

TJ Micromix Silage Data

| <i>MENOKEN NDTJ MICROMIX RESULTS SUMMARY ON SILAGE</i> | | | | | * | ** | *** | | **** | | | |
|--|-------------|----------------|------------------|-------------------|-------------------------|------------|------------|------------|------------|------------|------------|--------------|
| <i>PLOT LOCATION</i> | <i>YEAR</i> | <i>VARIETY</i> | <i>TREATMENT</i> | <i>% MOISTURE</i> | <i>TONS @ 65% MOIST</i> | <i>DMI</i> | <i>RFV</i> | <i>NEL</i> | <i>NEM</i> | <i>NEG</i> | <i>%CP</i> | <i>%PHOS</i> |
| MENOKEN ND | 1996 | N1699 | CHECK | 65.7 | 16.7 | 2.5 | 127 | 70.6 | 71.7 | 44.5 | 9.2 | NA |
| MENOKEN ND | 1996 | N1699 | TJ MICRO | 62.0 | 18.4 | 2.6 | 134 | 71.1 | 72.3 | 45.0 | 9.4 | NA |
| MENOKEN ND | 1996 | XR1896 | CHECK | 67.6 | 13.4 | 2.4 | 122 | 69.9 | 70.8 | 43.6 | 8.5 | NA |
| MENOKEN ND | 1996 | XR1896 | TJ MICRO | 71.5 | 13.8 | 2.6 | 133 | 70.8 | 67.3 | 44.6 | 9.3 | NA |
| MENOKEN ND | 1996 | N3013 | CHECK | 63.5 | 15.1 | 2.3 | 116 | 68.8 | 69.3 | 42.4 | 8.0 | NA |
| MENOKEN ND | 1996 | N3013 | TJ MICRO | 64.9 | 16.5 | 2.5 | 127 | 70.2 | 71.2 | 44.0 | 9.5 | NA |
| MENOKEN ND | 1996 | N2879 | CHECK | 68.1 | 19.1 | 2.7 | 143 | 72.3 | 73.8 | 46.3 | 8.8 | NA |
| MENOKEN ND | 1996 | N2879 | TJ MICRO | 63.1 | 23.2 | 2.5 | 133 | 71.8 | 73.2 | 45.8 | 9.2 | NA |
| MENOKEN ND | 1996 | N4342wx | CHECK | 70.4 | 18.6 | 2.3 | 114 | 68.7 | 69.2 | 42.2 | 8.6 | NA |
| MENOKEN ND | 1996 | N4342wx | TJ MICRO | 63.9 | 24.2 | 2.5 | 130 | 71.3 | 72.6 | 45.3 | 8.5 | NA |
| MENOKEN ND | 1996 | REA3108 | CHECK | 74.4 | 20.5 | 2.4 | 123 | 70.7 | 71.8 | 44.5 | 9.1 | NA |
| MENOKEN ND | 1996 | REA3108 | TJ MICRO | 75.0 | 20.7 | 2.2 | 110 | 67.9 | 68.1 | 41.3 | 9.5 | NA |

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|-------------|------|---------|----------|-------|-------|------|-----|-------|-------|-------|------|------|
| MENOKEN ND | 1996 | TMF94 | CHECK | 71.0 | 14.9 | 2.2 | 112 | 68.5 | 68.9 | 42.0 | 9.9 | NA |
| MENOKEN ND | 1996 | TMF94 | TJ MICRO | 70.7 | 17.6 | 2.5 | 131 | 71.8 | 73.3 | 45.9 | 10.7 | NA |
| MANDAN ND | 1997 | NK 2409 | CHECK | 56.07 | 11.72 | 2.49 | 130 | 71.39 | 72.67 | 45.33 | 6.62 | 0.21 |
| MANDAN ND | 1997 | NK 2409 | TJ MICRO | 51.97 | 16.02 | 2.55 | 135 | 71.88 | 75.3 | 45.89 | 7.46 | 0.21 |
| PEERLESS ND | 1997 | NK 0711 | CHECK | 78.63 | 15.8 | 2.72 | 145 | 70.0 | 72.0 | 45.0 | 6.51 | 0.21 |
| PEERLESS ND | 1997 | NK 0711 | TJ MICRO | 76.48 | 17.6 | 2.73 | 145 | 69.9 | 72.0 | 45.0 | 7.18 | 0.23 |
| SIDNEY MT | 1997 | P 3941 | CHECK | 71.5 | 26.1 | 2.9 | 157 | 72.5 | 74.0 | 47.0 | 6.44 | 0.24 |
| SIDNEY MT | 1997 | P3941 | TJ MICRO | 63.28 | 30.88 | 2.77 | 146 | 68.5 | 71.0 | 44.0 | 6.16 | 0.22 |
| MENOKEN ND | 1997 | NK 2409 | CHECK | 54.84 | 16.03 | 2.55 | 137 | 72.79 | 74.48 | 46.93 | 7.63 | 0.23 |
| MENOKEN ND | 1997 | NK 2409 | TJ MICRO | 62.21 | 17.5 | 3.45 | 195 | 76.57 | 79.3 | 51.17 | 8.77 | 0.27 |
| HAZELTON ND | 1998 | 2555BT | CHECK | 65.12 | 19.2 | 2.82 | 152 | 73.08 | 74.85 | 47.26 | 6.53 | 0.22 |
| HAZELTON ND | 1998 | 2555BT | TJ MICRO | 75.44 | 20.48 | 2.89 | 156 | 73.38 | 75.24 | 47.6 | 8.28 | 0.26 |
| BEACH ND | 1998 | 2555BT | CHECK | 63.33 | 17.13 | 2.76 | 148 | 72.89 | 74.61 | 47.04 | 8.5 | 0.25 |
| BEACH ND | 1998 | 2555BT | TJ MICRO | 54.9 | 21.82 | 2.63 | 140 | 72.32 | 73.88 | 46.4 | 7.96 | 0.23 |

