
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

- Feed supplementation
- Grass intake
- Grass supply
- Grass growth
- Soil

Cow behaviour
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 (shorterbage 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 successful.
- 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!!!

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