



Stratford Agri Analysis

ONTARIO FORAGE SUMMARY BY REGION EASTERN ONTARIO - 2025-2026

DURHAM, GREENVILLE, LEEDS, NORTHUMBERLAND, PETERBOROUGH, PRINCE EDWARD, STORMONT

SMALL GRAIN

JULY 2025 - JANUARY 2026

| Item | N° Samples | Mean | S.D. | Min | Max |
|-----------------------------------|---------------|--------|-------|--------|--------|
| ONTARIO – Oat silage | | | | | |
| Moisture, % | 6 | 52.50 | 9.19 | 40.65 | 69.11 |
| Protein (N x 6.25), %DM | 6 | 13.64 | 1.99 | 11.86 | 16.45 |
| Soluble protein, %DM | 6 | 7.26 | 0.89 | 6.38 | 8.54 |
| ADF-CP, %DM | 6 | 0.82 | 0.12 | 0.67 | 0.97 |
| NDF-CP, %DM | 6 | 1.63 | 0.50 | 1.05 | 2.62 |
| ADF, %DM | 6 | 36.83 | 1.83 | 34.43 | 39.63 |
| aNDFom, %DM | 6 | 52.57 | 1.81 | 49.93 | 55.78 |
| Lignin, %DM | 6 | 5.73 | 0.51 | 5.15 | 6.38 |
| uNDFom (12 h), %DM | 5 | 33.17 | 3.49 | 28.64 | 37.82 |
| uNDFom (30 h), %DM | 5 | 23.25 | 2.94 | 18.49 | 26.24 |
| uNDFom (120 h), %DM | 5 | 17.61 | 2.04 | 14.65 | 20.07 |
| uNDFom (240 h), %DM | 6 | 16.76 | 1.98 | 13.68 | 18.96 |
| NDFD (12 h), %NDF | 5 | 36.92 | 4.80 | 32.20 | 44.30 |
| NDFD (30 h), %NDF | 5 | 55.77 | 4.68 | 50.64 | 64.04 |
| NDFD (120 h), %NDF | 5 | 66.48 | 3.33 | 61.41 | 71.51 |
| NDFD (240 h), %NDF | 6 | 68.15 | 3.30 | 64.08 | 73.40 |
| Starch, %DM | 6 | 3.06 | 3.26 | 0.10 | 8.57 |
| ESC, %DM | 5 | 4.63 | 2.79 | 1.80 | 9.50 |
| WSC, %DM | 6 | 5.81 | 2.58 | 2.82 | 10.70 |
| Fat, %DM | 6 | 3.85 | 0.55 | 3.24 | 4.95 |
| TFA, %DM | 6 | 1.15 | 0.11 | 1.00 | 1.34 |
| Ash, %DM | 6 | 10.45 | 2.33 | 7.03 | 14.29 |
| Calcium, %DM | 6 | 0.48 | 0.11 | 0.36 | 0.69 |
| Phosphorus, %DM | 6 | 0.28 | 0.07 | 0.17 | 0.41 |
| Potassium, %DM | 6 | 2.34 | 0.48 | 1.46 | 2.83 |
| Magnesium, %DM | 6 | 0.20 | 0.02 | 0.18 | 0.24 |
| TDN _{1x} , %DM | 6 | 56.63 | 1.66 | 54.32 | 59.79 |
| NEL _{3x} , Mcal/KgDM | 5 | 1.32 | 0.04 | 1.27 | 1.38 |
| NEG, Mcal/KgDM | 6 | 0.67 | 0.05 | 0.61 | 0.74 |
| Relative Feed Quality | 6 | 126.04 | 4.09 | 119.50 | 132.82 |
| ONTARIO – Oat - Pea silage | | | | | |
| Moisture, % | 16 | 61.20 | 13.23 | 30.68 | 80.35 |
| Protein (N x 6.25), %DM | 16 | 15.89 | 2.24 | 9.75 | 21.31 |
| Soluble protein, %DM | 16 | 9.63 | 1.95 | 4.74 | 12.68 |

| | | | | | |
|-------------------------------|----|--------|-------|--------|--------|
| ADF-CP, %DM | 16 | 0.88 | 0.29 | 0.10 | 1.42 |
| NDF-CP, %DM | 16 | 1.82 | 0.36 | 1.32 | 2.58 |
| ADF, %DM | 16 | 33.16 | 5.02 | 24.86 | 43.00 |
| aNDFom, %DM | 16 | 45.33 | 5.27 | 37.21 | 53.40 |
| Lignin, %DM | 16 | 4.45 | 1.40 | 1.30 | 6.72 |
| uNDFom (12 h), %DM | 15 | 23.98 | 6.80 | 14.95 | 33.70 |
| uNDFom (30 h), %DM | 15 | 16.91 | 4.93 | 9.98 | 25.36 |
| uNDFom (120 h), %DM | 15 | 13.59 | 3.32 | 8.43 | 19.58 |
| uNDFom (240 h), %DM | 16 | 12.71 | 2.97 | 7.86 | 18.02 |
| NDFD (12 h), %NDF | 15 | 47.68 | 9.70 | 31.28 | 61.12 |
| NDFD (30 h), %NDF | 15 | 63.10 | 7.35 | 48.29 | 74.35 |
| NDFD (120 h), %NDF | 15 | 70.19 | 4.62 | 60.07 | 78.33 |
| NDFD (240 h), %NDF | 16 | 72.27 | 4.10 | 63.25 | 79.80 |
| Starch, %DM | 16 | 1.09 | 1.72 | 0.10 | 6.99 |
| ESC, %DM | 15 | 5.08 | 3.65 | 0.13 | 14.41 |
| WSC, %DM | 16 | 6.20 | 3.74 | 1.26 | 16.28 |
| Fat, %DM | 16 | 4.32 | 0.64 | 3.30 | 5.38 |
| TFA, %DM | 16 | 1.13 | 0.25 | 0.66 | 1.58 |
| Ash, %DM | 16 | 11.46 | 3.12 | 7.72 | 17.89 |
| Calcium, %DM | 16 | 0.68 | 0.18 | 0.39 | 1.03 |
| Phosphorus, %DM | 16 | 0.28 | 0.06 | 0.16 | 0.40 |
| Potassium, %DM | 16 | 2.68 | 0.45 | 1.94 | 3.57 |
| Magnesium, %DM | 16 | 0.21 | 0.07 | 0.13 | 0.41 |
| TDN _{1x} , %DM | 16 | 60.05 | 5.11 | 50.65 | 70.94 |
| NEL _{3x} , Mcal/KgDM | 15 | 1.40 | 0.12 | 1.10 | 1.59 |
| NEG, Mcal/KgDM | 16 | 0.79 | 0.15 | 0.46 | 1.08 |
| Relative Feed Quality | 16 | 150.33 | 26.69 | 106.15 | 210.76 |
| ONTARIO – Ryegrass | | | | | |
| Moisture, % | 10 | 66.32 | 7.67 | 55.15 | 75.73 |
| Protein (N x 6.25), %DM | 10 | 16.31 | 3.62 | 10.24 | 21.94 |
| Soluble protein, %DM | 10 | 11.41 | 2.90 | 6.38 | 14.83 |
| ADF-CP, %DM | 10 | 0.62 | 0.19 | 0.30 | 0.88 |
| NDF-CP, %DM | 10 | 1.77 | 0.52 | 1.02 | 2.66 |
| ADF, %DM | 10 | 34.06 | 4.65 | 27.18 | 41.05 |
| aNDFom, %DM | 10 | 49.73 | 9.58 | 33.62 | 64.59 |
| Lignin, %DM | 10 | 3.59 | 1.39 | 1.88 | 5.91 |
| uNDFom (12 h), %DM | 8 | 22.52 | 6.00 | 12.70 | 35.72 |
| uNDFom (30 h), %DM | 8 | 14.32 | 3.77 | 9.24 | 23.33 |
| uNDFom (120 h), %DM | 8 | 10.38 | 2.52 | 8.22 | 16.48 |
| uNDFom (240 h), %DM | 10 | 10.66 | 2.98 | 7.69 | 15.37 |
| NDFD (12 h), %NDF | 8 | 51.89 | 6.04 | 38.73 | 62.22 |
| NDFD (30 h), %NDF | 8 | 69.26 | 4.11 | 59.98 | 72.88 |
| NDFD (120 h), %NDF | 8 | 77.44 | 3.81 | 71.73 | 82.89 |
| NDFD (240 h), %NDF | 10 | 78.60 | 3.67 | 73.64 | 84.41 |
| Starch, %DM | 10 | 0.28 | 0.22 | 0.10 | 0.69 |
| ESC, %DM | 8 | 2.76 | 2.20 | 0.01 | 7.34 |
| WSC, %DM | 10 | 3.43 | 2.38 | 0.01 | 8.15 |
| Fat, %DM | 10 | 4.59 | 0.44 | 3.69 | 5.13 |
| TFA, %DM | 10 | 1.54 | 0.30 | 0.96 | 1.92 |
| Ash, %DM | 10 | 11.03 | 4.38 | 5.19 | 21.69 |
| Calcium, %DM | 10 | 0.54 | 0.21 | 0.31 | 1.01 |
| Phosphorus, %DM | 10 | 0.30 | 0.05 | 0.23 | 0.39 |

