

Amazing Grazing

High-tech grazing in the Netherlands



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High-tech in Amazing grazing

- Prediction of grass growth
- Measuring grass with drones
- Virtual fencing
- Estimating dry matter uptake
- Management of grass stock



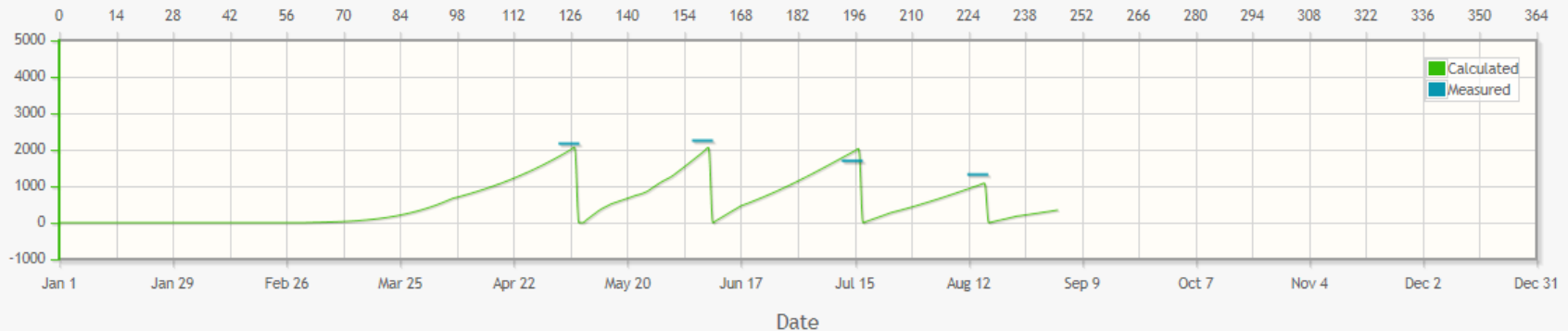
Prediction of grass growth

- Field trial with 3 locations, 3 N levels, 4 moments in 6 cuts

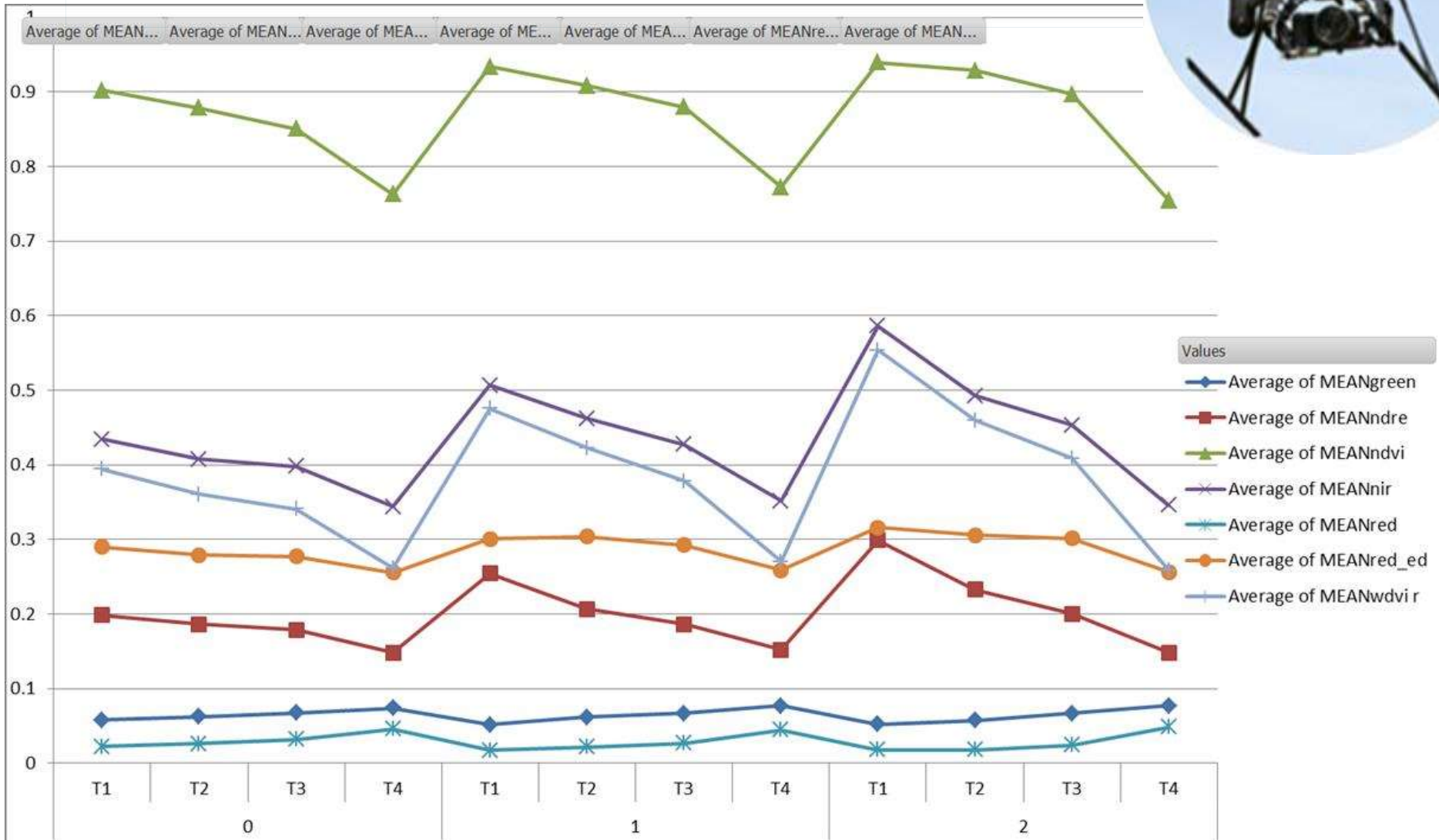
Cut/week	1	2	3	4	5	6	7	8
Cut 1	T1	T2	T3	T1-T4				
Cut 2					T1	T2	T3	T1-T4
Etc.								

