

Laboratory #:
376143

TEST REPORT

Submitted By:		
Legend Seed	Phone #:	204-331-3696
915 Navigator Rd	Fax #:	
Winkler, MB R6W 4B1	Date Received:	September 29, 2015
Attn: Maik Kort	Date Printed:	September 30, 2015

Client: ELIE Package #: MCCNIR
Product: FORAGE Complete
Description: CORN SILAGE Sample #:
LR9676VT2PRIB
Arrival Condition: Sample Intact

Analysis:	AS RECEIVED	DRY MATTER
Moisture (%) (test date 9/30/2015)	61.37	
Dry Matter (%) (test date 9/30/2015)	38.63	
Crude Protein (%) (test date 9/30/2015)	2.73	7.06
Insoluble Protein (%) (test date 9/30/2015)	1.58	4.10
Soluble Protein (%) (test date 09/30/2015)	1.14	2.96
Fat (%) (test date 9/30/2015)	0.74	1.92
Ash (%) (test date 9/30/2015)	0.80	2.06
Lignin (%) (test date 9/30/2015)	2.73	7.08
Acid Detergent Fibre (%) (test date 9/30/2015)	11.80	30.54
Neutral Detergent Fibre (%) (test date 9/30/2015)	20.03	51.86
ADI-CP (%) (test date 9/30/2015)	0.21	0.54
NDI-CP (%) (test date 9/30/2015)	0.25	0.65
ADIN (% Crude Protein) (%) (test date 9/30/2015)	7.67	7.67
NDIN (% Crude Protein) (%) (test date 9/30/2015)	9.14	9.14
Invtdmd (Invitro True Digestibility 48Hr) (%) (test date 9/30/2015)	88.11	69.21
NDFD (Neutral Detergent Fibre Digestibility 48Hr) (%) (test date 9/30/2015)	14.29	36.98
Adjusted Crude Protein (%) (test date 09/30/2015)	2.79	7.06
Digestible Protein (%) (test date 09/30/2015)	2.14	5.55
Starch (%) (test date 9/30/2015)	6.24	16.17
Non Fibre Carbohydrates (%) (test date 09/30/2015)	11.70	30.28
Total Digestible Nutrients (%) (test date 09/30/2015)	25.50	66.01
Metabolizable Energy (Mcal/kg) (test date 09/30/2015)	0.93	2.42
Net Energy for Lactation (Mcal/kg) (test date 09/30/2015)	0.58	1.50
Digestible Energy (Mcal/kg) (test date 09/30/2015)	1.12	2.91
Net Energy for Maintenance (Mcal/kg) (test date 09/30/2015)	0.59	1.54
Net Energy for Gain (Mcal/kg) (test date 09/30/2015)	0.36	0.94
Relative Feed Value (test date 09/30/2015)		117
Relative Forage Quality (test date 09/30/2015)		101

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Winkler, MB R6W 4B1		Date Printed:	September 30, 2015
Attn: Maik Kort			

Client: ELIE **Package #:** MCCNIR
Product: FORAGE **Complete**
Description: CORN SILAGE **Sample #:**
 EXPERIMENTAL GT
Arrival Condition: Sample Intact

