



Stratford Agri Analysis

FORAGE SUMMARY BY PROVINCE 2025-2026

SASKATCHEWAN SMALL GRAIN JULY 2025- JANUARY 2026

Item	N° Samples	Mean	S.D.	Min	Max
SASKATCHEWAN – Barley silage					
Moisture, %	132	63.12	10.61	7.00	81.06
Protein (N x 6.25), %DM	132	12.99	1.66	9.91	20.57
Soluble protein, %DM	132	7.78	1.99	2.28	12.32
ADF-CP, %DM	132	0.78	0.22	0.10	1.45
NDF-CP, %DM	132	1.27	0.45	0.50	3.20
ADF, %DM	132	27.80	3.42	20.24	37.16
aNDFom, %DM	132	44.10	4.26	33.92	54.92
Lignin, %DM	132	3.76	0.95	1.63	5.84
uNDFom (12 h), %DM	88	25.82	3.55	17.74	33.42
uNDFom (30 h), %DM	88	19.86	2.58	12.74	25.11
uNDFom (120 h), %DM	88	15.23	2.21	10.32	19.85
uNDFom (240 h), %DM	132	14.46	2.36	7.76	19.82
NDFD (12 h), %NDF	88	41.39	4.27	32.28	53.11
NDFD (30 h), %NDF	88	54.67	5.38	41.13	65.88
NDFD (120 h), %NDF	88	65.11	5.53	53.40	77.69
NDFD (240 h), %NDF	132	67.06	5.29	57.03	81.17
Starch, %DM	132	12.66	6.66	0.00	25.02
ESC, %DM	88	8.01	3.61	1.19	16.00
WSC, %DM	132	9.30	3.48	2.13	18.51
Fat, %DM	132	4.04	0.70	2.50	5.90
TFA, %DM	132	1.33	0.14	0.97	1.64
Ash, %DM	132	7.95	1.98	4.39	19.03
Calcium, %DM	132	0.34	0.11	0.19	0.92
Phosphorus, %DM	132	0.26	0.06	0.14	0.43
Potassium, %DM	132	1.86	0.48	0.96	3.69
Magnesium, %DM	132	0.19	0.05	0.12	0.59
TDN _{1x} , %DM	132	64.80	3.42	54.63	72.30
NEL _{3x} , Mcal/KgDM	88	1.47	0.06	1.29	1.60
NEG, Mcal/KgDM	132	0.89	0.10	0.57	1.09
Relative Feed Quality	132	175.41	21.86	125.97	240.54
Barley greenfeed					
Moisture, %	24	12.26	2.54	7.33	16.66
Protein (N x 6.25), %DM	24	13.25	1.70	9.67	16.79
Soluble protein, %DM	24	2.00	1.57	0.64	5.37
ADF-CP, %DM	24	3.52	1.61	1.05	7.40

