

| Grass 'Variety' and species | Applied Nitrogen (lb/ac) | | | | | Grass Average |
|--------------------------------|--------------------------|------|------|------|------|---------------|
| | 0 | 50 | 100 | 150 | 200 | |
| 'Paiute' orchardgrass | 27.1 | 20.9 | 17.3 | 15.3 | 13.0 | 18.7 |
| 'Paddock' meadow brome | 16.4 | 13.7 | 12.4 | 12.2 | 10.8 | 13.1 |
| 'Manchar' smooth brome | 13.8 | 12.6 | 9.7 | 5.4 | 5.8 | 9.4 |
| 'Luna' intermediate wheatgrass | 15.4 | 12.9 | 11.8 | 10.4 | 8.9 | 11.9 |
| 'Oahe' intermediate wheatgrass | 23.9 | 21.6 | 17.6 | 14.3 | 10.9 | 17.7 |
| 'NewHy' hybrid wheatgrass | 12.4 | 9.8 | 10.2 | 8.1 | 6.1 | 9.3 |
| 'Hycrest' crested wheatgrass | 15.2 | 11.8 | 9.2 | 7.4 | 4.0 | 9.5 |
| 'Bozoisky' Russian wildrye | 13.5 | 14.2 | 13.4 | 11.0 | 11.9 | 12.8 |
| <i>Nitrogen Rate Average</i> | 17.2 | 14.7 | 12.7 | 10.5 | 8.9 | |