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|--------------|------|-----------|----------|-------|-------|------|--------|-------|-------|-------|-------|------|
| CRESBARD SD | 1998 | MAX 357 | CHECK | 64.91 | 22.24 | 2.68 | 143 | 72.22 | 73.75 | 46.28 | 8.42 | 0.25 |
| CRESBARD SD | 1998 | MAX 357 | TJ MICRO | 60.15 | 23.89 | 3.2 | 177 | 74.84 | 77.1 | 49.25 | 8.45 | 0.26 |
| WATERTOWN SD | 1999 | 3030BT | CHECK | 68.01 | 28.14 | 2.57 | 133.36 | 70.47 | 71.49 | 44.27 | 8.33 | 0.25 |
| WATERTOWN SD | 1999 | 3030BT | TJ MICRO | 63.47 | 32.13 | 2.62 | 137.66 | 71.31 | 72.57 | 45.24 | 8.59 | 0.27 |
| WEBSTER SD | 1999 | 3030BT | CHECK | 60.57 | 24.34 | 2.91 | 156.94 | 73.1 | 74.88 | 47.29 | 8.92 | 0.3 |
| WEBSTER SD | 1999 | 3030BT | TJ MICRO | 65.38 | 26.03 | 3.35 | 187.63 | 75.79 | 78.31 | 50.31 | 8.52 | 0.29 |
| GROTON SD | 1999 | 3030BT | CHECK | 62.49 | 24.65 | 2.69 | 141.76 | 71.51 | 72.83 | 45.57 | 9.5 | 0.29 |
| GROTON SD | 1999 | 3030BT | TJ MICRO | 63.25 | 26.16 | 2.76 | 147.59 | 72.51 | 74.12 | 46.61 | 9.76 | 0.29 |
| LARIMORE ND | 1999 | 2555BT | CHECK | 69.25 | 18.46 | 2.66 | 139.74 | 71.3 | 72.56 | 45.22 | 10.35 | 0.31 |
| LARIMORE ND | 1999 | 2555BT | TJ MICRO | 76.35 | 22.31 | 2.64 | 137.3 | 70.62 | 67.09 | 44.44 | 9.75 | 0.32 |
| MENOKEN ND | 1999 | N17C5 | CHECK | 65.02 | 16.94 | 2.71 | 143.27 | 71.73 | 73.12 | 45.72 | 8.49 | 0.25 |
| MENOKEN ND | 1999 | N17C5 | TJ MICRO | 61.53 | 21.4 | 3.09 | 170.86 | 74.86 | 77.13 | 49.27 | 10.11 | 0.3 |
| MANDAN ND | 1999 | RR Dekalb | CHECK | 65.17 | 17.02 | 2.59 | 135.44 | 71.0 | 72.17 | 44.88 | 7.18 | 0.26 |
| MANDAN ND | 1999 | RR Dekalb | TJ MICRO | 63.36 | 19.62 | 2.99 | 164.26 | 74.41 | 76.55 | 48.76 | 8.35 | 0.28 |
| BEACH ND | 1999 | N17C5 | CHECK | 77.15 | 10.81 | 2.55 | 134.89 | 71.78 | 73.18 | 45.77 | 10.37 | 0.29 |
| BEACH ND | 1999 | N17C5 | TJ MICRO | 72.27 | 14.5 | 2.56 | 134.59 | 71.35 | 72.63 | 45.29 | 11.06 | 0.3 |

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|---------------------|--|--|--|--|-------|--|--------|--|--|--|--|--|
| CHECK AVERAGE | | | | | 19.8 | | 135.92 | | | | | |
| TJ MICROMIX AVERAGE | | | | | 21.18 | | 146.28 | | | | | |
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* TDN, TOTAL DIGESTIBLE NUTRIENTS, CALCULATED FROM ADF
 ** DM INTAKE, ESTIMATED FROM NDF, % OF ANIMAL BODY WEIGHT
 *** RELATIVE FEED VALUE, FOR HYBRID COMPARISON ONLY, BASED ON TDN & DMI
 **** NEL NET ENERGY - LACTATION, MAINTENANCE, GAIN - Mcal/cwt