



Performance of Fodder Maize Under Zero Tillage, Bed Planting and Nitrogen in Comparison to Conventional Tillage for Seed Production

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Abstract: The experiment was conducted to find out the planting method and nitrogen level for enhancing the seed yield of fodder maize (*Zea mays* L.). The treatment comprised of three planting methods as zero tillage (ZT), conventional tillage (CT) and bed planting (BP) and four nitrogen levels (0, 100, 125 and 150 kg N/ha). Results revealed that maize fodder (variety J 1006) seed yield did not vary with ZT, CT and BP because biometrical parameters like plant height, leaf area, dry matter accumulation, stover yield, shelling percentage, 1000 grain-weight were also not varied with methods of planting. Nitrogen application of 150 kg N/ha produced the significantly higher seed yield than 0, 100 and 125 kg N/ha.

Key Words: Bed planting, Conventional Tillage, Fodder Maize, Nitrogen, Seed Production, Zero Tillage.
