Journal of Tropical Agriculture, Vol 39, No 1 (2001)

HOME ABOUT LOG IN REGISTER SEARCH CURRENT

ARCHIVES

Home > Vol 39, No 1 (2001) > Rao

Quality of coirdust composts and their effect on the drymatter yield of maize

P. Surya Rao, L. Suseela Devi, Amlan Datta

Abstract

Composting of coirdust was done with various organic and inorganic additives in various combinations. Coirdust, which had high C:N ratio (93.77) and L:N ratio (106.0) could be convened to good quality composts with 21.91 to 34.07 C:N ratio and 18.78 to 25.49 L:N ratio. The organic carbon, lignin, cellulose and total phenol content decreased while contents of major, minor and micronutrients increased upon composting of coirdust in all the compost treatments. Coirdust compost charged with garden weeds, gliricidia, rock phosphate and micronutrients along with 50% recommended fertilizer dosage recorded significantly higher drymatter yield over recommended practice. Hence, this super quality compost could be used as an effective component in integrated nutrient management.

Full Text: PDF

JTA Vol 39, No 1 (2001)

TABLE OF CONTENTS

Reading Tools

Quality of coirdu...

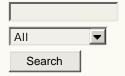
......

Rao, Devi, Datta

Review policy
About the author
How to cite item
Indexing metadata
Print version
Look up terms
Notify colleague*
Email the author*

RELATED ITEMS
Author's work
Related studies
Government policy
Book searches
Relevant portals
Databases
Online forums
Data sets
Pay-per-view
Media reports
Web search

SEARCH JOURNAL



CLOSE

^{*} Requires registration