

TRIAL DATA SHEET

Sweetgrass

Objective: To compare daily live weight gains (DLWG) of weaned lambs grazing on straight nitrogen compared to a fertiliser containing sodium and selenium

Crop: Grass

Location: Northumberland

Date: June to September 2020

Researcher: Origin Fertilisers trials

Method: Pre-application soil and tissue analysis, fertiliser applied June 27th, lambs weighed, weaned, bloods taken prior to entering field July 17th, lambs weighed 4 times

Measurements: Weight and blood selenium and sodium

Trial code: 20004/NE/AK

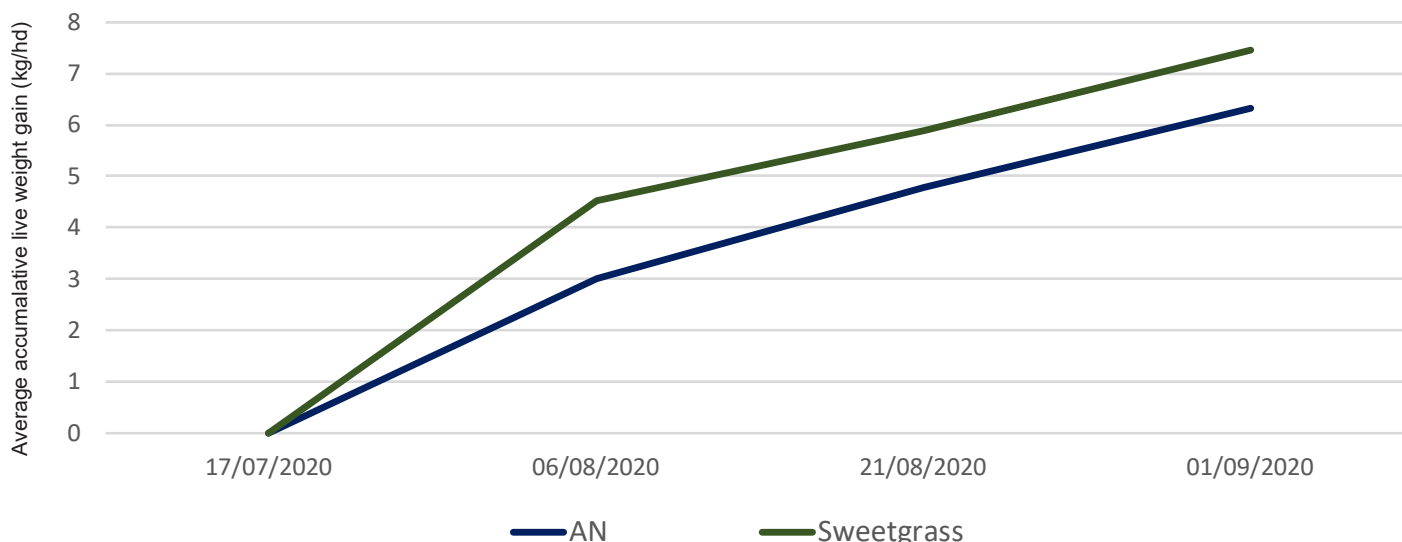

Origin
FERTILISERS



Fertiliser treatments:

Product applied June 27th	Application rate	Nutrients per ha	Number of lambs
Sweetgrass® 23-0-0 + 5Na + 5SO ₃ + Se	200kg/ha	45kg N, 10kg Na, 10kg SO ₃ , 40g Se	212 lambs (23.82/ha)
Ammonium Nitrate	133kg/ha	45kg N	166 lambs (23.82/ha)

Results: Accumulative weight gain (assuming 50:50 split of ewe and ram lambs)



- Lambs grazing on grass treated with **Sweetgrass®** gave an accumulative weight gain of **17.6%** over those grazing on grass treated with Ammonium Nitrate
- **Sweetgrass®** gave an increased return of investment of £32.82/ha compared to AN

Talk to us about prescription nutrition

t: 03333 239 230 e: enquiries@originfertilisers.co.uk www.originfertilisers.co.uk    @originfert