

**NDSU Carrington Research Extension Center
2014 Variety Trial Data**

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|------------------------------|-------------------|
| Forage/Cover Crop Pea | Carrington |
|------------------------------|-------------------|

| Variety | Flower Color ¹ | Vine Type | Plant Stand sq ft | Days to Bloom | Plant Lodge 0-9 | Plant/vine Height ² inch | Harvest Moisture % | Biomass Protein % DM | Biomass N con. lb/ac DM | Yield 15 % M ton/ac | Yield DM ton/ac |
|-----------------|------------------------------|--------------|-------------------------|------------------|-----------------------|---|--------------------------|----------------------------|-------------------------------|---------------------------|-----------------------|
| 4010 | P | LV | 6.8 | 52.8 | 2.8 | 33.9 | 86.0 | 19.9 | 108 | 2.02 | 1.72 |
| Admiral | W | SL | 6.0 | 45.5 | 0.3 | 35.7 | 83.7 | 15.8 | 97 | 2.24 | 1.91 |
| Arvika | P | LV | 6.2 | 52.3 | 3.3 | 38.2 | 86.9 | 19.1 | 99 | 1.91 | 1.63 |
| Austrian Winter | P | LV | 7.6 | 54.3 | 3.3 | 32.3 | 86.5 | 20.7 | 87 | 1.52 | 1.29 |
| Flex | W | LV | 5.8 | 51.8 | 3.0 | 32.1 | 88.0 | 18.1 | 66 | 1.35 | 1.15 |
| Forager | P | LV | 5.9 | 52.8 | 2.8 | 30.0 | 86.4 | 17.9 | 84 | 1.73 | 1.47 |
| Granger | P | LV | 5.7 | 53.8 | 2.3 | 33.0 | 87.3 | 19.2 | 89 | 1.66 | 1.41 |
| Shamrock | W | SL | 4.3 | 51.8 | 0.0 | 35.8 | 86.5 | 17.8 | 88 | 1.81 | 1.54 |
| Benito 264 | W | LV | 3.6 | 45.5 | 1.3 | 22.3 | 85.0 | 19.5 | 64 | 1.21 | 1.03 |
| Perfection 326 | W | LV | 3.5 | 47.0 | 1.5 | 26.5 | 86.6 | 21.1 | 79 | 1.36 | 1.16 |
| Mean | | | 5.5 | 50.7 | 2 | 32 | 86.3 | 18.9 | 86.1 | 1.68 | 1.43 |
| C.V. (%) | | | 20.8 | 0.9 | 44.8 | 12.1 | 1 | 8.6 | 23.2 | 19.7 | 19.7 |
| LSD 0.10 | | | 1.4 | 0.5 | 1.1 | 4.7 | 1.1 | 2 | 24.1 | 0.4 | 0.33 |

Planting Date = May 14; Harvest Date = July 14; Previous Crop = Barley

All treatments sown at 350,000 PLS/ac

¹ Flower color: P = Purple, W = White

² Vine type: LV = Long vine, SL = Semi-leafless