NDF-CP, %DM	24	24.95	14.02	1.39	46.31
ADF, %DM	24	31.73	3.68	24.42	38.57
aNDFom, %DM	24	49.31	4.73	39.45	57.57
Lignin, %DM	24	5.35	0.83	3.64	7.40
uNDFom (12 h), %DM	8	34.60	2.79	30.62	40.05
uNDFom (30 h), %DM	8	25.66	2.24	21.53	28.77
uNDFom (120 h), %DM	8	18.90	2.19	14.42	21.59
uNDFom (240 h), %DM	24	17.47	1.76	12.93	20.39
NDFD (12 h), %NDF	8	32.52	3.11	27.38	38.42
NDFD (30 h), %NDF	8	49.80	4.75	42.53	60.23
NDFD (120 h), %NDF	8	62.99	4.71	55.64	73.37
NDFD (240 h), %NDF	24	64.39	3.69	57.81	76.12
Starch, %DM	24	12.14	6.69	0.10	25.22
ESC, %DM	8	8.42	1.21	6.36	10.84
WSC, %DM	24	9.92	1.36	7.42	12.35
Fat, %DM	24	2.79	0.42	2.03	3.70
TFA, %DM	24	1.03	0.21	0.65	1.40
Ash, %DM	24	7.39	1.68	4.43	11.38
Calcium, %DM	24	0.41	0.17	0.23	0.86
Phosphorus, %DM	24	0.24	0.04	0.19	0.38
Potassium, %DM	24	1.93	0.62	0.87	3.28
Magnesium, %DM	24	0.24	0.08	0.15	0.47
TDN _{1x} , %DM	24	60.74	3.31	53.46	68.50
NEL _{3x} , Mcal/KgDM	8	1.36	0.07	1.21	1.44
NEG, Mcal/KgDM	24	0.76	0.09	0.58	0.98
Relative Feed Quality	24	161.04	19.82	129.38	201.95
Oat silage					
Moisture, %	14	56.37	9.52	41.89	72.86
Protein (N x 6.25), %DM	14	11.69	2.28	9.32	18.41
Soluble protein, %DM	14	6.50	1.97	3.19	10.24
ADF-CP, %DM	14	0.83	0.32	0.10	1.44
NDF-CP, %DM	14	1.21	0.52	0.56	2.60
ADF, %DM	14	32.49	4.23	27.63	44.70
aNDFom, %DM	14	47.95	3.99	39.57	54.94
Lignin, %DM	14	5.05	1.14	3.21	7.70
uNDFom (12 h), %DM	4	27.59	5.99	18.62	34.44
uNDFom (30 h), %DM	4	19.71	5.73	10.61	24.69
uNDFom (120 h), %DM	4	15.56	4.94	7.57	20.17
uNDFom (240 h), %DM	14	16.65	3.42	6.70	19.84
NDFD (12 h), %NDF	4	41.81	7.19	33.97	52.94
NDFD (30 h), %NDF	4	58.68	9.19	47.90	73.19
NDFD (120 h), %NDF	4	67.44	8.47	57.44	80.87
NDFD (240 h), %NDF	14	65.38	6.71	58.00	83.07
Starch, %DM	14	12.42	5.83	2.35	20.81
ESC, %DM	4	4.21	1.62	2.32	6.21
WSC, %DM	14	6.28	2.75	0.01	13.16
Fat, %DM	14	4.86	0.67	3.41	5.77
TFA, %DM	14	1.43	0.32	0.59	1.87
Ash, %DM	14	8.40	5.03	4.01	21.24
Calcium, %DM	14	0.36	0.11	0.20	0.56
Phosphorus, %DM	14	0.25	0.06	0.18	0.36
Potassium, %DM	14	2.03	0.80	0.92	3.65

