Table 2. Effect of soil compost and lime treatments (*n* = 12) on selected soil chemical properties when applied to sandy soils prior to bedding at a commercial tomato production facility in Florida during the spring 2010 season.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Soil treatment | Super MAG (ton/acre) | pH | Electrical conductivity (dS·m-1) | Organic matter (g·kg-1) | Mehlich 3-P (mg·kg-1) | Mehlich 3-K (mg·kg-1) | Mehlich 3-Ca (mg·kg-1) | Mehlich 3-Mg (mg·kg-1) |
| Compost, 20 ton/acre | 0.50 | 7.05 az | 292 a | 10.6 a | 180 a | 68.4 a | 516 a | 105 a |
| Compost, 10 ton/acre | 0.25 | 6.94 a | 551 a | 10.5 a | 177 a | 131 a | 555 a | 139 a |
| Hi-CAL, 1.0 ton/acre | 0.50 | 6.99 a | 596 a | 9.90 a | 174 a | 138 a | 500 a | 179 a |
| Unamended control | 0.25 | 7.14 a | 318 a | 10.5 a | 189 a | 69.4 a | 516 a | 108 a |

zMeans within column followed by different letters are significantly different based on Tukey’s honestly significant difference (HSD) test at P ≤ 0.05.