



# Forage Analysis Report



Sample ID:

Analysis (Dry Matter Basis)		Result	Low	Normal	High	Typical Range
Dry Matter	%	34.7				20.0 - 40.0
Ash	%	6.7				5.0 - 10.0
Silage Intake	kgs DMI	12.6				10.0 - 14.0

### Fermentation

pH		4.10				3.8 - 4.2
Lactic Acid	g/kg	46.4				50.0 - 120.0
VFA's	g/kg	11.3				50.0 - 100.0
PAL	meq/kg	793.8				700.0 - 1200.0

### Protein Supply

Crude Protein F	%	14.8				11.0 - 18.0
Ammonia	%	4.3				3.0 - 6.0
PDIN (from N)	g/Kg	87.4				60.0 - 100.0
PDIE (from energy)	g/Kg	97.6				50.0 - 75.0
PDIA	g/Kg	26.8				20.0 - 40.0

sN 0.58

aN 0.68

bN 0.23

cN 0.079

sDM 0.22

aDM 0.32

bDM 0.51

cDM 0.036

### Energy Supply

DMD	%	73.2				64.0 - 80.0
ME	Mj/Kg	10.9				10.3 - 11.8
UFL	per kg	0.83				0.65 - 0.90
NDF	%	44.8				45.0 - 58.0
ADF	%	28.4				30.0 - 40.0
Sugar	%	5.0				1.0 - 8.0

This analysis was undertaken using NIRS. It represents only the sample received and should only be used as a guide to overall quality.

Note: Dry Matters of over 20% result in more accurate NIR analysis of the Sample.

TARGET SILAGE DRY MATTER DIGESTIBILITY	
DMD%	TYPE OF LIVESTOCK
66%	Dry Suckler Cows
68%	Dry Dairy Cow (Good BCS)
70%	Dry Dairy Cow (Poor BCS)
72%	Dairy Young Stock + Growing Cattle
74%	Spring Calving Cows in Milk
75%+	Fresh Autumn Calving Dairy Cows

### For Further information contact your local FARM COMMERCIAL SPECIALIST

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