Magnesium, %DM	14	0.21	0.06	0.14	0.37
TDN _{1x} , %DM	14	61.23	6.11	45.26	68.88
NEL _{3x} , Mcal/KgDM	4	1.36	0.11	1.21	1.51
NEG, Mcal/KgDM	14	0.78	0.18	0.26	1.00
Relative Feed Quality	14	149.46	19.24	104.27	186.13
<i>Oat greenfeed</i>					
Moisture, %	17	15.23	7.14	8.84	34.34
Protein (N x 6.25), %DM	17	11.87	1.72	8.71	15.13
Soluble protein, %DM	17	3.20	0.99	0.78	5.08
ADF-CP, %DM	17	1.34	0.73	0.85	4.03
NDF-CP, %DM	17	3.89	8.29	1.19	37.01
ADF, %DM	17	35.02	3.50	29.57	41.84
aNDFom, %DM	17	52.23	4.98	43.14	63.44
Lignin, %DM	17	6.31	0.95	4.70	8.97
uNDFom (12 h), %DM	2	34.67	1.32	33.35	35.99
uNDFom (30 h), %DM	2	27.45	0.99	26.46	28.44
uNDFom (120 h), %DM	2	20.95	0.74	20.21	21.69
uNDFom (240 h), %DM	17	20.14	1.73	16.62	23.50
NDFD (12 h), %NDF	2	27.13	3.45	23.68	30.58
NDFD (30 h), %NDF	2	42.30	2.62	39.69	44.92
NDFD (120 h), %NDF	2	55.97	1.96	54.00	57.93
NDFD (240 h), %NDF	17	61.23	3.69	54.34	68.92
Starch, %DM	17	12.23	5.17	0.10	19.41
ESC, %DM	2	9.34	0.00	9.34	9.34
WSC, %DM	17	8.59	1.54	5.27	11.29
Fat, %DM	17	3.45	0.60	2.25	4.58
TFA, %DM	17	1.17	0.25	0.66	1.62
Ash, %DM	17	6.92	1.53	4.27	9.71
Calcium, %DM	17	0.38	0.19	0.21	0.96
Phosphorus, %DM	17	0.20	0.05	0.13	0.31
Potassium, %DM	17	1.94	0.37	1.34	2.86
Magnesium, %DM	17	0.20	0.05	0.13	0.35
TDN _{1x} , %DM	17	59.01	3.23	53.23	64.04
NEL _{3x} , Mcal/KgDM	2	1.42	0.01	1.41	1.42
NEG, Mcal/KgDM	17	0.70	0.10	0.53	0.86
Relative Feed Quality	17	133.93	15.93	102.59	163.11
<i>Other small grain silage</i>					
Moisture, %	85	59.28	10.84	11.36	81.57
Protein (N x 6.25), %DM	85	13.06	2.14	9.13	20.76
Soluble protein, %DM	85	7.55	2.35	1.41	13.22
ADF-CP, %DM	85	1.01	0.63	0.34	5.49
NDF-CP, %DM	85	1.76	3.67	0.37	34.95
ADF, %DM	85	29.19	5.23	11.23	41.71
aNDFom, %DM	85	44.56	4.96	35.33	60.38
Lignin, %DM	85	4.69	1.86	1.15	10.40
uNDFom (12 h), %DM	50	26.62	5.36	16.27	41.19
uNDFom (30 h), %DM	50	20.47	4.03	10.75	31.18
uNDFom (120 h), %DM	50	16.11	3.17	7.97	24.44
uNDFom (240 h), %DM	85	15.55	3.10	7.24	22.69
NDFD (12 h), %NDF	50	40.15	6.50	24.41	55.88
NDFD (30 h), %NDF	50	53.84	6.14	36.73	70.85
NDFD (120 h), %NDF	50	63.62	5.19	50.45	78.39

NDFD (240 h), %NDF	85	65.21	5.26	54.55	80.37
Starch, %DM	85	12.43	6.27	0.10	26.72
ESC, %DM	50	7.32	3.39	0.01	14.63
WSC, %DM	85	8.29	3.43	0.01	16.37
Fat, %DM	85	4.19	1.04	1.88	9.86
TFA, %DM	85	1.30	0.27	0.52	2.34
Ash, %DM	85	8.36	2.01	5.30	15.32
Calcium, %DM	85	0.44	0.28	0.15	1.50
Phosphorus, %DM	85	0.25	0.06	0.14	0.49
Potassium, %DM	85	1.75	0.50	0.93	3.51
Magnesium, %DM	85	0.23	0.10	0.13	0.63
TDN _{1x} , %DM	85	62.83	5.29	50.23	71.86
NEL _{3x} , Mcal/KgDM	50	1.45	0.10	1.16	1.61
NEG, Mcal/KgDM	85	0.83	0.16	0.43	1.10
Relative Feed Quality	85	163.64	27.08	100.62	215.44
Wheat Greenfeed					
Moisture, %	8	11.26	2.25	8.55	15.59
Protein (N x 6.25), %DM	8	13.12	1.37	10.66	15.32
Soluble protein, %DM	8	0.84	0.12	0.59	0.97
ADF-CP, %DM	8	3.82	0.56	3.12	4.85
NDF-CP, %DM	8	29.06	2.68	25.00	32.80
ADF, %DM	8	30.33	2.95	25.54	33.36
aNDFom, %DM	8	46.16	2.26	43.41	50.52
Lignin, %DM	8	5.67	0.40	5.05	6.32
uNDFom (240 h), %DM	8	17.32	1.37	14.99	19.39
NDFD (240 h), %NDF	8	62.49	2.40	59.61	66.67
Starch, %DM	8	14.58	4.06	6.37	22.11
WSC, %DM	8	12.47	2.29	7.74	15.31
Fat, %DM	8	2.69	0.27	2.28	3.16
TFA, %DM	8	1.02	0.08	0.92	1.20
Ash, %DM	8	9.89	1.08	7.82	11.51
Calcium, %DM	8	0.21	0.04	0.12	0.26
Phosphorus, %DM	8	0.20	0.02	0.16	0.22
Potassium, %DM	8	1.15	0.41	0.84	2.15
Magnesium, %DM	8	0.16	0.02	0.11	0.18
TDN _{1x} , %DM	8	59.00	1.88	56.36	61.92
NEG, Mcal/KgDM	8	0.71	0.06	0.62	0.79
Relative Feed Quality	8	130.79	11.04	116.46	148.60
Other Greenfeed					
Moisture, %	56	15.20	5.77	8.66	34.91
Protein (N x 6.25), %DM	56	13.16	2.10	8.76	17.71
Soluble protein, %DM	56	2.17	1.60	0.56	5.84
ADF-CP, %DM	56	3.02	1.60	0.62	7.18
NDF-CP, %DM	56	20.40	14.01	1.37	41.17
ADF, %DM	56	33.06	4.44	23.23	46.00
aNDFom, %DM	56	49.49	5.65	30.55	60.30
Lignin, %DM	56	5.89	1.16	3.65	8.88
uNDFom (12 h), %DM	23	33.99	4.59	25.59	47.07
uNDFom (30 h), %DM	23	26.36	3.24	21.38	36.32
uNDFom (120 h), %DM	23	20.01	3.25	14.72	30.73
uNDFom (240 h), %DM	56	18.34	2.88	13.16	29.49
NDFD (12 h), %NDF	23	30.31	4.67	16.24	38.49

