



AMAZING
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GRAZING

Philipsen, A.P., Schils, R.L.M., Holshof, G., Zom, R.L.G.,
Hoving, I.E., Van Reenen, C.G., Van der Werf, J.T.N., Galama,
P.J., Sebek, L., Klootwijk, C.W., Van Eekeren, N., Hoekstra,
N.J., Stienezen, M.W.J., Van den Pol-van Dasselaar, A.

www.amazinggrazing.eu



Grazing is Amazing

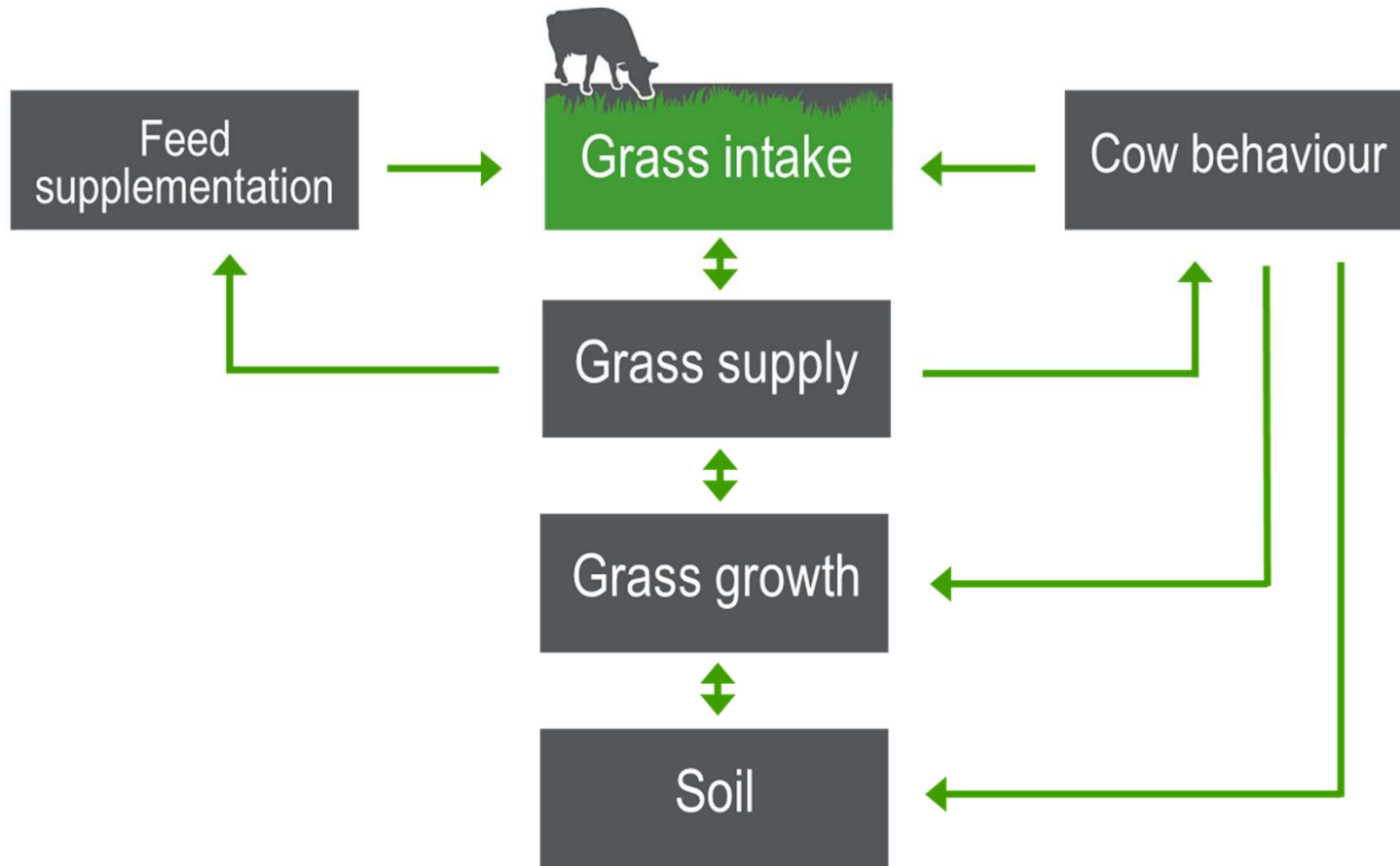


- Research to find solutions for grazing
- Translation into knowledge, tools and grazing systems

Stimulates use and development of grazing in the Netherlands as part of modern craftsmanship, now and in the future.

