



Roxburghshire Nutrient Network

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Sulphur trials



A number of trials currently being undertaken including:-

- Small scale trial at Feorlig on Skye
- Larger scale trial at Aberdeen funded by CF Fertilisers .

The main aim is to monitor effect on grass protein content.
 However, effect on grass yield also monitored.



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Feorlig, Skye




AERATION	None	AERATION	None	AERATION	None
↓		↓		↓	


	SULPHUR CONTAINING FERTILISER
←	No sulphur
	SULPHUR CONTAINING FERTILISER
←	No sulphur
	SULPHUR CONTAINING FERTILISER
←	No sulphur



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Feorlig




- Products used :-
- 20:10:10 @ standard rate


- 24:4:4 +S @ standard rate x 0.83



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Results




Treatment	Dry Matter (g/kg)	Crude Protein (g/kg DM)	D Value % (palatability)	Grass MJ/kg (energy)	ME DM
Added Sulphur + Aeration	756	200	70.9	11.2	
Added Sulphur + No Aeration	769	209	69.6	10.9	
No Sulphur + Aeration	826	143	70.2	11	
No Sulphur + No Aeration	821	150	68.4	10.7	



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Aberdeen



- Part of a large multifactorial trial
- Sulphur application rates :-
 - 0, 20 and 60 kg/ha of SO₃

Trial ongoing, but some effects visually apparent

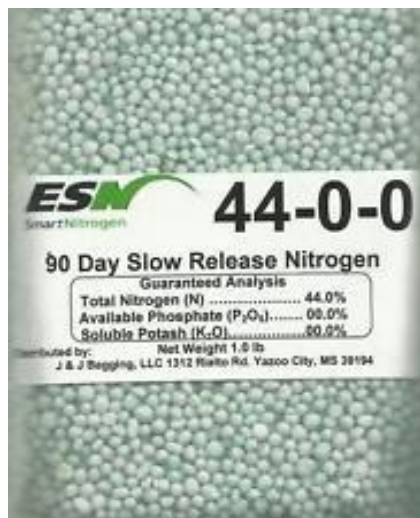
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Controlled release fertilisers



- Various products available
- Expensive
- But could be viable on high rainfall areas, particularly with free-draining soils

www.agrium.com



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Feorlig



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Waterfish




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Results




- Indicate that growth from slow release similar to ammonium nitrate up to end September
- Will monitor early spring 2018



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Any Questions

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