

Massey Feeds Dairy Management Services

MASSEY FEEDS



Farmer Name: Massey Bros.
 Farm: Cranage Mills
 Forage Type: Grass Silage
 Additive: 0
 Details: Grass Silage Average 09/10 Lab Ref No: 99999
 Date: 07-Jan-10 Massey Contact: Office

Analysis	Result	Low	Typical	High	Target	
Dry Matter ^{FAA}	%	30.1	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	Blue
Intake Factor ^{FAA}	g/kg ^{0.75}	96.8	70.0 - 90.0	90.0 - 110.0	110.0 - 130.0	Red

Energy Supply

D' Value ^{FAA}	%	63.9	56.0 - 64.0	64.0 - 72.0	72.0 - 80.0	Red
ME ^{FAA}	MJ/kg	10.2	9.6 - 10.4	10.4 - 11.2	11.2 - 12.0	Red
NDF ^{FAA}	%	49.7	35.0 - 45.0	45.0 - 55.0	55.0 - 65.0	Green
ADF ^{FAA}	%	31.2	28.0 - 32.0	32.0 - 36.0	36.0 - 40.0	Green
Sugar ^{FAA}	%	3.9	0.0 - 2.0	2.0 - 4.0	4.0 - 6.0	Green
Oil ^{FAA}	%	3.8	1.5 - 3.0	3.0 - 4.5	4.5 - 6.0	Green

Protein Supply

Crude Protein ^{FAA}	%	12.8	10.0 - 13.0	13.0 - 16.0	16.0 - 19.0	Green
NH ₃ -N of tot N ^{FAA}	%	5.0	0.0 - 5.0	5.0 - 10.0	10.0 - 15.0	Blue
MPB	g/kg	29.6	20.0 - 30.0	30.0 - 40.0	40.0 - 50.0	Red
MPN	g/kg	87.8	60.0 - 80.0	80.0 - 100.0	100.0 - 120.0	Green
MPE	g/kg	80.0	60.0 - 70.0	70.0 - 80.0	80.0 - 90.0	Red

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	4.0 - 4.4	4.4 - 4.8	Green
Lactic Acid ^{FAA}	g/kg	69.6	0.0 - 50.0	50.0 - 100.0	100.0 - 150.0	Green
VFA's ^{FAA}	g/kg	21.6	0.0 - 20.0	20.0 - 40.0	40.0 - 60.0	Green
PAL ^{FAA}	meq/kg	877.2	400.0 - 800.0	800.0 - 1200.0	1200.0 - 1600.0	Blue
RSV		280.9	100.0 - 200.0	200.0 - 300.0	300.0 - 400.0	Red

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