Dry Matter Yield (kg/ha) on Grasgroe_i_12_N1

Day Number



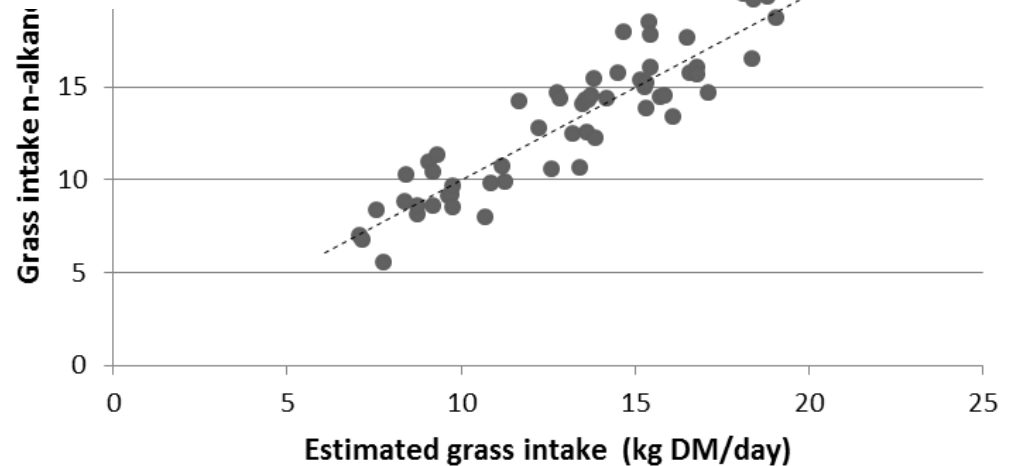
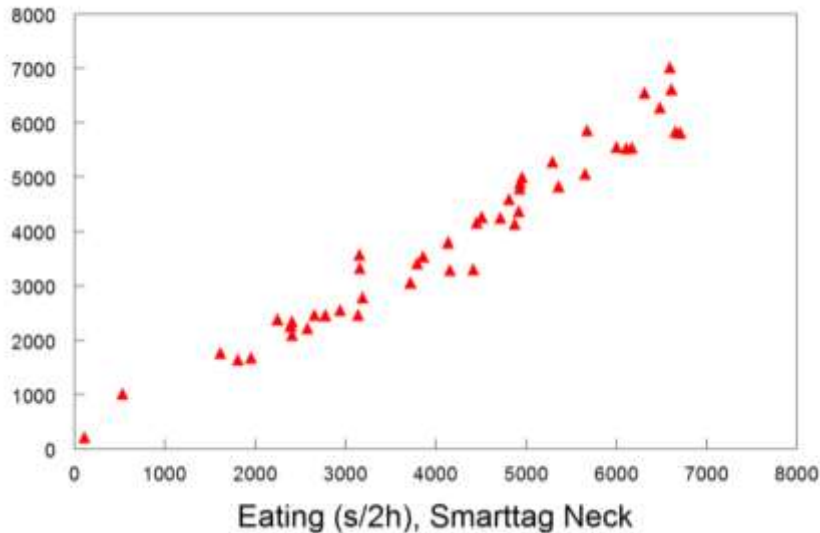
Measuring grass with drones



