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## Effects of Integrated Use of Organic Inorganic Fertilizers on Tomato

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By Gebretsadkan Gebremedhn

LAP Lambert Academic Publishing. Paperback. Condition: New. 124 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. The prevailing higher prices of inorganic fertilizer along with low nutrient value and shortage of organic fertilizers like Farm Yard Manure (FYM) has become a main problem in managing soil fertility problems in Tigray. So, integrated use of organic and inorganic fertilizer help to overcome problems with the sole application. Based on this, a field experiment was conducted to study the effect of integrated use of FYM and Urea fertilizers on yield of irrigated tomato (*Lycopersicon esculentum* Mill), soil fertility improvements and socio-economic acceptability. FYM and Urea was integrated in different proportions to supply 60Kg/ha-1 of Nitrogen (N) from both sources at different ratios. 5 different combinations along with one control were used as treatments. The experiment was arranged in RCB Design with 4 replications. The results of the experiment showed that integrated use of FYM and Urea significantly increased the major soil chemical properties ( $p < 0.05$ ), marketable yield (375.4Q/ha-1) and economic profit. The Perception of the respondent farmers also indicates that 44.4% use an integration of both nutrient sources for better tomato productivity. This item ships from multiple locations. Your book may...



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