

Massey Feeds Dairy Management Services

MASSEY FEEDS



Farmer Name: Grass Silage Average
 Farm: 2009/2010
 Forage Type: Grass Silage
 Additive:
 Details: All Samples
 Date: 20-May-10

Lab Ref No: 99999
 Massey Contact: Office

Analysis	Result	Low	Typical	High	Target
Dry Matter ^{FAA}	% 30.1	18.0	24.0	30.0	36.0
Ash ^{FAA}	% 8.0	0.0	5.0	10.0	15.0
Intake Factor ^{FAA}	g/kg ^{0.75} 97.3	70.0	90.0	110.0	130.0

Energy Supply

D' Value ^{FAA}	% 64.0	56.0	64.0	72.0	80.0
ME ^{FAA}	MJ/kg 10.2	9.6	10.4	11.2	12.0
NDF ^{FAA}	% 49.7	35.0	45.0	55.0	65.0
ADF ^{FAA}	% 31.2	28.0	32.0	36.0	40.0
Sugar ^{FAA}	% 3.8	0.0	2.0	4.0	6.0
Oil ^{FAA}	% 3.8	1.5	3.0	4.5	6.0

Protein Supply

Crude Protein ^{FAA}	% 12.8	10.0	13.0	16.0	19.0
NH ₃ -N of tot N ^{FAA}	% 5.0	0.0	5.0	10.0	15.0
MPB	g/kg 29.7	20.0	30.0	40.0	50.0
MPN	g/kg 87.9	60.0	80.0	100.0	120.0
MPE	g/kg 79.9	60.0	70.0	80.0	90.0

sN 0.580 aN 0.680 bN 0.230 cN 0.079
 sDM 0.270 aDM 0.340 bDM 0.570 cDM 0.036

Fermentation Characteristics

pH ^{FAA}	4.2	3.6	4.0	4.4	4.8
Lactic Acid ^{FAA}	g/kg 70.3	0.0	50.0	100.0	150.0
VFA's ^{FAA}	g/kg 21.9	0.0	20.0	40.0	60.0
PAL ^{FAA}	meq/kg 877.1	400.0	800.0	1200.0	1600.0
RSV	280.8	100.0	200.0	300.0	400.0

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