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|-------------------------------------|----|--------|-------|--------|--------|
| Potassium, %DM | 10 | 2.66 | 0.42 | 1.94 | 3.47 |
| Magnesium, %DM | 10 | 0.18 | 0.07 | 0.11 | 0.38 |
| TDN _{1x} , %DM | 10 | 61.36 | 4.26 | 51.83 | 67.28 |
| NEL _{3x} , Mcal/KgDM | 8 | 1.45 | 0.10 | 1.25 | 1.56 |
| NEG, Mcal/KgDM | 10 | 0.83 | 0.13 | 0.61 | 1.01 |
| Relative Feed Quality | 10 | 145.68 | 24.02 | 111.31 | 183.36 |
| ONTARIO – Sorghum silage | | | | | |
| Moisture, % | 12 | 65.01 | 10.51 | 36.93 | 76.76 |
| Protein (N x 6.25), %DM | 12 | 11.71 | 2.76 | 9.22 | 19.97 |
| Soluble protein, %DM | 12 | 5.47 | 0.74 | 3.75 | 6.57 |
| ADF-CP, %DM | 12 | 0.89 | 0.17 | 0.67 | 1.20 |
| NDF-CP, %DM | 12 | 2.07 | 0.57 | 1.55 | 3.72 |
| ADF, %DM | 12 | 36.61 | 3.18 | 31.52 | 42.44 |
| aNDFom, %DM | 12 | 56.57 | 3.83 | 50.44 | 61.77 |
| Lignin, %DM | 12 | 4.70 | 0.91 | 2.92 | 6.13 |
| uNDFom (12 h), %DM | 10 | 33.03 | 6.22 | 21.28 | 41.25 |
| uNDFom (30 h), %DM | 10 | 22.90 | 4.09 | 15.81 | 28.16 |
| uNDFom (120 h), %DM | 10 | 17.19 | 3.20 | 11.78 | 22.38 |
| uNDFom (240 h), %DM | 12 | 16.10 | 2.78 | 11.12 | 20.21 |
| NDFD (12 h), %NDF | 10 | 40.99 | 9.17 | 26.58 | 58.54 |
| NDFD (30 h), %NDF | 10 | 59.03 | 6.20 | 49.88 | 69.10 |
| NDFD (120 h), %NDF | 10 | 69.22 | 5.03 | 60.16 | 77.05 |
| NDFD (240 h), %NDF | 12 | 71.62 | 4.18 | 64.03 | 78.34 |
| Starch, %DM | 12 | 1.29 | 1.30 | 0.10 | 3.50 |
| ESC, %DM | 10 | 5.92 | 3.13 | 1.30 | 11.89 |
| WSC, %DM | 12 | 6.99 | 2.94 | 2.24 | 12.85 |
| Fat, %DM | 12 | 3.28 | 0.39 | 2.50 | 3.80 |
| TFA, %DM | 12 | 0.89 | 0.27 | 0.51 | 1.46 |
| Ash, %DM | 12 | 8.15 | 2.59 | 4.82 | 12.75 |
| Calcium, %DM | 12 | 0.65 | 0.18 | 0.34 | 1.00 |
| Phosphorus, %DM | 12 | 0.22 | 0.07 | 0.14 | 0.35 |
| Potassium, %DM | 12 | 1.97 | 0.68 | 1.15 | 3.24 |
| Magnesium, %DM | 12 | 0.28 | 0.08 | 0.14 | 0.38 |
| TDN _{1x} , %DM | 12 | 59.24 | 3.02 | 52.47 | 64.02 |
| NEL _{3x} , Mcal/KgDM | 10 | 1.34 | 0.08 | 1.17 | 1.49 |
| NEG, Mcal/KgDM | 12 | 0.73 | 0.09 | 0.53 | 0.90 |
| Relative Feed Quality | 12 | 117.47 | 11.73 | 100.47 | 135.49 |
| ONTARIO – Sudan grass silage | | | | | |
| Moisture, % | 8 | 58.63 | 8.70 | 50.32 | 76.75 |
| Protein (N x 6.25), %DM | 8 | 14.43 | 2.61 | 10.50 | 18.70 |
| Soluble protein, %DM | 8 | 6.96 | 1.30 | 4.89 | 9.34 |
| ADF-CP, %DM | 8 | 0.88 | 0.11 | 0.70 | 1.08 |
| NDF-CP, %DM | 8 | 2.32 | 0.36 | 1.71 | 2.69 |
| ADF, %DM | 8 | 34.27 | 2.62 | 31.55 | 38.19 |
| aNDFom, %DM | 8 | 50.71 | 4.84 | 41.58 | 58.52 |
| uNDFom (12 h), %DM | 8 | 4.09 | 0.95 | 2.81 | 5.19 |
| uNDFom (30 h), %DM | 8 | 27.34 | 5.32 | 18.08 | 37.39 |
| uNDFom (120 h), %DM | 8 | 19.32 | 3.08 | 13.87 | 24.67 |
| uNDFom (240 h), %DM | 8 | 14.68 | 2.07 | 12.08 | 19.08 |
| NDFD (12 h), %NDF | 8 | 13.29 | 2.17 | 10.25 | 17.67 |
| NDFD (30 h), %NDF | 8 | 46.44 | 6.85 | 36.11 | 56.52 |
| NDFD (120 h), %NDF | 8 | 62.00 | 4.02 | 57.44 | 68.57 |

