

Analysis of growth and yield in *Plumbago* spp.

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Abstract

Studies on growth and yield of *Plumbago rosea* and *Plumbago zeylanica* were undertaken in the College of Horticulture, Kerala Agricultural University, Thrissur during 1995 to 1998. Studies on growth up to 18 months after planting revealed that the two species exhibited a linear pattern of growth. There was no significant difference in fresh root yield of the two species. However, *P. rosea* recorded 7.78 per cent higher yield than *P. zeylanica* at 18 months after planting. The dry root yield was found to be significantly higher in *P. zeylanica* and the percentage of increase in yield in *P. rosea* was 83.5. It was observed that retention of crop in the field up to 18 months increased dry root yield by 2.27 times in *P. rosea* and 2.01 times in *P. zeylanica* as compared to harvesting at 12 months after planting.

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