Analysis:	AS RECEIVED	DRY MATTER
Moisture (%) (test date 9/30/2015)	62.44	
Dry Matter (%) (test date 9/30/2015)	37.56	
Crude Protein (%) (test date 9/30/2015)	2.78	7.39
Insoluble Protein (%) (test date 9/30/2015)	1.23	3.29
Soluble Protein (%) (test date 09/30/2015)	1.54	4.11
Fat (%) (test date 9/30/2015)	0.79	2.11
Ash (%) (test date 9/30/2015)	1.00	2.67
Lignin (%) (test date 9/30/2015)	1.88	5.00
Acid Detergent Fibre (%) (test date 9/30/2015)	8.10	21.57
Neutral Detergent Fibre (%) (test date 9/30/2015)	14.29	38.06
ADI-CP (%) (test date 9/30/2015)	0.08	0.22
NDI-CP (%) (test date 9/30/2015)	0.13	0.35
ADIN (% Crude Protein) (%) (test date 9/30/2015)	2.95	2.95
NDIN (% Crude Protein) (%) (test date 9/30/2015)	4.78	4.78
Invtdmd (Invitro True Digestibility 48Hr) (%) (test date 9/30/2015)	90.94	75.86
NDFD (Neutral Detergent Fibre Digestibility 48Hr) (%) (test date 9/30/2015)	11.35	30.23
Adjusted Crude Protein (%) (test date 09/30/2015)	2.97	7.39
Digestible Protein (%) (test date 09/30/2015)	2.32	6.19
Starch (%) (test date 9/30/2015)	10.57	28.14
Non Fibre Carbohydrates (%) (test date 09/30/2015)	16.43	43.74
Total Digestible Nutrients (%) (test date 09/30/2015)	28.39	75.60
Metabolizable Energy (Mcal/kg) (test date 09/30/2015)	1.04	2.76
Net Energy for Lactation (Mcal/kg) (test date 09/30/2015)	0.65	1.74
Digestible Energy (Mcal/kg) (test date 09/30/2015)	1.25	3.33
Net Energy for Maintenance (Mcal/kg) (test date 09/30/2015)	0.69	1.83
Net Energy for Gain (Mcal/kg) (test date 09/30/2015)	0.45	1.20
Relative Feed Value (test date 09/30/2015)		176
Relative Forage Quality (test date 09/30/2015)		146

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Winkler, MB R6W 4B1	Date Received:	September 29, 2015
Attn: Maik Kort	Date Printed:	September 30, 2015

Client: ELIE Package #: MCCNIR
Product: FORAGE Complete
Description: CORN SILAGE Sample #:
LR9376RR
Arrival Condition: Sample Intact

Analysis:	AS RECEIVED	DRY MATTER
Moisture (%) (test date 9/30/2015)	66.06	
Dry Matter (%) (test date 9/30/2015)	33.94	
Crude Protein (%) (test date 9/30/2015)	2.34	6.89
Insoluble Protein (%) (test date 9/30/2015)	1.22	3.60
Soluble Protein (%) (test date 09/30/2015)	1.12	3.29
Fat (%) (test date 9/30/2015)	0.67	1.99
Ash (%) (test date 9/30/2015)	1.05	3.11
Lignin (%) (test date 9/30/2015)	2.05	6.04
Acid Detergent Fibre (%) (test date 9/30/2015)	8.85	26.07
Neutral Detergent Fibre (%) (test date 9/30/2015)	15.09	44.47
ADI-CP (%) (test date 9/30/2015)	0.10	0.29
NDI-CP (%) (test date 9/30/2015)	0.10	0.29
ADIN (% Crude Protein) (%) (test date 9/30/2015)	4.25	4.25
NDIN (% Crude Protein) (%) (test date 9/30/2015)	4.25	4.25
Invitro True Digestibility 48Hr (%) (test date 9/30/2015)	90.79	72.87
NDFD (Neutral Detergent Fibre Digestibility 48Hr) (%) (test date 9/30/2015)	11.47	33.81
Adjusted Crude Protein (%) (test date 09/30/2015)	2.47	6.89
Digestible Protein (%) (test date 09/30/2015)	1.95	5.75
Starch (%) (test date 9/30/2015)	7.33	21.60
Non Fibre Carbohydrates (%) (test date 09/30/2015)	12.84	37.84
Total Digestible Nutrients (%) (test date 09/30/2015)	24.02	70.78
Metabolizable Energy (Mcal/kg) (test date 09/30/2015)	0.88	2.59
Net Energy for Lactation (Mcal/kg) (test date 09/30/2015)	0.55	1.62
Digestible Energy (Mcal/kg) (test date 09/30/2015)	1.06	3.12
Net Energy for Maintenance (Mcal/kg) (test date 09/30/2015)	0.57	1.69
Net Energy for Gain (Mcal/kg) (test date 09/30/2015)	0.36	1.07
Relative Feed Value (test date 09/30/2015)		143
Relative Forage Quality (test date 09/30/2015)		121