

DATE PROCESSED: 01/27/2009

SAMPLE NUMBER: 01/27/09

SAMPLE TYPE: ALFALFA HAY WITH DCAD &amp; INVITRO

SAMPLE ID: LC8

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## ANALYSIS

	AS RECEIVED BASIS	90% DRY BASIS	100% DRY BASIS
MOISTURE, %	9.4	10.0	0.0
DRY MATTER, %	90.6	90.0	100.0
CRUDE PROTEIN, %	20.4	20.2	22.5
ACID DET. FIBER, %	26.2	26.0	26.9
NEUT. DET. FIBER, %	32.6	32.4	36.0
LIGNIN, %	4.3	4.8	5.4
IVTD 30hr, %DM			80.3
NDFD 30hr, %DMF			46.9
**TDM, %WESTERN EQU.	54.90	54.57	60.63
ME/LACT, MCAL/LB	0.56		0.62
ME/MAINT, MCAL/LB	0.95		0.60
ME/GAIN, MCAL/LB	0.31		0.34
RFV			172
Calcium, %	1.38		1.52
Phosphorus, %	0.20		0.22
Magnesium, %	0.35		0.39
Potassium, %	2.11		2.33
Sodium, %	0.13		0.14
Sulfur, %	0.44		0.49
Chloride, %	0.80		0.88
DCAD meq/Kg			106

## Quick Summary on 90% basis

DM	PRO	**TDM western hay	ADF
90.6	20.2	54.57	26.0

NFTA CERTIFIED

\*\*TDM IS CALCULATED USING ADF AND THE WESTERN ALFALFA EQUATION