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|---|----|--------|-------|--------|--------|
| NDFD (240 h), %NDF | 8 | 71.09 | 2.36 | 67.40 | 75.75 |
| Lignin, %DM | 8 | 73.90 | 2.47 | 69.81 | 77.70 |
| Starch, %DM | 8 | 0.14 | 0.06 | 0.10 | 0.27 |
| ESC, %DM | 8 | 6.14 | 2.00 | 2.57 | 8.61 |
| WSC, %DM | 8 | 7.10 | 2.13 | 3.29 | 9.66 |
| Fat, %DM | 8 | 3.48 | 0.31 | 2.99 | 3.98 |
| TFA, %DM | 8 | 0.96 | 0.17 | 0.69 | 1.16 |
| Ash, %DM | 8 | 12.71 | 3.10 | 8.31 | 18.66 |
| Calcium, %DM | 8 | 1.00 | 0.27 | 0.54 | 1.30 |
| Phosphorus, %DM | 8 | 0.24 | 0.08 | 0.08 | 0.34 |
| Potassium, %DM | 8 | 3.14 | 1.13 | 0.81 | 4.60 |
| Magnesium, %DM | 8 | 0.30 | 0.07 | 0.18 | 0.40 |
| TDN _{1x} , %DM | 8 | 57.71 | 2.27 | 53.97 | 61.57 |
| NEL _{3x} , Mcal/KgDM | 8 | 1.34 | 0.07 | 1.20 | 1.42 |
| NEG, Mcal/KgDM | 8 | 0.71 | 0.08 | 0.56 | 0.83 |
| Relative Feed Quality | 8 | 131.04 | 12.97 | 112.81 | 153.07 |
| ONTARIO – Triticale silage | | | | | |
| Moisture, % | 11 | 69.73 | 9.62 | 49.53 | 86.22 |
| Protein (N x 6.25), %DM | 11 | 13.75 | 2.93 | 7.62 | 20.72 |
| Soluble protein, %DM | 11 | 8.72 | 2.80 | 0.90 | 12.04 |
| ADF-CP, %DM | 11 | 0.59 | 0.29 | 0.10 | 1.17 |
| NDF-CP, %DM | 11 | 1.51 | 0.41 | 1.02 | 2.44 |
| ADF, %DM | 11 | 36.34 | 5.06 | 27.52 | 47.49 |
| aNDFom, %DM | 11 | 54.84 | 8.16 | 43.34 | 74.17 |
| Lignin, %DM | 11 | 4.45 | 1.52 | 1.53 | 7.47 |
| uNDFom (12 h), %DM | 10 | 31.64 | 7.49 | 21.23 | 47.83 |
| uNDFom (30 h), %DM | 10 | 21.27 | 3.97 | 16.66 | 28.77 |
| uNDFom (120 h), %DM | 10 | 14.92 | 3.44 | 7.65 | 20.66 |
| uNDFom (240 h), %DM | 11 | 14.16 | 3.27 | 6.81 | 19.05 |
| NDFD (12 h), %NDF | 10 | 42.31 | 5.45 | 34.20 | 51.52 |
| NDFD (30 h), %NDF | 10 | 60.90 | 2.96 | 55.30 | 65.10 |
| NDFD (120 h), %NDF | 10 | 72.67 | 4.09 | 68.20 | 82.53 |
| NDFD (240 h), %NDF | 11 | 74.37 | 3.98 | 69.91 | 84.45 |
| Starch, %DM | 11 | 0.10 | 0.00 | 0.10 | 0.10 |
| ESC, %DM | 10 | 3.98 | 3.47 | 0.01 | 10.15 |
| WSC, %DM | 11 | 4.63 | 3.83 | 0.27 | 11.97 |
| Fat, %DM | 11 | 4.40 | 0.65 | 3.33 | 5.68 |
| TFA, %DM | 11 | 1.22 | 0.18 | 0.79 | 1.42 |
| Ash, %DM | 11 | 10.21 | 2.01 | 7.31 | 14.02 |
| Calcium, %DM | 11 | 0.42 | 0.15 | 0.27 | 0.79 |
| Phosphorus, %DM | 11 | 0.31 | 0.11 | 0.07 | 0.50 |
| Potassium, %DM | 11 | 2.52 | 0.96 | 0.42 | 4.33 |
| Magnesium, %DM | 11 | 0.13 | 0.06 | 0.05 | 0.31 |
| TDN _{1x} , %DM | 11 | 58.72 | 4.78 | 48.16 | 67.26 |
| NEL _{3x} , Mcal/KgDM | 10 | 1.35 | 0.14 | 1.01 | 1.52 |
| NEG, Mcal/KgDM | 11 | 0.73 | 0.15 | 0.36 | 0.98 |
| Relative Feed Quality | 11 | 128.68 | 23.75 | 80.32 | 173.28 |
| ONTARIO – Other small grain silage | | | | | |
| Moisture, % | 18 | 58.88 | 14.64 | 30.50 | 73.42 |
| Protein (N x 6.25), %DM | 18 | 14.81 | 2.36 | 10.39 | 19.93 |
| Soluble protein, %DM | 18 | 8.35 | 2.41 | 3.76 | 14.09 |
| ADF-CP, %DM | 18 | 0.95 | 0.35 | 0.10 | 1.62 |

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|-------------------------------|----|--------|-------|--------|--------|
| NDF-CP, %DM | 18 | 1.82 | 0.53 | 0.91 | 3.01 |
| ADF, %DM | 18 | 34.02 | 3.55 | 27.62 | 40.35 |
| aNDFom, %DM | 18 | 48.42 | 5.52 | 37.29 | 57.07 |
| Lignin, %DM | 18 | 4.65 | 1.67 | 1.54 | 7.83 |
| uNDFom (12 h), %DM | 18 | 27.99 | 4.62 | 16.65 | 38.48 |
| uNDFom (30 h), %DM | 18 | 19.87 | 3.97 | 11.85 | 28.95 |
| uNDFom (120 h), %DM | 18 | 15.14 | 3.33 | 8.22 | 22.54 |
| uNDFom (240 h), %DM | 18 | 14.01 | 3.17 | 7.55 | 20.82 |
| NDFD (12 h), %NDF | 18 | 42.26 | 6.77 | 29.03 | 56.56 |
| NDFD (30 h), %NDF | 18 | 58.77 | 7.98 | 42.80 | 72.46 |
| NDFD (120 h), %NDF | 18 | 68.38 | 7.53 | 53.23 | 84.07 |
| NDFD (240 h), %NDF | 18 | 70.70 | 7.22 | 56.32 | 85.37 |
| Starch, %DM | 18 | 2.04 | 3.07 | 0.10 | 12.12 |
| ESC, %DM | 18 | 5.07 | 3.07 | 0.09 | 11.76 |
| WSC, %DM | 18 | 6.41 | 3.37 | 0.11 | 12.94 |
| Fat, %DM | 18 | 3.85 | 0.96 | 2.14 | 5.84 |
| TFA, %DM | 18 | 1.12 | 0.29 | 0.73 | 1.76 |
| Ash, %DM | 18 | 10.45 | 1.39 | 8.66 | 14.46 |
| Calcium, %DM | 18 | 0.85 | 0.38 | 0.21 | 1.87 |
| Phosphorus, %DM | 18 | 0.31 | 0.07 | 0.14 | 0.46 |
| Potassium, %DM | 18 | 2.47 | 0.62 | 1.24 | 3.75 |
| Magnesium, %DM | 18 | 0.22 | 0.11 | 0.11 | 0.46 |
| TDN _{1x} , %DM | 18 | 59.84 | 4.20 | 51.67 | 67.13 |
| NEL _{3x} , Mcal/KgDM | 18 | 1.38 | 0.10 | 1.18 | 1.57 |
| NEG, Mcal/KgDM | 18 | 0.77 | 0.12 | 0.54 | 1.01 |
| Relative Feed Quality | 18 | 139.49 | 21.03 | 109.60 | 187.26 |