NDFD (30 h), %NDF	23	45.62	6.35	24.55	55.01
NDFD (120 h), %NDF	23	58.72	6.41	37.94	69.02
NDFD (240 h), %NDF	56	62.74	5.19	44.22	73.85
Starch, %DM	56	11.15	6.10	0.10	24.74
ESC, %DM	23	8.19	2.16	3.20	12.61
WSC, %DM	56	9.81	2.06	5.75	14.64
Fat, %DM	56	2.88	0.64	1.25	4.52
TFA, %DM	56	1.05	0.24	0.51	1.63
Ash, %DM	56	8.24	2.40	4.92	19.45
Calcium, %DM	56	0.47	0.31	0.19	1.72
Phosphorus, %DM	56	0.22	0.05	0.11	0.32
Potassium, %DM	56	1.69	0.51	0.70	2.83
Magnesium, %DM	56	0.23	0.09	0.12	0.49
TDN _{1x} , %DM	56	59.12	3.62	51.34	67.98
NEL _{3x} , Mcal/KgDM	23	1.33	0.11	1.11	1.50
NEG, Mcal/KgDM	56	0.72	0.11	0.47	0.97
Relative Feed Quality	56	134.87	28.69	90.58	190.08

SASKATCHEWAN HAY
JUNE 2025- JANUARY 2026

Item	N° Samples	Mean	S.D.	Min	Max
SASKATCHEWAN – Legume hay					
Moisture, %	84	12.92	2.31	7.19	19.64
Protein (N x 6.25), %DM	84	18.07	2.93	11.55	25.38
Soluble protein, %DM	84	6.96	2.00	1.84	11.74
ADF-CP, %DM	84	1.31	0.25	0.79	2.09
NDF-CP, %DM	84	2.28	0.49	1.12	4.43
ADF, %DM	84	34.91	4.77	26.10	51.02
aNDFom, %DM	84	41.92	5.89	30.89	56.19
Lignin, %DM	84	6.98	1.05	4.35	9.39
uNDFom (12 h), %DM	59	27.62	5.29	17.68	40.82
uNDFom (30 h), %DM	59	23.98	4.53	15.09	34.81
uNDFom (120 h), %DM	59	22.35	4.33	13.72	32.78
uNDFom (240 h), %DM	84	22.05	4.59	13.54	36.77
NDFD (12 h), %NDF	59	33.72	5.23	21.47	46.41
NDFD (30 h), %NDF	59	42.43	4.62	31.28	53.43
NDFD (120 h), %NDF	59	46.36	4.68	35.03	57.65
NDFD (240 h), %NDF	84	47.77	4.98	34.04	60.02
Starch, %DM	84	0.68	0.71	0.25	4.82
ESC, %DM	59	7.10	1.32	4.00	9.55
WSC, %DM	84	9.22	1.66	4.88	14.13
Fat, %DM	84	2.49	0.45	1.32	3.44
TFA, %DM	84	1.27	0.24	0.64	1.90
Ash, %DM	84	10.43	1.53	6.81	15.70
Calcium, %DM	84	1.47	0.28	0.85	2.38
Phosphorus, %DM	84	0.21	0.06	0.08	0.36
Potassium, %DM	84	2.18	0.53	1.00	3.36
Magnesium, %DM	84	0.33	0.07	0.20	0.55
TDN _{1x} , %DM	84	58.16	3.27	48.93	64.95
NEL _{3x} , Mcal/KgDM	59	1.37	0.09	1.13	1.54
NEG, Mcal/KgDM	84	0.73	0.11	0.39	0.96
Relative Feed Quality	84	142.67	25.74	88.83	209.37
Grass hay					
Moisture, %	77	12.38	2.65	6.71	20.81
Protein (N x 6.25), %DM	77	11.41	2.82	5.66	20.49
Soluble protein, %DM	77	3.83	1.54	1.02	8.67
ADF-CP, %DM	77	1.04	0.25	0.61	2.33
NDF-CP, %DM	77	2.25	0.66	1.00	4.08
ADF, %DM	77	37.17	3.37	30.69	44.16
aNDFom, %DM	77	55.94	5.65	36.71	65.27
Lignin, %DM	77	5.51	0.97	3.14	8.20
uNDFom (12 h), %DM	48	38.56	6.27	25.60	50.85
