Table 1. Chemical and physical characteristics of compost applied as a soil treatment during two commercial production seasons of tomato in a sandy soil in Florida.

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| --- | --- | --- | --- |
| Parameter z | Spring 2010 | Fall 2010 | Ozores-Hampton et al. (2011) |
| Moisture (%) | 37.5 | 24.5 | 30.3 |
| pH | 7.78 | 8.12 | 7.3 |
| ECy (mmhos/cm) | 1.4 | 1.4 | 0.5 |
| Organic matter (%) | 30.9 | 26.5 | --x |
| Organic C (%) | 15.0  | 16.0 | -- |
| Total Kjeldahl N (%) | 0.62 | 0.71 | 1.9 |
| C:N ratiow | 25 | 22 | 14.5 |
| Total digestible P (g·kg-1) | 1.30 | 1.20 | 10.0 |
| Total digestible K (g·kg-1) | 2.90 | 2.70 | 5.00 |
| Total digestible Ca (%) | 3.3 | 3.3 | 4.1 |
| Total digestible Mg (%) | 0.15 | 0.15 | 0.27 |

zReported values based on analysis by Soil Control Lab (Watsonville, CA) using the standard Test Methods for the Examination of Compost and Composting (U.S. Composting Council, 2002).

yEC = electrical conductivity (1 dS·m-1 = 1 mmhos/cm).

x-- Not reported.

wC:N ratio = carbon to nitrogen ratio.