Virtual fencing

Estimating dry matter uptake

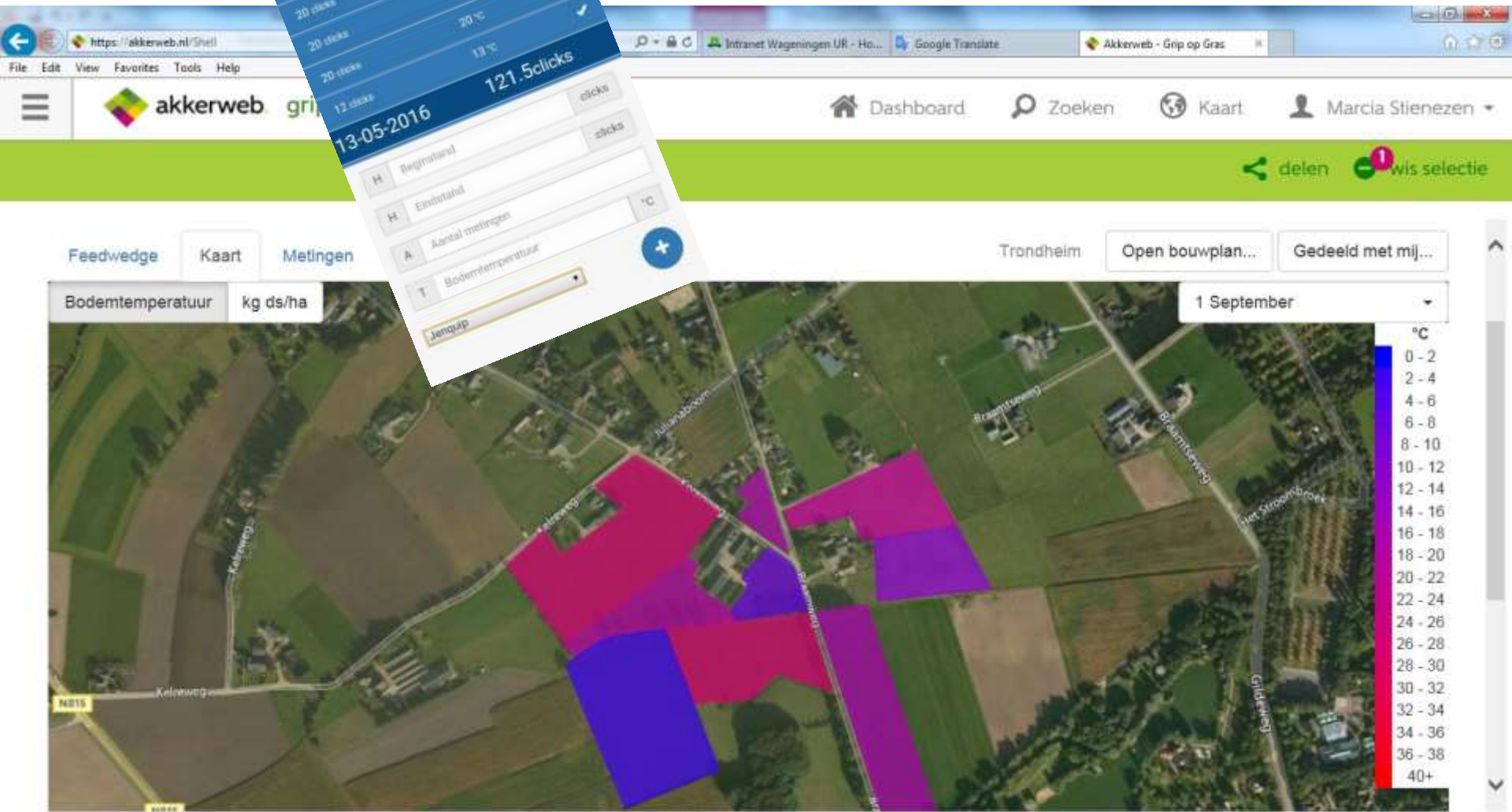
Grazing (s/2h), behavioural observations (reference)



Correlation between y and X: 0.92 (N=58; $P < 0.001$)

Management of grass stock

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Thank you for
your attention!