EASTERN ONTARIO HAY
JUNE 2025- JANUARY 2026

| Item | N° Samples | Mean | S.D. | Min | Max |
|-------------------------------|---------------|--------|-------|--------|--------|
| ONTARIO – Legume hay | | | | | |
| Moisture, % | 13 | 13.48 | 1.49 | 11.55 | 17.80 |
| Protein (N x 6.25), %DM | 13 | 16.83 | 2.65 | 12.94 | 21.91 |
| Soluble protein, %DM | 13 | 6.63 | 1.10 | 3.71 | 7.89 |
| ADF-CP, %DM | 13 | 1.29 | 0.28 | 0.94 | 1.70 |
| NDF-CP, %DM | 13 | 2.41 | 1.06 | 1.41 | 5.67 |
| ADF, %DM | 13 | 36.27 | 3.15 | 28.15 | 40.49 |
| aNDFom, %DM | 13 | 45.02 | 3.33 | 38.75 | 49.41 |
| uNDFom (12 h), %DM | 13 | 7.38 | 0.92 | 5.45 | 8.65 |
| uNDFom (30 h), %DM | 13 | 29.55 | 4.59 | 19.71 | 37.23 |
| uNDFom (120 h), %DM | 13 | 24.90 | 4.41 | 15.52 | 32.07 |
| uNDFom (240 h), %DM | 13 | 22.31 | 4.20 | 14.53 | 29.87 |
| NDFD (12 h), %NDF | 13 | 21.66 | 4.22 | 13.94 | 29.33 |
| NDFD (30 h), %NDF | 13 | 34.68 | 6.79 | 24.65 | 49.14 |
| NDFD (120 h), %NDF | 13 | 45.02 | 7.03 | 35.09 | 59.95 |
| NDFD (240 h), %NDF | 13 | 50.69 | 7.16 | 39.55 | 63.78 |
| Lignin, %DM | 13 | 52.13 | 7.29 | 40.64 | 65.10 |
| Starch, %DM | 13 | 0.91 | 0.71 | 0.20 | 2.40 |
| ESC, %DM | 13 | 7.01 | 2.17 | 2.50 | 9.81 |
| WSC, %DM | 13 | 9.35 | 2.33 | 4.02 | 12.34 |
| Fat, %DM | 13 | 2.48 | 0.39 | 1.64 | 3.17 |
| TFA, %DM | 13 | 1.17 | 0.12 | 1.00 | 1.45 |
| Ash, %DM | 13 | 8.66 | 1.05 | 6.19 | 10.36 |
| Calcium, %DM | 13 | 1.64 | 0.21 | 1.32 | 2.13 |
| Phosphorus, %DM | 13 | 0.25 | 0.04 | 0.18 | 0.32 |
| Potassium, %DM | 13 | 1.57 | 0.56 | 1.07 | 2.94 |
| Magnesium, %DM | 13 | 0.23 | 0.08 | 0.15 | 0.47 |
| TDN _{1x} , %DM | 13 | 58.27 | 2.41 | 54.35 | 63.12 |
| NEL _{3x} , Mcal/KgDM | 13 | 1.37 | 0.07 | 1.26 | 1.49 |
| NEG, Mcal/KgDM | 13 | 0.74 | 0.08 | 0.62 | 0.91 |
| Relative Feed Quality | 13 | 133.80 | 13.96 | 114.54 | 163.05 |
| Grass hay | | | | | |
| Moisture, % | 65 | 13.28 | 3.10 | 7.80 | 20.90 |
| Protein (N x 6.25), %DM | 65 | 9.91 | 2.31 | 6.84 | 16.00 |
| Soluble protein, %DM | 65 | 3.06 | 1.15 | 1.35 | 6.31 |
| ADF-CP, %DM | 65 | 1.00 | 0.22 | 0.55 | 1.78 |
| NDF-CP, %DM | 65 | 2.69 | 0.62 | 1.44 | 4.36 |
| ADF, %DM | 65 | 38.49 | 3.35 | 31.49 | 45.23 |
| aNDFom, %DM | 65 | 59.45 | 4.70 | 47.28 | 67.42 |
| uNDFom (12 h), %DM | 65 | 5.76 | 1.11 | 3.26 | 8.40 |
| uNDFom (30 h), %DM | 63 | 40.65 | 6.33 | 24.48 | 55.78 |
| uNDFom (120 h), %DM | 63 | 29.98 | 5.67 | 16.16 | 43.26 |
| uNDFom (240 h), %DM | 63 | 22.03 | 4.41 | 12.85 | 32.40 |
| NDFD (12 h), %NDF | 65 | 20.50 | 4.15 | 12.57 | 29.88 |
| NDFD (30 h), %NDF | 63 | 32.07 | 6.74 | 17.26 | 48.22 |
| NDFD (120 h), %NDF | 63 | 49.97 | 6.85 | 35.84 | 65.82 |
| NDFD (240 h), %NDF | 63 | 63.23 | 5.56 | 51.94 | 74.82 |

