Table 3. Under trellis mowing trial: vine shoot measurements, cv. Merlot

|  |  |  |
| --- | --- | --- |
| Treatments | **2013 season** | **2014 season** |
| Shoot length 6.5 | Shoot length 6.10 | Shoot length 6.17 | Shoot diameter 8.8 | Shoot length 6.6 | Shoot length 6.12 | Shoot length 6.23 | Shoot diameter 8.8 |
| T1 | Mow only | 39.1 | 52.3 | 67.4 | 8.9 | 35.2 | 51.2 ab | 94.2 ab | 9.2 |
| T2 | Glyphosate only | 40.2 | 52.2 | 71.4 | 8.9 | 37.4 | 55.3 a | 96.1 a | 9.2 |
| T3 | Mow + 7.1 glyph | 38.7 | 49.9 | 68.3 | 8.9 | 36.2 | 50.6 b | 87.7 b | 9.2 |
| T4 | Mow + 7.31 glyph | 38.5 | 51.9 | 69.2 | 9.2 | 38.4 | 52.2 ab | 93.4 ab | 9.0 |
| Significance1 | ns | ns | ns | ns | ns | 0.0260 | 0.0068 | ns |

1 – Values followed by the same letter are not significantly different at p=0.05; ns – no significant difference.

Table 4. Under trellis mowing trial: vine pruning weights, cv. Merlot.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Treatments | **2011** | **2012** | **2013** | **2014** |
| Vine pr. wt. lbs –2.15 | Vine pr. wt. lbs./ft of row | Vine pr. wt. lbs –2.13 | Vine pr. wt. lbs./ft of row | Vine pr. wt. lbs –3.15 | Vine pr. wt. lbs./ft of row | Vine pr. wt. lbs –12.15 | Vine pr. wt. lbs./ft of row |
| T1 | Mow 4x | 2.29 | 0.38 | 2.16 b | 0.36 | 2.56 | 0.43 | 2.11 | 0.35 |
| T2 | Glyphosate 2x | 2.60 | 0.43 | 2.51 a | 0.42 | 2.84 | 0.47 | 2.38 | 0.40 |
| T3 | Mow + glyph | 2.64 | 0.44 | 2.33 ab | 0.39 | 2.71 | 0.45 | 2.16 | 0.36 |
| T4 | Mow + glyph | 2.49 | 0.42 | 2.18 b | 0.36 | 2.42 | 0.40 | 2.16 | 0.36 |
| Significance1 | ns | -- | 0.0079 | -- | ns | -- | ns | ns |

1 – Values followed by the same letter are not significantly different, p=0.05. ns – no significant difference.