uNDFom (30 h), %DM	48	28.12	4.89	19.02	40.83
uNDFom (120 h), %DM	48	20.77	3.39	13.84	31.25
uNDFom (240 h), %DM	77	19.63	3.88	9.41	29.49
NDFD (12 h), %NDF	48	31.07	6.25	15.77	46.10
NDFD (30 h), %NDF	48	49.65	5.98	32.37	61.87
NDFD (120 h), %NDF	48	62.63	5.20	48.24	72.46

NDFD (240 h), %NDF	77	64.93	5.90	50.66	78.26
Starch, %DM	77	1.13	2.42	0.25	14.96
ESC, %DM	48	8.83	2.28	3.31	13.57
WSC, %DM	77	10.93	2.27	5.19	16.00
Fat, %DM	77	3.03	0.56	1.85	4.12
TFA, %DM	77	1.18	0.23	0.74	1.69
Ash, %DM	77	7.35	1.59	2.89	11.60
Calcium, %DM	77	0.58	0.26	0.17	1.29
Phosphorus, %DM	77	0.16	0.06	0.08	0.38
Potassium, %DM	77	1.50	0.49	0.73	3.37
Magnesium, %DM	77	0.20	0.07	0.08	0.43
TDN _{1x} , %DM	77	58.94	2.57	51.18	63.83
NEL _{3x} , Mcal/KgDM	48	1.34	0.06	1.14	1.47
NEG, Mcal/KgDM	77	0.71	0.08	0.50	0.90
Relative Feed Quality	77	115.79	15.48	92.74	176.48
Mixed hay					
Moisture, %	175	12.62	3.71	6.37	41.98
Protein (N x 6.25), %DM	175	13.99	3.12	7.84	22.90
Soluble protein, %DM	175	5.40	1.69	1.71	9.98
ADF-CP, %DM	175	1.17	0.26	0.48	2.43
NDF-CP, %DM	175	2.23	0.43	0.95	3.60
ADF, %DM	175	37.64	4.04	27.07	49.96
aNDFom, %DM	175	51.87	6.39	34.15	67.29
Lignin, %DM	175	6.67	1.27	3.78	11.36
uNDFom (12 h), %DM	82	34.61	7.47	19.68	49.81
uNDFom (30 h), %DM	82	27.18	5.16	17.10	40.76
uNDFom (120 h), %DM	82	22.13	3.96	13.84	36.50
uNDFom (240 h), %DM	175	21.16	3.85	11.75	37.76
NDFD (12 h), %NDF	82	32.86	7.08	17.24	47.45
NDFD (30 h), %NDF	82	46.88	6.11	26.64	62.37
NDFD (120 h), %NDF	82	56.33	7.16	33.50	71.23
NDFD (240 h), %NDF	175	58.93	6.92	35.42	74.39
Starch, %DM	175	0.64	0.49	0.10	2.65
ESC, %DM	82	7.65	1.77	2.87	11.43
WSC, %DM	175	10.06	2.00	4.51	15.37
Fat, %DM	175	2.67	0.55	0.87	4.31
TFA, %DM	175	1.17	0.22	0.46	1.76
Ash, %DM	175	8.78	1.96	3.94	20.33
Calcium, %DM	175	1.01	0.41	0.25	2.01
Phosphorus, %DM	175	0.16	0.05	0.07	0.32
Potassium, %DM	175	1.74	0.54	0.35	3.55
Magnesium, %DM	175	0.27	0.09	0.09	0.67
TDN _{1x} , %DM	175	57.00	3.06	43.96	63.06
NEL _{3x} , Mcal/KgDM	82	1.30	0.10	0.93	1.50
NEG, Mcal/KgDM	175	0.66	0.10	0.28	0.91
Relative Feed Quality	175	116.53	17.69	74.51	185.41
Straw					
Moisture, %	33	12.95	4.30	5.66	24.45
Protein (N x 6.25), %DM	33	7.06	2.85	4.01	16.52
Soluble protein, %DM	33	1.44	1.65	0.47	8.32
ADF-CP, %DM	33	1.51	0.70	0.36	3.23
NDF-CP, %DM	33	19.00	11.93	1.34	48.14