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|-------------------------------|----|--------|-------|-------|--------|
| Lignin, %DM | 65 | 65.70 | 5.36 | 54.84 | 77.03 |
| Starch, %DM | 65 | 0.49 | 0.41 | 0.25 | 1.78 |
| ESC, %DM | 63 | 9.07 | 2.07 | 3.81 | 14.13 |
| WSC, %DM | 65 | 11.52 | 2.18 | 6.11 | 16.80 |
| Fat, %DM | 65 | 2.77 | 0.53 | 1.50 | 4.19 |
| TFA, %DM | 65 | 1.06 | 0.30 | 0.42 | 1.88 |
| Ash, %DM | 65 | 7.18 | 1.32 | 4.65 | 10.37 |
| Calcium, %DM | 65 | 0.59 | 0.25 | 0.25 | 1.32 |
| Phosphorus, %DM | 65 | 0.18 | 0.07 | 0.09 | 0.45 |
| Potassium, %DM | 65 | 1.46 | 0.44 | 0.58 | 2.81 |
| Magnesium, %DM | 65 | 0.17 | 0.05 | 0.09 | 0.33 |
| TDN _{1x} , %DM | 65 | 57.68 | 3.01 | 49.85 | 64.70 |
| NEL _{3x} , Mcal/KgDM | 63 | 1.29 | 0.09 | 1.06 | 1.48 |
| NEG, Mcal/KgDM | 65 | 0.66 | 0.10 | 0.42 | 0.92 |
| Relative Feed Quality | 65 | 105.92 | 13.55 | 80.27 | 141.94 |
| Mixed hay | | | | | |
| Moisture, % | 43 | 13.17 | 2.17 | 9.56 | 20.91 |
| Protein (N x 6.25), %DM | 43 | 12.33 | 2.59 | 8.19 | 18.67 |
| Soluble protein, %DM | 43 | 4.43 | 1.37 | 2.04 | 7.62 |
| ADF-CP, %DM | 43 | 1.08 | 0.20 | 0.70 | 1.65 |
| NDF-CP, %DM | 43 | 2.42 | 0.50 | 1.44 | 3.53 |
| ADF, %DM | 43 | 39.54 | 3.23 | 29.41 | 45.05 |
| aNDFom, %DM | 43 | 55.27 | 4.93 | 42.46 | 64.96 |
| uNDFom (12 h), %DM | 43 | 6.66 | 1.32 | 4.36 | 9.51 |
| uNDFom (30 h), %DM | 42 | 37.12 | 6.47 | 20.37 | 50.93 |
| uNDFom (120 h), %DM | 42 | 28.32 | 5.38 | 14.07 | 40.33 |
| uNDFom (240 h), %DM | 42 | 22.15 | 4.38 | 10.56 | 30.89 |
| NDFD (12 h), %NDF | 43 | 20.77 | 4.19 | 9.99 | 29.76 |
| NDFD (30 h), %NDF | 42 | 33.09 | 7.67 | 14.42 | 52.03 |
| NDFD (120 h), %NDF | 42 | 48.84 | 7.66 | 32.23 | 66.86 |
| NDFD (240 h), %NDF | 42 | 59.83 | 7.36 | 43.64 | 76.50 |
| Lignin, %DM | 43 | 62.35 | 7.34 | 45.70 | 78.55 |
| Starch, %DM | 43 | 0.72 | 0.62 | 0.25 | 3.00 |
| ESC, %DM | 42 | 7.81 | 1.89 | 3.09 | 11.20 |
| WSC, %DM | 43 | 10.26 | 1.93 | 5.74 | 13.85 |
| Fat, %DM | 43 | 2.49 | 0.45 | 1.42 | 3.47 |
| TFA, %DM | 43 | 1.10 | 0.19 | 0.84 | 1.65 |
| Ash, %DM | 43 | 7.73 | 1.48 | 4.77 | 10.71 |
| Calcium, %DM | 43 | 0.88 | 0.25 | 0.51 | 1.82 |
| Phosphorus, %DM | 43 | 0.21 | 0.07 | 0.09 | 0.44 |
| Potassium, %DM | 43 | 1.63 | 0.48 | 0.78 | 2.82 |
| Magnesium, %DM | 43 | 0.19 | 0.07 | 0.10 | 0.47 |
| TDN _{1x} , %DM | 43 | 57.02 | 2.36 | 51.91 | 63.05 |
| NEL _{3x} , Mcal/KgDM | 42 | 1.30 | 0.07 | 1.16 | 1.47 |
| NEG, Mcal/KgDM | 43 | 0.66 | 0.08 | 0.53 | 0.89 |
| Relative Feed Quality | 43 | 109.23 | 13.18 | 88.21 | 153.24 |
| Straw | | | | | |
| Moisture, % | 14 | 12.04 | 8.81 | 6.98 | 43.19 |
| Protein (N x 6.25), %DM | 14 | 5.07 | 1.04 | 2.69 | 6.51 |
| Soluble protein, %DM | 14 | 0.83 | 0.13 | 0.69 | 1.13 |
| ADF-CP, %DM | 14 | 0.62 | 0.38 | 0.05 | 1.61 |
| NDF-CP, %DM | 14 | 11.81 | 6.04 | 1.00 | 24.73 |

| | | | | | |
|-------------------------------|----|-------|------|-------|-------|
| ADF, %DM | 14 | 50.67 | 3.17 | 44.13 | 57.10 |
| aNDFom, %DM | 14 | 74.67 | 3.32 | 66.32 | 78.63 |
| uNDFom (12 h), %DM | 14 | 7.24 | 0.82 | 5.96 | 9.24 |
| uNDFom (30 h), %DM | 14 | 60.02 | 4.82 | 50.05 | 67.51 |
| uNDFom (120 h), %DM | 14 | 44.42 | 4.01 | 36.71 | 52.45 |
| uNDFom (240 h), %DM | 14 | 32.13 | 3.23 | 26.50 | 39.27 |
| NDFD (12 h), %NDF | 14 | 29.96 | 3.16 | 24.62 | 37.29 |
| NDFD (30 h), %NDF | 14 | 19.73 | 3.64 | 13.25 | 24.53 |
| NDFD (120 h), %NDF | 14 | 40.60 | 3.52 | 32.60 | 44.73 |
| NDFD (240 h), %NDF | 14 | 57.03 | 3.16 | 49.54 | 60.75 |
| Lignin, %DM | 14 | 59.93 | 3.20 | 52.08 | 63.98 |
| Starch, %DM | 14 | 1.61 | 1.35 | 0.25 | 4.80 |
| ESC, %DM | 14 | 3.73 | 1.08 | 2.50 | 6.11 |
| WSC, %DM | 14 | 5.10 | 1.22 | 3.45 | 7.55 |
| Fat, %DM | 14 | 1.66 | 0.35 | 1.05 | 2.20 |
| TFA, %DM | 14 | 0.53 | 0.17 | 0.15 | 0.81 |
| Ash, %DM | 14 | 7.69 | 2.53 | 3.02 | 11.30 |
| Calcium, %DM | 14 | 0.25 | 0.08 | 0.15 | 0.46 |
| Phosphorus, %DM | 14 | 0.09 | 0.02 | 0.05 | 0.12 |
| Potassium, %DM | 14 | 1.27 | 0.37 | 0.66 | 1.80 |
| Magnesium, %DM | 14 | 0.09 | 0.02 | 0.06 | 0.14 |
| TDN _{1x} , %DM | 14 | 49.44 | 3.26 | 43.56 | 54.73 |
| NEL _{3x} , Mcal/KgDM | 14 | 1.01 | 0.10 | 0.81 | 1.18 |
| NEG, Mcal/KgDM | 14 | 0.36 | 0.11 | 0.15 | 0.54 |
| Relative Feed Quality | 14 | 62.35 | 6.49 | 51.64 | 76.79 |

