

Laboratory #:
376148

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:	October 06, 2015

Client: KELBURN 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)	54.18	
Dry Matter (%) (test date 9/30/2015)	45.82	
Crude Protein (%) (test date 9/30/2015)	2.92	6.36
Insoluble Protein (%) (test date 9/30/2015)	1.21	2.65
Soluble Protein (%) (test date 10/06/2015)	1.70	3.71
Fat (%) (test date 9/30/2015)	0.97	2.11
Ash (%) (test date 9/30/2015)	0.66	1.43
Lignin (%) (test date 9/30/2015)	2.65	5.79
Acid Detergent Fibre (%) (test date 10/2/2015)	11.01	24.04
Neutral Detergent Fibre (%) (test date 10/5/2015)	19.41	42.37
ADI-CP (%) (test date 10/5/2015)	1.05	2.28
NDI-CP (%) (test date 10/5/2015)	1.13	2.48
ADIN (% Crude Protein) (%) (test date 10/5/2015)	35.88	35.88
NDIN (% Crude Protein) (%) (test date 10/5/2015)	38.92	38.92
Invtdmd (Invitro True Digestibility 48Hr) (%) (test date 9/30/2015)	86.98	71.58
Adjusted Crude Protein (%) (test date 10/06/2015)	2.16	4.72
Digestible Protein (%) (test date 10/06/2015)	1.30	2.84
Starch (%) (test date 9/30/2015)	11.82	25.79
Non Fibre Carbohydrates (%) (test date 10/06/2015)	18.54	40.46
Total Digestible Nutrients (%) (test date 10/06/2015)	33.43	72.95
Metabolizable Energy (Mcal/kg) (test date 10/06/2015)	1.22	2.67
Net Energy for Lactation (Mcal/kg) (test date 10/06/2015)	0.77	1.67
Digestible Energy (Mcal/kg) (test date 10/06/2015)	1.47	3.22
Net Energy for Maintenance (Mcal/kg) (test date 10/06/2015)	0.80	1.75
Net Energy for Gain (Mcal/kg) (test date 10/06/2015)	0.52	1.13
Relative Feed Value (test date 10/06/2015)		154
Relative Forage Quality (test date 10/06/2015)		70

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TEST REPORT

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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: KELBURN Package #: MCCNIR
Product: FORAGE Complete
Description: CORN SILAGE Sample #:
LR9579RR
Arrival Condition: Sample Intact

Analysis:	AS RECEIVED	DRY MATTER
Moisture (%) (test date 9/30/2015)	63.72	
Dry Matter (%) (test date 9/30/2015)	36.28	
Crude Protein (%) (test date 9/30/2015)	2.28	6.27
Insoluble Protein (%) (test date 9/30/2015)	1.38	3.79
Soluble Protein (%) (test date 09/30/2015)	0.90	2.48
Fat (%) (test date 9/30/2015)	0.56	1.54
Ash (%) (test date 9/30/2015)	0.80	2.21
Lignin (%) (test date 9/30/2015)	2.94	8.12
Acid Detergent Fibre (%) (test date 9/30/2015)	12.70	35.01
Neutral Detergent Fibre (%) (test date 9/30/2015)	20.52	56.57
ADI-CP (%) (test date 9/30/2015)	0.18	0.50
NDI-CP (%) (test date 9/30/2015)	0.32	0.88
ADIN (% Crude Protein) (%) (test date 9/30/2015)	7.97	7.97
NDIN (% Crude Protein) (%) (test date 9/30/2015)	13.95	13.95
Invtdmd (Invitro True Digestibility 48Hr) (%) (test date 9/30/2015)	86.82	63.66
NDFD (Neutral Detergent Fibre Digestibility 48Hr) (%) (test date 9/30/2015)	15.68	43.21
Adjusted Crude Protein (%) (test date 09/30/2015)	2.32	6.27
Digestible Protein (%) (test date 09/30/2015)	1.84	5.06
Starch (%) (test date 9/30/2015)	3.87	10.68
Non Fibre Carbohydrates (%) (test date 09/30/2015)	9.56	26.36
Total Digestible Nutrients (%) (test date 09/30/2015)	22.21	61.23
Metabolizable Energy (Mcal/kg) (test date 09/30/2015)	0.81	2.24
Net Energy for Lactation (Mcal/kg) (test date 09/30/2015)	0.50	1.38
Digestible Energy (Mcal/kg) (test date 09/30/2015)	0.98	2.70
Net Energy for Maintenance (Mcal/kg) (test date 09/30/2015)	0.50	1.37
Net Energy for Gain (Mcal/kg) (test date 09/30/2015)	0.29	0.79
Relative Feed Value (test date 09/30/2015)		101
Relative Forage Quality (test date 09/30/2015)		100



