

**NDSU Carrington Research Extension Center
2010 Variety Trial Data**

| Cool-Season Forages | | | | | | | | | Carrington |
|----------------------------|------------------|--------------|--------------------|-----------------------|-----------------------|--------------------|-----------------------|-----------------------|--------------------|
| Variety | Forage Treatment | Harvest Date | Harvest Stage | Cereal Height inch | Legume Height inch | Plant Lodge 0-9 | Harvest Moisture % | Yield 15% M ton/ac | Yield DM ton/ac |
| Arvika | forage pea | 8-Jul | flat pod | -- | 41.4 | 4.8 | 80.6 | 2.45 | 2.08 |
| Everleaf | forage oat | 15-Jul | 35 % heading | 24.1 | -- | 0.0 | 75.3 | 1.31 | 1.11 |
| Haybet | forage barley | 8-Jul | early dough | 21.6 | -- | 0.0 | 68.8 | 2.58 | 2.19 |
| Haybet/Arvika | barley/pea | 8-Jul | e.dough/flat pod | 22.8 | 36.1 | 2.8 | 76.4 | 2.88 | 2.45 |
| Hayes | forage barley | 8-Jul | early dough | 24.4 | -- | 0.0 | 69.8 | 2.41 | 2.05 |
| HiFi | oat | 15-Jul | milk | 37.5 | -- | 0.0 | 63.1 | 2.49 | 2.12 |
| Kona | forage oat | 15-Jul | early milk | 28.3 | -- | 0.0 | 67.8 | 1.63 | 1.39 |
| Lavina | forage barley | 8-Jul | early dough | 24.4 | -- | 0.0 | 69.1 | 2.29 | 1.95 |
| Merlin/Arvika | triticale/pea | 2-Jul | anthesis/flowering | 36.2 | 42.2 | 0.0 | 79.3 | 1.93 | 1.64 |
| Morton | oat | 15-Jul | milk | 32.2 | -- | 0.0 | 64.2 | 1.49 | 1.27 |
| Morton/Arvika | oat/pea | 15-Jul | milk/swelled pods | 34.0 | 47.9 | 5.5 | 72.3 | 2.62 | 2.23 |
| Morton/Indianhead | oat/black lentil | 15-Jul | milk/flat pod | 37.4 | 21.9 | 0.0 | 67.7 | 2.29 | 1.95 |
| Paul | naked oat | 15-Jul | watery ripe | 35.5 | -- | 0.0 | 70.1 | 1.43 | 1.21 |
| Soilsaver | black oats | 15-Jul | early milk | 45.3 | -- | 0.0 | 68.4 | 1.66 | 1.41 |
| Stockford | forage barley | 8-Jul | early dough | 25.9 | -- | 0.0 | 72.5 | 2.35 | 2.00 |
| Everleaf/Arvika | oat/pea | 15-Jul | 35%head/swell pods | 25.3 | 48.5 | 4.8 | 77.5 | 2.40 | 2.04 |
| Trical Merlin | forage triticale | 2-Jul | anthesis | 33.6 | -- | 0.0 | 65.8 | 1.28 | 1.09 |
| Trical 141 | forage triticale | 8-Jul | anthesis | 39.1 | -- | 0.0 | 67.0 | 2.06 | 1.75 |
| | | | Mean | 31.1 | 39.2 | 1.0 | 70.9 | 2.09 | 1.77 |
| | | | C.V. (%) | 9.9 | 8.9 | 68.7 | 4.3 | 22.6 | 22.6 |
| | | | LSD 0.05 | 4.4 | 5.3 | 1.0 | 4.4 | 0.67 | 0.57 |

Planting Date = April 29; Harvest Date = see above; Previous Crop = Spring Wheat