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| Table 2. Total seasonal yield (lbs/ac) of 5 legume species following direct interseeding into grass-dominated stands (no suppression) or stands that had been suppressed with either glyphosate herbicide or close mowing. Suppression treatments and legume interseeding occurred in the spring of 2010 at sites near Fort Collins, Colorado and Kimberly, Idaho. Yield measurements were taken in 2011 for 1 harvest in Colorado and 2 harvests in Idaho. A control with no interseeding and no fertilization plus a nitrogen fertilized control were included for comparison. |
| Species | No Suppression | Mow | Glyphosate | Mean |
|  | Colorado (lbs/ac) |
| Control |  |  |  | 1091 |
| Fertilized |  |  |  | 2527 |
| Alfalfa | 1391 | 1007 | 3243 | 1880 |
| Birdsfoot Trefoil | 1398 | 1394 | 1756 | 1516 |
| Red Clover | 1063 |  989 | 2204 | 1418 |
| Sainfoin |  891 |  744 | 1124 |  919 |
| White Clover | 1177 | 1075 | 1498 | 1250 |
| Mean | 1184 | 1042 | 1965 |  |
|  | Idaho (lbs/ac) |
| Control |  |  |  | 4025 |
| Fertilized |  |  |  |  3438a |
| Alfalfa | 3564 | 3558 | 4324 | 3815 |
| Birdsfoot Trefoil | 3786 | 4289 | 4097 | 4057 |
| Red Clover | 5073 | 4774 | 5666 | 5171 |
| Sainfoin | 3815 | 3276 | 4241 | 3778 |
| White Clover | 4247 | 3797 | 3702 | 3915 |
| Mean | 4097 | 3939 | 4406 |  |
| aPlot was not fertilized in 2011. |