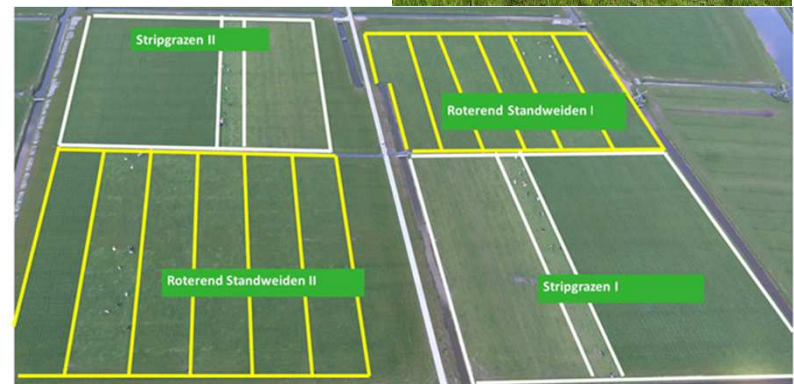


Framework of grazing components



Methods

- Grazing experiments
 - Dairy Campus
 - 2 x 15 cows/2 ha strip grazing
 - 2 x 15 cows/2 ha compartment continuous grazing
 - KTC Zegveld
 - 2 x 15 cows/2 ha strip grazing
 - 2 x 15 cows/2 ha KurzRasen (shortherbage grazing)
- Cutting trials
 - Clay, sand and peat soils
 - Prediction grass growth
- Working groups tools grass allowance
 - Rotational grazing, continuous grazing, cutting



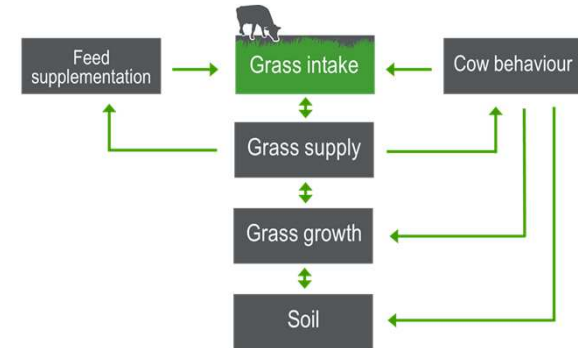
First phase (2016 and 2017) – Highlights

- Grass intake (5 to 6 kg DM/cow/day) possible in intensive grazing systems
- Feedwedge developed, allowing variable size of grazing platform and cutting window
- Short term predictions of grass growth relatively succesful.
- Cow sensor data can be used to improve estimates of fresh grass intake.
- Lower amount of rumen-degradable protein balance had a limited effect on fresh grass intake
- Grazing systems affects sward density and root density



Amazing grazing at the EGF

More details in upcoming presentations and posters



- Theatre presentations

- Zom et al., Can we motivate dairy cows to increase their grass intake by feeding low protein supplements?
- Stienezen et al., Feed wedge and cutting window for grazing systems with high levels of supplementation
- Klootwijk et al., Nitrogen use efficiency of sixty individual dairy cows under intensive grazing

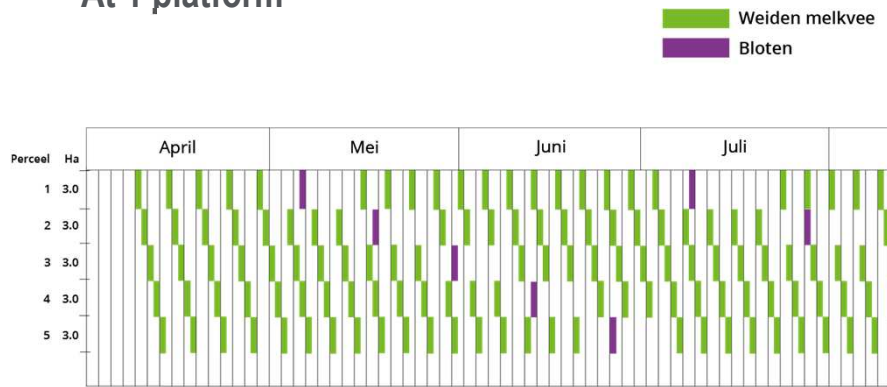
- Poster presentations

- Schils et al., Amazing Grazing; Science in support of future grass based dairy systems
- Holshof et al., Substantial fresh grass intake in restricted grazing systems with high stocking rates
- Hoving et al., Grass growth measurements with remote sensing techniques
- Holshof et al, Effect of cutting height and defoliation frequency on grass production and feeding value