EASTERN ONTARIO HAYLAGE

JUNE 2025- JANUARY 2026

| Item | N° Samples | Mean | S.D. | Min | Max |
|--|---------------|--------|-------|-------|--------|
| <i>ONTARIO – Legume haylage</i> | | | | | |
| Moisture, % | 179 | 53.04 | 12.37 | 23.35 | 78.28 |
| Protein (N x 6.25), %DM | 179 | 19.61 | 1.87 | 10.33 | 23.99 |
| Soluble protein, %DM | 179 | 11.07 | 2.29 | 3.05 | 17.12 |
| ADF-CP, %DM | 179 | 1.26 | 0.21 | 0.82 | 2.23 |
| NDF-CP, %DM | 179 | 3.01 | 0.84 | 1.52 | 5.77 |
| ADF, %DM | 179 | 32.85 | 3.78 | 21.87 | 49.34 |
| aNDFom, %DM | 179 | 38.93 | 4.49 | 27.18 | 64.47 |
| uNDFom (12 h), %DM | 179 | 6.39 | 1.13 | 3.39 | 12.41 |
| uNDFom (30 h), %DM | 177 | 23.46 | 4.00 | 12.71 | 34.06 |
| uNDFom (120 h), %DM | 177 | 19.53 | 3.41 | 11.41 | 28.66 |
| uNDFom (240 h), %DM | 177 | 17.93 | 3.26 | 9.23 | 26.86 |
| NDFD (12 h), %NDF | 179 | 17.40 | 3.22 | 8.28 | 26.10 |
| NDFD (30 h), %NDF | 177 | 39.85 | 5.48 | 25.40 | 54.87 |
| NDFD (120 h), %NDF | 177 | 49.88 | 5.32 | 36.77 | 62.28 |
| NDFD (240 h), %NDF | 177 | 53.97 | 5.59 | 40.71 | 71.64 |
| Lignin, %DM | 179 | 55.47 | 5.59 | 42.09 | 73.60 |
| Starch, %DM | 179 | 0.99 | 1.03 | 0.20 | 7.24 |
| ESC, %DM | 177 | 3.88 | 1.70 | 0.32 | 9.58 |
| WSC, %DM | 179 | 5.55 | 2.55 | 0.45 | 11.72 |
| Fat, %DM | 179 | 3.49 | 0.64 | 2.09 | 5.03 |
| TFA, %DM | 179 | 1.49 | 0.29 | 0.76 | 2.15 |
| Ash, %DM | 179 | 9.89 | 1.25 | 6.87 | 13.68 |
| Calcium, %DM | 179 | 1.70 | 0.38 | 0.83 | 3.24 |
| Phosphorus, %DM | 179 | 0.28 | 0.05 | 0.15 | 0.39 |
| Potassium, %DM | 179 | 2.29 | 0.53 | 1.14 | 4.05 |
| Magnesium, %DM | 179 | 0.26 | 0.07 | 0.14 | 0.49 |
| TDN _{1x} , %DM | 177 | 61.09 | 2.73 | 52.87 | 67.90 |
| NEL _{3x} , Mcal/KgDM | 177 | 1.45 | 0.06 | 1.26 | 1.61 |
| NEG, Mcal/KgDM | 177 | 0.85 | 0.08 | 0.63 | 1.07 |
| Relative Feed Quality | 179 | 171.18 | 24.49 | 93.76 | 255.26 |
| <i>Grass haylage</i> | | | | | |
| Moisture, % | 34 | 54.29 | 16.79 | 23.13 | 81.85 |
| Protein (N x 6.25), %DM | 34 | 14.23 | 3.00 | 9.23 | 21.93 |
| Soluble protein, %DM | 34 | 7.37 | 3.30 | 2.25 | 16.25 |
| ADF-CP, %DM | 34 | 0.88 | 0.29 | 0.37 | 1.58 |
| NDF-CP, %DM | 34 | 2.97 | 0.76 | 1.65 | 4.71 |
| ADF, %DM | 34 | 35.27 | 3.61 | 28.37 | 42.70 |
| aNDFom, %DM | 34 | 51.28 | 5.94 | 39.08 | 61.52 |
| uNDFom (12 h), %DM | 34 | 4.02 | 1.48 | 1.51 | 7.40 |
| uNDFom (30 h), %DM | 34 | 29.40 | 5.95 | 18.45 | 42.58 |
| uNDFom (120 h), %DM | 34 | 20.01 | 4.98 | 11.78 | 31.05 |
| uNDFom (240 h), %DM | 34 | 14.57 | 4.31 | 6.57 | 23.33 |
| NDFD (12 h), %NDF | 34 | 13.72 | 4.20 | 6.07 | 22.39 |
| NDFD (30 h), %NDF | 34 | 43.15 | 5.85 | 30.68 | 54.24 |
| NDFD (120 h), %NDF | 34 | 61.35 | 6.71 | 48.64 | 73.67 |
| NDFD (240 h), %NDF | 34 | 71.85 | 6.90 | 52.58 | 86.09 |

| | | | | | |
|-------------------------------|-----|--------|-------|--------|--------|
| Lignin, %DM | 34 | 73.49 | 6.85 | 53.99 | 87.66 |
| Starch, %DM | 34 | 0.97 | 1.22 | 0.20 | 6.40 |
| ESC, %DM | 34 | 4.19 | 1.78 | 1.02 | 7.29 |
| WSC, %DM | 34 | 6.52 | 2.89 | 2.26 | 12.80 |
| Fat, %DM | 34 | 3.75 | 0.78 | 2.64 | 5.86 |
| TFA, %DM | 34 | 1.48 | 0.30 | 0.99 | 2.26 |
| Ash, %DM | 34 | 9.07 | 1.83 | 5.43 | 13.79 |
| Calcium, %DM | 34 | 0.64 | 0.28 | 0.26 | 1.70 |
| Phosphorus, %DM | 34 | 0.28 | 0.09 | 0.09 | 0.46 |
| Potassium, %DM | 34 | 2.28 | 0.59 | 0.86 | 3.38 |
| Magnesium, %DM | 34 | 0.19 | 0.06 | 0.10 | 0.36 |
| TDN _{1x} , %DM | 34 | 61.84 | 3.74 | 54.33 | 67.86 |
| NEL _{3x} , Mcal/KgDM | 34 | 1.41 | 0.09 | 1.24 | 1.58 |
| NEG, Mcal/KgDM | 34 | 0.82 | 0.12 | 0.60 | 1.03 |
| Relative Feed Quality | 34 | 138.79 | 22.02 | 105.37 | 186.98 |
| Mixed haylage | | | | | |
| Moisture, % | 333 | 54.43 | 12.41 | 21.33 | 79.72 |
| Protein (N x 6.25), %DM | 333 | 16.91 | 2.42 | 9.41 | 23.14 |
| Soluble protein, %DM | 333 | 9.02 | 2.42 | 2.11 | 15.82 |
| ADF-CP, %DM | 333 | 1.17 | 0.26 | 0.68 | 2.61 |
| NDF-CP, %DM | 333 | 3.08 | 0.81 | 1.36 | 5.54 |
| ADF, %DM | 333 | 34.94 | 3.69 | 17.13 | 48.43 |
| aNDFom, %DM | 333 | 44.69 | 5.37 | 32.12 | 64.94 |
| uNDFom (12 h), %DM | 333 | 5.49 | 1.45 | 1.79 | 11.76 |
| uNDFom (30 h), %DM | 330 | 26.51 | 4.96 | 14.55 | 43.72 |
| uNDFom (120 h), %DM | 330 | 20.13 | 4.05 | 10.81 | 35.89 |
| uNDFom (240 h), %DM | 330 | 16.72 | 3.80 | 8.19 | 32.53 |
| NDFD (12 h), %NDF | 333 | 16.02 | 3.77 | 7.59 | 31.73 |
| NDFD (30 h), %NDF | 330 | 40.96 | 5.75 | 21.77 | 56.81 |
| NDFD (120 h), %NDF | 330 | 55.06 | 6.23 | 35.78 | 73.09 |
| NDFD (240 h), %NDF | 330 | 62.56 | 7.08 | 41.20 | 80.30 |
| Lignin, %DM | 332 | 64.14 | 7.20 | 42.88 | 82.39 |
| Starch, %DM | 333 | 1.00 | 0.84 | 0.20 | 6.07 |
| ESC, %DM | 330 | 3.79 | 1.44 | 1.22 | 8.24 |
| WSC, %DM | 333 | 5.54 | 2.29 | 1.36 | 11.85 |
| Fat, %DM | 333 | 3.60 | 0.69 | 1.22 | 5.47 |
| TFA, %DM | 333 | 1.49 | 0.32 | 0.67 | 2.29 |
| Ash, %DM | 333 | 9.67 | 1.53 | 5.10 | 20.39 |
| Calcium, %DM | 332 | 1.13 | 0.27 | 0.44 | 2.21 |
| Phosphorus, %DM | 333 | 0.29 | 0.06 | 0.13 | 0.45 |
| Potassium, %DM | 333 | 2.30 | 0.54 | 0.94 | 4.22 |
| Magnesium, %DM | 333 | 0.24 | 0.06 | 0.11 | 0.45 |
| TDN _{1x} , %DM | 330 | 60.74 | 3.20 | 47.71 | 70.20 |
| NEL _{3x} , Mcal/KgDM | 330 | 1.42 | 0.08 | 1.02 | 1.62 |
| NEG, Mcal/KgDM | 330 | 0.81 | 0.10 | 0.38 | 1.10 |
| Relative Feed Quality | 333 | 151.34 | 21.54 | 90.90 | 229.07 |