ADF, %DM	33	50.17	4.94	41.51	64.86
aNDFom, %DM	33	71.95	3.73	65.41	81.20
Lignin, %DM	33	7.79	2.22	4.95	13.46
uNDFom (12 h), %DM	11	53.70	8.23	40.97	65.76
uNDFom (30 h), %DM	11	40.81	8.12	28.31	55.08
uNDFom (120 h), %DM	11	31.26	6.75	21.52	46.98
uNDFom (240 h), %DM	33	29.67	6.85	19.35	47.07
NDFD (12 h), %NDF	11	25.71	8.05	11.53	37.88
NDFD (30 h), %NDF	11	43.52	9.96	19.25	57.07
NDFD (120 h), %NDF	11	56.63	9.17	31.12	68.92
NDFD (240 h), %NDF	33	58.82	9.18	33.07	72.05
Starch, %DM	33	1.66	1.24	0.10	4.80
ESC, %DM	11	3.55	1.12	2.50	6.55
WSC, %DM	33	4.91	1.57	2.50	8.84
Fat, %DM	33	1.80	0.62	0.38	3.16
TFA, %DM	33	0.56	0.23	0.20	1.39
Ash, %DM	33	6.87	1.83	3.86	10.65
Calcium, %DM	33	0.62	0.53	0.17	1.89
Phosphorus, %DM	33	0.09	0.05	0.03	0.24
Potassium, %DM	33	1.58	0.71	0.39	3.11
Magnesium, %DM	33	0.19	0.11	0.08	0.54
TDN _{1x} , %DM	33	50.33	3.70	40.88	57.11
NEL _{3x} , Mcal/KgDM	11	1.04	0.14	0.76	1.31
NEG, Mcal/KgDM	33	0.42	0.13	0.10	0.67
Relative Feed Quality	33	75.37	16.91	56.03	123.22