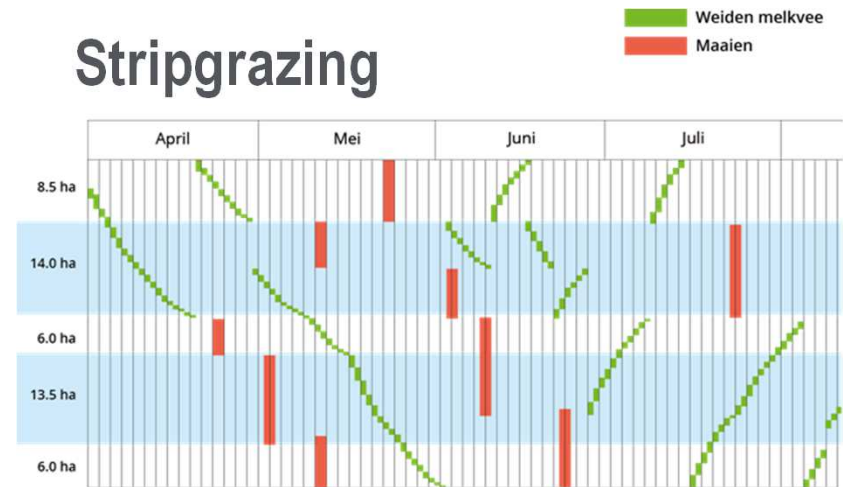


15 milking cows per 2 ha = 7.5 cow/ha

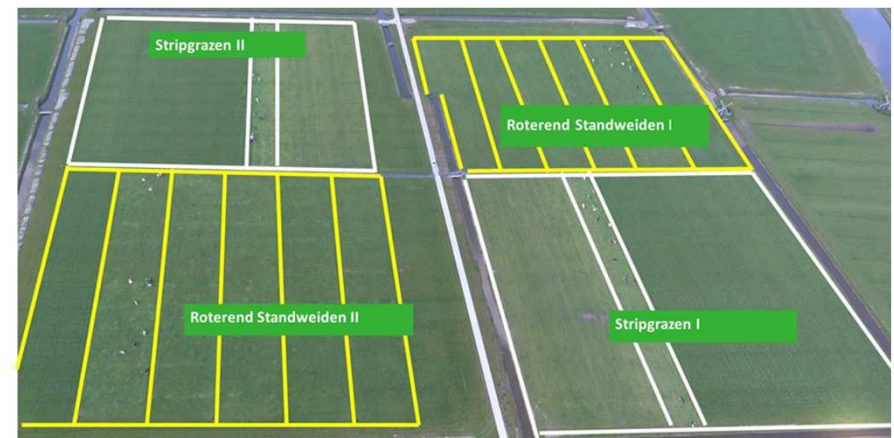
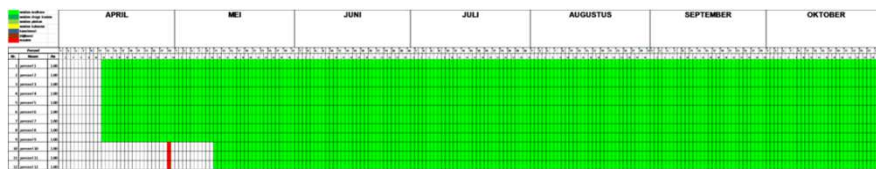
Compartment continuous grazing At 1 platform



Stripgrazing



KurzRasen-shortherbage



Amazing Grazing!!!

Amazing Grazing is funded by:



Duurzame Zuivelketen is gezamenlijk initiatief van:



nederlandse zuivel organisatie

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Amazing Grazing is realised in cooperation with:

