

GALUSHA FARMS
27W 271 GALUSHA RD
WARRENVILLE IL 60555

ACCOUNT NO: 36571
SALESMAN: PHILLIP MONSON

=====		SAMPLE NO.	=====		DATE ANALYZED	=====
HAY M2HEG1122 S145		1524581			08/01/19	
=====						
MOISTURE	13.63%	DRY MATTER	86.37%	HEM		23.36%
CRUDE PROT	11.89%	CALCIUM	0.42%	SUGARS		
SOLUBLE PROT	20.97%	PHOSPHORUS	0.31%	FRUCTOSE		3.22%
		MAGNESIUM	0.25%	GLUCOSE		2.50%
		POTASSIUM	2.40%	SUCROSE		1.15%
ADF	34.25%	CHLORIDE	0.63%	MANNITOL		0.20%
NDF	57.61%	SULFUR	0.24%			
		SODIUM	0.00%			
ADIP (HD)	0.91%					
LIGNIN	3.88%	ZINC	24 PPM			
		COPPER	6 PPM			
FAT	2.70%	IRON	606 PPM			
STARCH	3.47%	MANGANESE	65 PPM			
ASH	8.81%					
CALCULATIONS						
IVDMD	66.45%	NFC	23.34			
NDFD-30	58.20%	NEL	0.66 MCAL/LB			
		NEM	0.56 MCAL/LB			
NITRATE-N PPM	131	NEG	0.31 MCAL/LB			
		TDN	64			
		RFV	100			
		RFQ	131.1			
NSC	10.34					

ALL VALUES, EXCEPT MOISTURE, ARE ON A 100% DRY MATTER BASIS.



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=====		SAMPLE NO.	=====		DATE ANALYZED	=====
HAY GM2WIP111 851CL		1524582			08/01/19	
=====						
MOISTURE	12.07%	DRY MATTER	87.94%	HEM	25.69%	
CRUDE PROT	12.16%	CALCIUM	0.48%	SUGARS		
SOLUBLE PROT	17.41%	PHOSPHORUS	0.27%	FRUCTOSE	2.38%	
		MAGNESIUM	0.25%	GLUCOSE	1.78%	
		POTASSIUM	2.19%	SUCROSE	0.90%	
ADF	37.65%	CHLORIDE	0.82%	MANNITOL	0.17%	
NDF	63.34%	SULFUR	0.21%			
		SODIUM	0.01%			
ADIP (HD)	1.06%					
LIGNIN	5.07%	ZINC	23 PPM			
		COPPER	7 PPM			
FAT	2.45%	IRON	115 PPM			
STARCH	2.34%	MANGANESE	111 PPM			
ASH	6.68%					
		CALCULATIONS				
IVDMD	60.46%	NFC	20.54			
NDFD-30	53.19%	NEL	0.62	MCAL/LB		
		NEM	0.50	MCAL/LB		
NITRATE-N PPM	46	NEG	0.25	MCAL/LB		
		TDN	60			
		RFV	87			
		RFQ	118.9			
NSC	7.389					

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=====		SAMPLE NO.	=====	DATE ANALYZED	=====
HAY OAT S J NEW SEED		1524583		08/01/19	
=====					
MOISTURE	10.03%	DRY MATTER	89.97%	HEM	27.02%
CRUDE PROT	8.29%	CALCIUM	0.33%	SUGARS	
SOLUBLE PROT	12.59%	PHOSPHORUS	0.26%	FRUCTOSE	1.29%
		MAGNESIUM	0.17%	GLUCOSE	1.43%
		POTASSIUM	1.11%	SUCROSE	0.86%
ADF	43.98%	CHLORIDE	0.18%	MANNITOL	0.07%
NDF	71.00%	SULFUR	0.13%		
		SODIUM	0.01%		
ADIP (HD)	1.12%				
LIGNIN	6.28%	ZINC	30 PPM		
		COPPER	4 PPM		
FAT	1.67%	IRON	272 PPM		
STARCH	4.95%	MANGANESE	47 PPM		
ASH	5.53%				
		CALCULATIONS			
IVDMD	49.21%	NFC	17.08		
NDFD-30	42.18%	NEL	0.54	MCAL/LB	
		NEM	0.39	MCAL/LB	
NITRATE-N PPM	18	NEG	0.15	MCAL/LB	
		TDN	53		
		RFV	71		
		RFQ	79.0		
NSC	8.53				

ALL VALUES, EXCEPT MOISTURE, ARE ON A 100% DRY MATTER BASIS.

