits:

Underperformance detected

Saving on inputs

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Thank you

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