

## APPROVED MINERALS FOR ORGANIC SYSTEMS

### The ethos Range

The Norvite ethos is to “do the thing right” and also to “do the right thing”.

The **ethos** range of minerals and trace elements are the only organically approved mineral products manufactured in Scotland, a unique accolade. If you have chosen to be an organic producer either as a lifestyle choice or to capitalise on the fastest growing sector of the agri-food industry, Norvite can supply the right product to suit your production system. The **ethos** range is not just about a product. It comes as part of the Norvite package, a complete service which includes:

- Local Knowledge
- Local Manufacture
- Local Supply
- Local Support

The natural choice is NORVITE



Product Code	Product Name	% Ca	% P	% Salt	% Na	% Mg	mg/kg Cu	mg/kg Co	mg/kg Zn	mg/kg I	mg/kg Se
470100	<b>ethos</b> Beef Cow	18	6	18	7	10	1000	90	5000	200	30
470200	<b>ethos</b> Hi Phos	19	8	18	7	5	2000	90	5000	200	40
470300	<b>ethos</b> Magphos	15	6	20	7.5	12	1000	90	5000	200	30
470400	<b>ethos</b> Beef	25	0	23	8.5	0	1000	90	5000	200	30
470600	<b>ethos</b> Hi Mag	8	5	25	9	20	1000	90	5000	200	30
470700	<b>ethos</b> Sheep	20	5	20	7.5	5	0	90	3000	200	35
470800	<b>ethos</b> Lamb	25	0	20	8.5	0	0	90	5000	200	30

Sample Details			
Lab Reference :	16399	Date Printed :	
Sample Type :	SILAGE	Additive :	
Description :	GRASS SILAGE	Date Cut :	Cut No : 1
		Contact :	
		Company :	

Macro Minerals (%)	Analysis	Low	Standard	High
Phosphorus (P)	0.29	0.20	0.45	0.60
Magnesium (Mg)	0.18	0.15	0.25	0.50
Calcium (Ca)	0.51	0.30	0.65	1.00
Sodium (Na)	0.24	0.10	0.30	0.45
Potassium (K)	2.67	0.75	2.50	4.00
Chloride (Cl)	0.96	0.40	1.00	1.70
DCAB (meq/kg)	392	150	400	700

Micro Minerals (mg/kg)	Analysis	Low	Standard	High
Manganese (Mn)	150.0	80.0	160.0	240.0
Copper (Cu)	5.8	6.0	12.0	18.0
Copper Bio-Availability (Cu)	4.5	6.0	12.0	18.0
Zinc (Zn)	26.9	50.0	100.0	150.0
Selenium (Se)	0.10	0.10	0.15	0.20
Cobalt (Co)	0.14	0.15	0.30	0.60
Iodine (I)	0.45	0.20	1.00	2.00

Antagonists	Analysis	Low	Standard	High
Iron (Fe)(mg/kg)	289	75	175	600
Aluminium (Al)(mg/kg)	146	50	150	350
Molybdenum (Mo)(mg/kg)	1.47	0.25	2.00	5.00
Sulphur (S)(%)	0.2	0.1	0.3	0.5
Lead (Pb)(mg/kg)	0.3	0.5	1.5	3.0

- Balanced trace elements
- Highly palatable
- Bespoke specifications available
- Simplified derogation process
- Manufactured in Scotland
- Derogation for weatherproofing granted on all Norvite minerals



This forage mineral analysis represents the mean of all grass samples from the north of Scotland in one season. Trace element levels are very low. This is compounded by high antagonists which further reduce availability. Supplementation is essential to avoid deficiency and promote animal health and well-being.

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### The ethos Range

**Overall.** A professional nutritional package for the organic sector.


**Rationing.** Team of specialist nutritionists to formulate bespoke diets.

**Green credentials.** Local manufacture & supply reduces food miles. First  mobile mill approved in Scotland

**Analysis.** Nutrient and mineral profiling of forages and feeds.

**Norvite Minerals.** Approved for Cattle, Sheep, Pigs & Poultry. Manufactured in Scotland to the highest standards.

**Information.** Sound advice through our organic network.

**Compounds.** Manufactured by our  mobile mills as well as merchant brands.

The natural choice is NORVITE



The distinctive geology of Scotland  
affects mineral availability



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