SASKATCHEWAN HAYLAGE
JUNE 2025- JANUARY 2026

Item	N° Samples	Mean	S.D.	Min	Max
SASKATCHEWAN – Legume haylage					
Moisture, %	25	53.29	10.71	31.34	67.10
Protein (N x 6.25), %DM	25	18.66	1.90	14.38	22.24
Soluble protein, %DM	25	10.74	2.55	6.57	16.21
ADF-CP, %DM	25	1.28	0.23	0.75	1.81
NDF-CP, %DM	25	2.83	0.79	1.43	4.20
ADF, %DM	25	33.87	3.78	26.56	41.50
aNDFom, %DM	25	39.29	4.72	30.92	50.56
Lignin, %DM	25	7.39	0.89	5.24	9.25
uNDFom (12 h), %DM	21	24.06	3.61	18.57	33.74
uNDFom (30 h), %DM	21	20.74	3.08	16.65	28.12
uNDFom (120 h), %DM	21	19.51	2.89	15.12	25.85
uNDFom (240 h), %DM	25	19.70	3.29	14.78	28.24
NDFD (12 h), %NDF	21	38.02	4.24	30.50	46.14
NDFD (30 h), %NDF	21	46.47	4.80	38.15	58.33
NDFD (120 h), %NDF	21	49.64	4.68	41.93	59.57
NDFD (240 h), %NDF	24	50.21	4.92	41.50	61.04
Starch, %DM	25	3.16	0.87	1.69	6.48
ESC, %DM	25	1.30	0.40	0.80	2.84
WSC, %DM	20	0.93	0.63	0.20	2.59
Fat, %DM	21	4.17	1.70	1.27	7.04
TFA, %DM	25	6.04	2.73	1.56	10.70
Ash, %DM	25	10.50	1.51	7.57	13.05
Calcium, %DM	25	1.61	0.33	1.08	2.51
Phosphorus, %DM	25	0.24	0.10	0.14	0.63
Potassium, %DM	25	2.54	0.79	1.44	5.24
Magnesium, %DM	25	0.35	0.09	0.22	0.56
TDN _{1x} , %DM	21	59.27	2.30	54.43	63.58
NEL _{3x} , Mcal/KgDM	21	1.41	0.06	1.24	1.50
NEG, Mcal/KgDM	21	0.79	0.07	0.61	0.93
Relative Feed Quality	25	162.49	23.14	117.91	215.64
SASKATCHEWAN – Mixed haylage					
Moisture, %	10	50.78	17.06	22.81	72.79
Protein (N x 6.25), %DM	10	16.03	2.25	11.53	19.07
Soluble protein, %DM	10	8.82	2.92	3.97	12.85
ADF-CP, %DM	10	1.33	0.36	0.48	1.89
NDF-CP, %DM	10	2.91	1.22	1.30	5.11
ADF, %DM	10	35.02	5.76	21.40	44.12
aNDFom, %DM	10	44.49	4.58	38.67	54.46
Lignin, %DM	10	6.84	2.80	0.26	10.97
uNDFom (12 h), %DM	4	24.94	3.59	18.80	27.92
uNDFom (30 h), %DM	4	19.96	5.26	10.95	24.13
uNDFom (120 h), %DM	4	17.80	6.01	7.47	22.07
uNDFom (240 h), %DM	10	19.79	6.63	6.81	28.87
NDFD (12 h), %NDF	4	39.04	7.38	32.08	51.39
NDFD (30 h), %NDF	4	51.39	12.04	41.19	71.69
NDFD (120 h), %NDF	4	56.77	13.94	46.21	80.68

NDFD (240 h), %NDF	4	58.62	13.86	47.90	82.39
Starch, %DM	10	3.17	1.05	1.41	5.19
ESC, %DM	10	1.19	0.33	0.53	1.83
WSC, %DM	7	1.78	1.25	0.31	4.38
Fat, %DM	4	5.66	3.03	1.35	9.89
TFA, %DM	10	6.07	3.65	1.63	14.70
Ash, %DM	10	9.26	2.14	5.82	13.03
Calcium, %DM	10	1.20	0.55	0.34	2.03
Phosphorus, %DM	10	0.20	0.05	0.12	0.29
Potassium, %DM	10	2.50	1.32	1.48	6.28
Magnesium, %DM	10	0.44	0.24	0.17	0.87
TDN _{1x} , %DM	4	63.11	7.41	56.68	75.72
NEL _{3x} , Mcal/KgDM	4	1.47	0.13	1.36	1.70
NEG, Mcal/KgDM	4	0.88	0.20	0.72	1.21
Relative Feed Quality	10	147.90	26.73	102.40	211.48

