



To: Ashley Wurzel
E3695 Johnson Ln.
Genoa, WI 54632

Account No.: 10379 (0)
Sampled By: Ashley Wurzel
Sampled For: ASHLEY WURZEL

Product: Harvestore haylage 3rd

Test Mode: N9M7
Feed Type: Haylage - Mixed
Sub Type: Mixed

Moisture	27.34%
Dry Matter	72.66%
pH	5.38

Mixed haylage statistics provided for comparison.

		<u>Dry Basis</u>	<u>Median</u>	<u>90% Range</u>
Crude Protein	%DM	18.07	20.44	15.18 - 24.29
AD-ICP % of CP	%CP	13.73	8.22	5.02 - 13.72
ND-ICP w/SS	%CP	30.33		
Protein Sol.	%CP	34.14	53.60	34.16 - 65.64
Ammonia-CP	%CP	4.57	5.63	1.82 - 12.33
ADF	%DM	31.34	33.69	27.56 - 41.53
aNDF	%DM	44.09	41.38	33.64 - 52.21
aNDFom	%DM	42.53	38.36	30.72 - 48.82
Lignin	%NDFom	12.30		
NDFD12	%NDFom	43.90	38.60	31.30 - 46.10
NDFD 24	%NDFom	52.50	41.03	29.87 - 53.66
NDFD 30	%NDFom	55.89	46.28	36.32 - 57.89
NDFD240	%NDFom	69.27	55.56	45.32 - 70.42
uNDFom12	%DM	23.86	25.00	19.60 - 33.50
uNDFom24	%DM	20.20	22.01	15.78 - 30.14
uNDFom30	%DM	18.76	20.29	14.63 - 27.82
uNDFom240	%DM	13.07	17.73	11.37 - 25.80
Sugar (ESC)	%DM	5.41	3.30	1.11 - 8.06
Sugar (WSC)	%DM	10.11	4.10	1.46 - 8.94
Starch	%DM	1.95	1.70	0.20 - 3.96
Fat (EE)	%DM	2.50	3.31	2.32 - 4.32
TFA (fat)	%DM	1.32	1.62	1.02 - 2.92
16:0 Palmitic	%TFA	22.73	25.16	20.93 - 32.90
18:0 Stearic	%TFA	4.55	4.64	3.55 - 7.14
18:1 Oleic	%TFA	6.82	4.11	2.81 - 7.62
18:2 Linoleic	%TFA	25.76	24.25	20.67 - 30.56
18:3 Linolenic	%TFA	38.64	40.38	21.61 - 48.35
Ash	%DM	9.53	11.02	8.71 - 14.29
Calcium	%DM	1.59	1.26	0.85 - 1.55
Phosphorus	%DM	0.55	0.36	0.29 - 0.43
Magnesium	%DM	0.53	0.31	0.23 - 0.40
Potassium	%DM	2.87	2.81	2.05 - 3.51
Sulfur	%DM	0.27	0.25	0.18 - 0.33



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Sodium	%DM	0.03	0.06	0.03 - 0.12
Chloride	%DM	0.49	0.53	0.17 - 1.17
Zinc	ppm	57.00	34.00	23.00 - 62.30
Iron	ppm	978.00	301.00	128.65 - 95250
Manganese	ppm	88.00	38.00	19.85 - 87.45
Copper	ppm	13.00	12.00	7.00 - 23.30
Boron	ppm	27.00	37.00	21.05 - 57.00
Aluminum	ppm	888.00	183.00	39.85 - 72650
Lactic Acid	%DM	<0.01	3.45	0.34 - 6.51
Acetic Acid	%DM	<0.01	0.96	0.11 - 3.31
Propionic Acid	%DM	0.20	0.28	0.13 - 0.42
Butyric Acid	%DM	0.10	0.23	0.02 - 0.93

Calculations

NFC	%DM	33.03	
NSC	%DM	12.06	
RFV		135.98	
RFQ		156.13	
DCAD	mEq/100g	44.21	
NDF kd rate MIR_P1	%/hr	5.81	
Adjusted Crude Protein	%DM	16.99	

		<u>ADF</u>	<u>OARDC</u>	<u>MLK 2013</u>
TDN	%DM	64.49	60.97	65.84
Nel 3x	Mcal/cwt	66.44	62.44	65.63
Neg	Mcal/cwt	31.99	37.29	44.01
Nem	Mcal/cwt	57.86	63.71	71.19
Milk per ton	lbs/ton			3043

Billing Information

Sampled By: Ashley Wurzel
Sampled For: ASHLEY WURZEL
Product: Harvestore haylage 3rd

Reference: 945866
Date: 2022-03-01
Sample No.: 001-2203-597665