EASTERN ONTARIO CORN SILAGE
SEPTEMBER 2025- JANUARY 2026

| Item | N° Samples | Mean | S.D. | Min | Max |
|----------------------------------|---------------|--------|-------|--------|--------|
| ONTARIO - Corn silage | | | | | |
| Moisture, % | 237 | 64.09 | 5.75 | 49.65 | 82.39 |
| Protein (N x 6.25), %DM | 237 | 7.94 | 0.96 | 6.01 | 14.30 |
| Soluble protein, %DM | 237 | 5.05 | 0.78 | 3.06 | 7.62 |
| ADF-CP, %DM | 237 | 0.60 | 0.17 | 0.37 | 2.05 |
| NDF-CP, %DM | 237 | 1.14 | 0.25 | 0.51 | 2.70 |
| ADF, %DM | 237 | 23.61 | 2.91 | 16.78 | 35.03 |
| aNDFom, %DM | 237 | 40.60 | 4.80 | 30.07 | 57.42 |
| Lignin, %DM | 237 | 2.38 | 0.50 | 1.39 | 7.83 |
| uNDFom (12 h), %DM | 232 | 27.51 | 3.86 | 19.56 | 45.22 |
| uNDFom (30 h), %DM | 232 | 16.51 | 2.03 | 12.72 | 25.83 |
| uNDFom (120 h), %DM | 232 | 11.33 | 1.64 | 8.32 | 20.01 |
| uNDFom (240 h), %DM | 237 | 10.29 | 1.80 | 7.44 | 25.04 |
| NDFD (12 h), %NDF | 232 | 32.32 | 2.66 | 21.25 | 38.38 |
| NDFD (30 h), %NDF | 232 | 59.20 | 3.32 | 49.71 | 71.73 |
| NDFD (120 h), %NDF | 232 | 72.07 | 2.47 | 64.02 | 77.44 |
| NDFD (240 h), %NDF | 237 | 74.66 | 3.05 | 46.70 | 79.92 |
| Starch, %DM | 237 | 29.22 | 7.70 | 2.41 | 44.23 |
| SCHD-7h, %SCH | 227 | 77.04 | 4.49 | 45.00 | 85.83 |
| ESC, %DM | 232 | 3.38 | 1.74 | 0.60 | 14.11 |
| WSC, %DM | 237 | 3.72 | 1.82 | 0.77 | 15.82 |
| Fat, %DM | 237 | 3.18 | 0.39 | 1.80 | 4.42 |
| TFA, %DM | 237 | 1.96 | 0.36 | 0.87 | 2.69 |
| Ash, %DM | 237 | 4.28 | 0.74 | 2.69 | 6.68 |
| Calcium, %DM | 237 | 0.25 | 0.08 | 0.12 | 0.67 |
| Phosphorus, %DM | 237 | 0.18 | 0.04 | 0.08 | 0.37 |
| Potassium, %DM | 237 | 0.89 | 0.22 | 0.40 | 1.84 |
| Magnesium, %DM | 237 | 0.15 | 0.05 | 0.07 | 0.40 |
| TDN _{1x} , %DM | 237 | 72.54 | 2.89 | 58.63 | 77.97 |
| NEL _{3x} , Mcal/KgDM | 232 | 1.56 | 0.05 | 1.36 | 1.66 |
| NEG, Mcal/KgDM | 237 | 1.06 | 0.07 | 0.69 | 1.20 |
| Relative Feed Quality | 237 | 200.42 | 27.39 | 122.52 | 277.72 |
| ONTARIO – BMR Corn silage | | | | | |
| Moisture, % | 11 | 65.75 | 5.47 | 56.12 | 76.48 |
| Protein (N x 6.25), %DM | 11 | 8.56 | 0.94 | 7.27 | 10.94 |
| Soluble protein, %DM | 11 | 5.79 | 0.94 | 4.57 | 7.99 |
| ADF-CP, %DM | 11 | 0.60 | 0.08 | 0.46 | 0.78 |
| NDF-CP, %DM | 11 | 1.02 | 0.22 | 0.76 | 1.44 |
| ADF, %DM | 11 | 23.17 | 3.41 | 18.61 | 31.46 |
| aNDFom, %DM | 11 | 39.97 | 5.59 | 34.80 | 53.78 |
| Lignin, %DM | 11 | 2.02 | 0.35 | 1.40 | 2.68 |
| uNDFom (12 h), %DM | 11 | 24.37 | 4.25 | 20.03 | 34.49 |
| uNDFom (30 h), %DM | 11 | 13.01 | 2.00 | 10.44 | 17.66 |
| uNDFom (120 h), %DM | 11 | 8.24 | 1.51 | 6.50 | 11.49 |
| uNDFom (240 h), %DM | 11 | 7.16 | 1.43 | 5.63 | 10.31 |

