

Massey Feeds Dairy Management Services

Name: OFFICE
 Address: Cranage Mill
 Holmes Chapel
 Cheshire
 Postcode: CW\$ 8EE

Farmer 2007
 Farm GRASS SILAGE
 Details AVERAGE
 Lab Ref No 10000
 Silage Type Grass Silage
 Cut Number 0

Analysis	Result	Low	Normal	High	Target	
Dry Matter ^{FAA}	%	27.8	18.0 - 24.0	24.0 - 30.0	30.0 - 36.0	Green
Ash ^{FAA}	%	8.1	0.0 - 5.0	5.0 - 10.0	10.0 - 15.0	Green
Intake Factor ^{FAA}		106.2	70.0 - 90.0	90.0 - 110.0	110.0 - 130.0	Red

Protein Supply

Crude Protein ^{FAA}	%	13.3	10.0 - 13.0	13.0 - 16.0	16.0 - 19.0	Green
NH3-N of tot N ^{FAA}	%	4.5	0.0 - 5.0	5.0 - 10.0	10.0 - 15.0	Blue
MPE	g/kg	88.0	70.0 - 85.0	85.0 - 100.0	100.0 - 115.0	Red
MPN	g/kg	88.7	80.0 - 95.0	95.0 - 110.0	110.0 - 125.0	Green
MPB	g/kg	37.3	20.0 - 30.0	30.0 - 40.0	40.0 - 50.0	Red

sN 0.546 aN 0.682 bN 0.240 cN 0.037

Fermentation

pH ^{FAA}		4.2	3.6 - 4.0	4.0 - 4.4	4.4 - 4.8	Green
Lactic Acid ^{FAA}	g/kg	69.9	0.0 - 50.0	50.0 - 100.0	100.0 - 150.0	Green
VFA's ^{FAA}	g/kg	19.7	0.0 - 20.0	20.0 - 40.0	40.0 - 60.0	Green
PAL ^{FAA}	meq/kg	908.0	400.0 - 800.0	800.0 - 1200.0	1200.0 - 1600.0	Blue
RSV ^{FAA}		262.0	100.0 - 200.0	200.0 - 300.0	300.0 - 400.0	Green

Energy Supply

D' Value ^{FAA}	%	67.6	56.0 - 64.0	64.0 - 72.0	72.0 - 80.0	Red
ME ^{FAA}	MJ/kg	10.8	9.6 - 10.4	10.4 - 11.2	11.2 - 12.0	Red
ADF ^{FAA}	g/kg	287.1	280.0 - 320.0	320.0 - 360.0	360.0 - 400.0	Green
NDF ^{FAA}	g/kg	471.8	350.0 - 450.0	450.0 - 550.0	550.0 - 650.0	Green
Sugar ^{FAA}	g/kg	48.6	0.0 - 20.0	20.0 - 40.0	40.0 - 60.0	Green

sDM 0.294 aDM 0.369 bDM 0.480 cDM 0.040

Comments

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

Signed

Nigel Chew

14/07/2007

