

A L F A L F A A N A L Y S I S R E P O R T

Method		<u>DM Basis</u>	<u>90% DM basis</u>	<u>Range(DM)</u>
<u>Wet Chemistry</u>				
Dry matter	%	88.8		86.1 - 90.6
Moisture	%	11.2		
Crude protein	% DM	22.7	20.4	19.3 - 23.9
ADF	% DM	25.3	22.8	24.5 - 32.5
NDF	% DM	31.9	28.7	30.2 - 39.0
Ca	% DM	1.68	1.51	1.26 - 1.84
P	% DM	0.34	0.31	0.21 - 0.31
Mg	% DM	0.32	0.29	0.23 - 0.41
K	% DM	2.24	2.02	1.80 - 2.90
Na	% DM	0.02	0.02	0.08 - 0.34
<u>NIR</u>				
NDF 30 hr digest	% NDF	43.1		38.6 - 46.1
NDF 48 hr digest	% NDF	48.0		40.8 - 50.0
Fat	% DM	3.0	2.7	2.3 - 3.0
Sugar	% DM	7.8	7.0	5.4 - 8.1
Starch	% DM	3.5	3.1	1.4 - 2.5
Ash	% DM	12.6	11.3	9.3 - 13.8
ADF protein	% DM	1.2	1.1	1.0 - 1.6
NDF protein	% DM	2.6	2.4	1.9 - 3.5
<u>Calculated</u>				
Rel feed value (RFV)		202		153 - 214
Rel feed qual (RFQ)		205		139 - 203
TDN (OARDC)	% DM	62.2	56.0	58.9 - 66.6
NEL (" ")	Mcal/lb	0.64	0.58	0.61 - 0.69
NEM (" ")	Mcal/lb	0.63	0.56	0.57 - 0.69
NEG (" ")	Mcal/lb	0.36	0.33	0.32 - 0.42
TDN (WSE)	% DM	63.4	57.0	
Lignin/NDF	%	18.0		16.4 - 19.0
NFC	% DM	32.5	29.3	26.0 - 34.7
Adj crude protein	% DM	22.7	20.4	

JOHN JONES	Sample	: ALFALFA HAY 3RD CUT		
BRIDGEWATER NUTRITIONAL SERVICES	farm name	: LONE OAK JERS	Amount	: 355 grams
21340 OLD NATIONAL PIKE	Sampled	: 8/29/2006	Cutting	: 3
BRIDGEWATER VA 22678	Received	: 8/31/2006	Cut cycle	: 23
	Complete	: 9/1/2006		