| | | | | | |
|-------------------------------|----|--------|-------|--------|--------|
| NDFD (12 h), %NDF | 11 | 39.28 | 2.27 | 35.71 | 42.98 |
| NDFD (30 h), %NDF | 11 | 67.48 | 1.73 | 65.16 | 70.64 |
| NDFD (120 h), %NDF | 11 | 79.48 | 1.36 | 77.33 | 81.87 |
| NDFD (240 h), %NDF | 11 | 82.21 | 1.44 | 80.10 | 84.97 |
| Starch, %DM | 11 | 27.49 | 8.77 | 3.76 | 36.45 |
| SCHD-7h, %SCH | 11 | 75.76 | 10.20 | 45.00 | 83.69 |
| ESC, %DM | 11 | 2.38 | 1.13 | 0.60 | 4.53 |
| WSC, %DM | 11 | 2.66 | 1.18 | 0.78 | 4.83 |
| Fat, %DM | 11 | 3.73 | 0.52 | 2.85 | 4.34 |
| TFA, %DM | 11 | 2.07 | 0.48 | 0.99 | 2.58 |
| Ash, %DM | 11 | 4.61 | 0.92 | 3.42 | 5.93 |
| Calcium, %DM | 11 | 0.29 | 0.08 | 0.19 | 0.44 |
| Phosphorus, %DM | 11 | 0.21 | 0.03 | 0.16 | 0.26 |
| Potassium, %DM | 11 | 0.90 | 0.31 | 0.60 | 1.81 |
| Magnesium, %DM | 11 | 0.18 | 0.06 | 0.12 | 0.35 |
| TDN _{1x} , %DM | 11 | 73.16 | 3.16 | 65.64 | 76.83 |
| NEL _{3x} , Mcal/KgDM | 11 | 1.58 | 0.05 | 1.46 | 1.64 |
| NEG, Mcal/KgDM | 11 | 1.08 | 0.08 | 0.90 | 1.17 |
| Relative Feed Quality | 11 | 205.70 | 29.29 | 139.92 | 239.53 |
| Fresh corn silage | | | | | |
| Moisture, % | 86 | 61.58 | 8.20 | 37.91 | 79.65 |
| Protein (N x 6.25), %DM | 86 | 8.22 | 0.86 | 6.14 | 10.92 |
| Soluble protein, %DM | 86 | 3.28 | 0.61 | 2.02 | 5.08 |
| ADF-CP, %DM | 86 | 0.68 | 0.17 | 0.44 | 1.35 |
| NDF-CP, %DM | 86 | 1.31 | 0.23 | 0.91 | 2.21 |
| ADF, %DM | 86 | 23.89 | 3.85 | 14.96 | 34.71 |
| aNDFom, %DM | 86 | 42.25 | 6.26 | 28.40 | 62.23 |
| Lignin, %DM | 86 | 2.36 | 0.45 | 1.43 | 3.66 |
| uNDFom (12 h), %DM | 86 | 29.44 | 5.21 | 18.63 | 45.00 |
| uNDFom (30 h), %DM | 86 | 17.13 | 2.70 | 11.59 | 24.59 |
| uNDFom (120 h), %DM | 86 | 12.38 | 2.19 | 7.96 | 18.09 |
| uNDFom (240 h), %DM | 86 | 11.26 | 2.03 | 7.01 | 16.28 |
| NDFD (12 h), %NDF | 86 | 30.58 | 3.36 | 21.73 | 39.13 |
| NDFD (30 h), %NDF | 86 | 59.33 | 3.91 | 48.90 | 68.01 |
| NDFD (120 h), %NDF | 86 | 70.72 | 2.73 | 64.92 | 78.40 |
| NDFD (240 h), %NDF | 86 | 73.36 | 2.73 | 67.24 | 81.46 |
| Starch, %DM | 86 | 29.42 | 8.56 | 6.99 | 49.21 |
| SCHD-7h, %SCH | 85 | 66.88 | 6.00 | 43.00 | 75.39 |
| ESC, %DM | 86 | 5.20 | 2.61 | 0.20 | 13.28 |
| WSC, %DM | 86 | 5.71 | 2.91 | 0.30 | 14.95 |
| Fat, %DM | 86 | 2.68 | 0.35 | 1.93 | 3.55 |
| TFA, %DM | 86 | 1.93 | 0.38 | 0.90 | 2.68 |
| Ash, %DM | 86 | 4.46 | 0.87 | 2.85 | 7.46 |
| Calcium, %DM | 86 | 0.29 | 0.09 | 0.14 | 0.57 |
| Phosphorus, %DM | 86 | 0.18 | 0.04 | 0.11 | 0.30 |
| Potassium, %DM | 86 | 0.89 | 0.28 | 0.36 | 2.22 |
| Magnesium, %DM | 86 | 0.17 | 0.05 | 0.09 | 0.31 |
| TDN _{1x} , %DM | 86 | 71.99 | 3.43 | 62.63 | 79.12 |
| NEL _{3x} , Mcal/KgDM | 86 | 1.55 | 0.06 | 1.37 | 1.67 |
| NEG, Mcal/KgDM | 86 | 1.05 | 0.09 | 0.79 | 1.23 |
| Relative Feed Quality | 86 | 194.40 | 34.93 | 118.07 | 296.93 |

EASTERN ONTARIO CORN GRAIN
SEPTEMBER 2025- JANUARY 2026

| Item | N° Samples | Mean | S.D. | Min | Max |
|--|---------------|-------|------|-------|-------|
| <i>ONTARIO – High moisture corn</i> | | | | | |
| Moisture, % | 26 | 25.62 | 4.16 | 17.87 | 36.01 |
| Protein (N x 6.25), %DM | 26 | 7.42 | 0.72 | 6.07 | 8.68 |
| Soluble protein, %DM | 26 | 3.58 | 0.93 | 2.63 | 5.80 |
| ADF-CP, %DM | 26 | 0.39 | 0.13 | 0.10 | 0.55 |
| NDF-CP, %DM | 26 | 0.60 | 0.26 | 0.38 | 1.40 |
| ADF, %DM | 26 | 2.11 | 0.51 | 1.30 | 3.74 |
| aNDFom, %DM | 26 | 7.24 | 0.92 | 5.30 | 9.74 |
| Starch, %DM | 26 | 73.04 | 2.26 | 67.76 | 77.47 |
| SCHD-7h, %SCH | 26 | 56.46 | 8.62 | 46.86 | 78.00 |
| ESC, %DM | 26 | 2.47 | 0.81 | 0.74 | 3.75 |
| WSC, %DM | 26 | 3.04 | 0.91 | 0.99 | 4.45 |
| Fat, %DM | 26 | 3.91 | 0.43 | 3.33 | 5.59 |
| TFA, %DM | 26 | 3.53 | 0.34 | 3.03 | 4.85 |
| Ash, %DM | 26 | 1.25 | 0.22 | 0.92 | 1.82 |
| Calcium, %DM | 26 | 0.01 | 0.01 | 0.00 | 0.03 |
| Phosphorus, %DM | 26 | 0.26 | 0.04 | 0.19 | 0.33 |
| Potassium, %DM | 26 | 0.35 | 0.05 | 0.24 | 0.45 |
| Magnesium, %DM | 26 | 0.10 | 0.01 | 0.07 | 0.13 |
| TDN _{1x} , %DM | 26 | 89.71 | 0.48 | 88.09 | 90.52 |
| NEL _{3x} , Mcal/KgDM | 26 | 1.88 | 0.01 | 1.85 | 1.90 |
| NEG, Mcal/KgDM | 26 | 1.49 | 0.01 | 1.45 | 1.51 |