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| Table 1.1. Sprinkler irrigated site: Establishment ratings of living mulches in spring 2010. |
|   | Early-cut oats | Late-cut oats | Corn Silage | Avg. |
|  | ---------------------------------Rating--------------------------------- |
| Birdsfoot trefoil |  3.9 aA § |  4.0 aA |  2.1 bB | 3.3 |
| Clover mix |  4.0 aA |  3.3 bB |  3.3 aB | 3.5 |
| White clover |  3.8 aA |  3.9 abA |  2.4 bB | 3.3 |
| Avg. | 3.9 | 3.7 | 2.6 |  |
| \* Establishment based on a scale of 0 = no legumes to 5 = 100% establishment. §The interaction of legume treatment by annual crop was significant. Legume treatments followed by the same lowercase letter are not different. Annual crop treatments followed by the same uppercase letter are not different. Differences were declared significant at the 0.05 probability level. |

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| Table 1.2. Sprinkler irrigated site: Legume biomass of living mulches in spring 2010. |
|   | Early-cut oats | Late-cut oats | Corn Silage | Avg. |
|  | ----------------------------DM yield (kg/ha)------------------------- |
| Birdsfoot trefoil |  937 § | 544 | 146 |  542 b † |
| Clover mix | 1306 | 779 | 523 | 869 a |
| White clover |  610 | 509 | 161 | 427 b |
| Avg. |  951 A ‡ |  611 A |  276 B |  |
| §The interaction of legume treatment by annual crop was not significant at the 0.05 probability level.†Legume treatment means followed by the same lowercase letter are not different at the 0.05 probability level.‡ Annual crop means followed by the same uppercase letter are not different at the 0.05 probability level. |

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| Table 1.3. Furrow irrigated site: Establishment ratings, legume biomass, and weed biomass of living mulches in spring 2010. |
|  | Establishment Rating \* | Weed Biomass (kg/ha) | Legume Biomass (kg/ha) |
| Birdsfoot trefoil |  4.6 ab § | 14 a | 1314 a |
| Clover mix | 4.9 a | 26 a | 1223 a |
| White clover | 4.2 b |  5 a |  954 a |
| Conventional (no legume) | n/a | 20 a | n/a |
| \* Establishment based on a scale of 0 = no legumes to 5 = 100% establishment.§ Within columns, means followed by the same lowercase letter are not different at the 0.05 probability level. |