SASKATCHEWAN CORN SILAGE
SEPTEMBER 2025- JANUARY 2026

Item	N° Samples	Mean	S.D.	Min	Max
SASKATCHEWAN - Corn silage					
Moisture, %	34	64.45	6.32	51.07	78.40
Protein (N x 6.25), %DM	34	9.52	1.17	7.54	12.54
Soluble protein, %DM	34	5.70	0.81	4.38	7.53
ADF-CP, %DM	34	0.69	0.14	0.44	0.98
NDF-CP, %DM	34	1.38	0.18	1.06	1.67
ADF, %DM	34	27.09	3.40	21.03	35.33
aNDFom, %DM	34	45.16	4.41	37.91	53.98
Lignin, %DM	34	2.51	0.43	1.70	3.58
uNDFom (12 h), %DM	12	29.67	3.71	23.63	35.57
uNDFom (30 h), %DM	12	16.60	2.05	13.12	19.90
uNDFom (120 h), %DM	12	11.61	1.70	8.61	14.53
uNDFom (240 h), %DM	34	10.88	1.88	7.46	15.25
NDFD (12 h), %NDF	12	32.63	2.67	29.30	38.32
NDFD (30 h), %NDF	12	62.27	2.45	59.07	66.87
NDFD (120 h), %NDF	12	73.66	1.97	70.94	77.53
NDFD (240 h), %NDF	34	76.00	2.69	69.40	80.53
Starch, %DM	34	19.45	8.44	0.25	34.43
SCHD-7h, %SCH	12	71.75	21.75	0.00	82.69
ESC, %DM	12	3.29	1.23	2.14	6.05
WSC, %DM	34	4.51	1.88	2.39	10.84
Fat, %DM	34	3.13	0.31	2.51	3.90
TFA, %DM	34	1.52	0.32	0.86	2.02
Ash, %DM	34	5.88	1.05	4.38	8.83
Calcium, %DM	34	0.25	0.08	0.15	0.53
Phosphorus, %DM	34	0.20	0.03	0.13	0.28
Potassium, %DM	34	1.27	0.30	0.79	2.32
Magnesium, %DM	34	0.19	0.04	0.13	0.29
TDN _{1x} , %DM	34	68.95	3.02	61.50	74.43
NEL _{3x} , Mcal/KgDM	12	1.52	0.04	1.44	1.59
NEG, Mcal/KgDM	34	0.99	0.08	0.78	1.13
Relative Feed Quality	34	172.86	21.71	130.69	213.18
Fresh corn silage					
Moisture, %	19	65.97	5.43	60.04	80.67
Protein (N x 6.25), %DM	19	9.61	1.43	7.64	12.47
Soluble protein, %DM	19	3.59	0.93	2.35	5.46
ADF-CP, %DM	19	0.71	0.17	0.44	1.00
NDF-CP, %DM	19	1.64	0.22	1.13	1.99
ADF, %DM	19	29.66	4.43	23.54	38.83
aNDFom, %DM	19	49.69	5.77	41.11	59.92
Lignin, %DM	19	2.69	0.53	1.72	4.06
uNDFom (12 h), %DM	11	34.77	4.31	28.06	43.41
uNDFom (30 h), %DM	11	18.11	2.34	14.55	24.57
uNDFom (120 h), %DM	11	14.12	1.92	10.79	18.56
uNDFom (240 h), %DM	19	12.78	2.32	8.73	17.12

NDFD (12 h), %NDF	11	27.87	2.81	20.00	32.22
NDFD (30 h), %NDF	11	62.30	3.40	54.72	67.20
NDFD (120 h), %NDF	11	70.69	2.23	65.79	73.94
NDFD (240 h), %NDF	19	74.37	2.97	68.45	80.49
Starch, %DM	19	2.34	0.40	1.40	3.10
SCHD-7h, %SCH	19	1.30	0.36	0.64	2.00
ESC, %DM	19	16.13	9.12	1.49	31.48
WSC, %DM	11	63.19	8.88	45.00	70.52
Fat, %DM	12	7.53	3.02	2.51	11.92
TFA, %DM	19	7.78	3.41	2.75	14.83
Ash, %DM	19	6.05	1.32	3.18	9.16
Calcium, %DM	19	0.28	0.13	0.13	0.58
Phosphorus, %DM	19	0.21	0.05	0.13	0.32
Potassium, %DM	19	1.48	0.42	0.87	2.80
Magnesium, %DM	19	0.21	0.06	0.10	0.33
TDN _{1x} , %DM	19	67.10	3.84	57.78	73.48
NEL _{3x} , Mcal/KgDM	11	1.48	0.05	1.39	1.56
NEG, Mcal/KgDM	19	0.93	0.11	0.67	1.12
Relative Feed Quality	19	155.47	23.92	112.43	194.54