CTL-TRT Rev 1.0 Revised: August 28, 2015

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Laboratory #:
376149

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: KELBURN 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)	62.16	
- Dry Matter (%) (test date 9/30/2015)	37.84	
- Crude Protein (%) (test date 9/30/2015)	2.51	6.64
Insoluble Protein (%) (test date 9/30/2015)	1.16	3.06
- Soluble Protein (%) (test date 09/30/2015)	1.36	3.58
- Fat (%) (test date 9/30/2015)	0.69	1.82
- Ash (%) (test date 9/30/2015)	0.88	2.33
- Lignin (%) (test date 9/30/2015)	2.80	7.41
- Acid Detergent Fibre (%) (test date 9/30/2015)	12.10	31.97
- Neutral Detergent Fibre (%) (test date 9/30/2015)	20.14	53.23
ADI-CP (%) (test date 9/30/2015)	0.20	0.54
NDI-CP (%) (test date 9/30/2015)	0.43	1.14
ADIN (% Crude Protein) (%) (test date 9/30/2015)	8.12	8.12
NDIN (% Crude Protein) (%) (test date 9/30/2015)	17.19	17.19
- Ivdmd (Invitro True Digestibility 48Hr) (%) (test date 9/30/2015)	87.74	67.60
NDFD (Neutral Detergent Fibre Digestibility 48Hr) (%) (test date 9/30/2015)	14.56	38.47
Adjusted Crude Protein (%) (test date 09/30/2015)	2.56	6.64
Digestible Protein (%) (test date 09/30/2015)	1.99	5.26
- Starch (%) (test date 9/30/2015)	5.22	13.81
Non Fibre Carbohydrates (%) (test date 09/30/2015)	11.10	29.32
- Total Digestible Nutrients (%) (test date 09/30/2015)	24.40	64.48
Metabolizable Energy (Mcal/kg) (test date 09/30/2015)	0.89	2.36
Net Energy for Lactation (Mcal/kg) (test date 09/30/2015)	0.55	1.46
Digestible Energy (Mcal/kg) (test date 09/30/2015)	1.08	2.84
Net Energy for Maintenance (Mcal/kg) (test date 09/30/2015)	0.56	1.48
Net Energy for Gain (Mcal/kg) (test date 09/30/2015)	0.34	0.89
- Relative Feed Value (test date 09/30/2015)		112
Relative Forage Quality (test date 09/30/2015)		100

Results are based on the sample received and liability is limited to the cost of analysis.
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Laboratory #:
376147

TEST REPORT

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

Client: KELBURN
Product: FORAGE
Description: CORN SILAGE
LR9376RR
Arrival Condition: Sample Intact

Package #: MCCNIR
Complete
Sample #:

Analysis:	AS RECEIVED	DRY MATTER
Moisture (%) (test date 9/30/2015)	62.22	
Dry Matter (%) (test date 9/30/2015)	37.78	
Crude Protein (%) (test date 9/30/2015)	2.64	6.99
Insoluble Protein (%) (test date 9/30/2015)	1.42	3.77
Soluble Protein (%) (test date 09/30/2015)	1.22	3.22
Fat (%) (test date 9/30/2015)	0.69	1.83
Ash (%) (test date 9/30/2015)	1.16	3.08
Lignin (%) (test date 9/30/2015)	2.19	5.79
Acid Detergent Fibre (%) (test date 9/30/2015)	9.43	24.97
Neutral Detergent Fibre (%) (test date 9/30/2015)	16.31	43.17
ADI-CP (%) (test date 9/30/2015)	0.09	0.25
NDI-CP (%) (test date 9/30/2015)	0.20	0.53
ADIN (% Crude Protein) (%) (test date 9/30/2015)	3.59	3.59
NDIN (% Crude Protein) (%) (test date 9/30/2015)	7.63	7.63
Invtdmd (Invitro True Digestibility 48Hr) (%) (test date 9/30/2015)	90.36	74.48
NDFD (Neutral Detergent Fibre Digestibility 48Hr) (%) (test date 9/30/2015)	11.01	29.15
Adjusted Crude Protein (%) (test date 09/30/2015)	2.81	6.99
Digestible Protein (%) (test date 09/30/2015)	2.22	5.87
Starch (%) (test date 9/30/2015)	8.46	22.41
Non Fibre Carbohydrates (%) (test date 09/30/2015)	14.75	39.04
Total Digestible Nutrients (%) (test date 09/30/2015)	27.19	71.96
Metabolizable Energy (Mcal/kg) (test date 09/30/2015)	0.99	2.63
Net Energy for Lactation (Mcal/kg) (test date 09/30/2015)	0.62	1.65
Digestible Energy (Mcal/kg) (test date 09/30/2015)	1.20	3.17
Net Energy for Maintenance (Mcal/kg) (test date 09/30/2015)	0.65	1.72
Net Energy for Gain (Mcal/kg) (test date 09/30/2015)	0.42	1.10
Relative Feed Value (test date 09/30/2015)		150
Relative Forage Quality (test date 09/30/2015)		117