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RESEARCH ARTICLE :

Evaluation of foxtail millet (*Setariaitalica* L.) based intercropping systemsunder late sown conditions

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SUMMARY : In order to investigate the influence of nature of scion on graft success, subsequent growth of scion shoot and development of the successful grafts in guava, a field experiment was carried out in Nursery unit of Dr. P.D.K.V, Akola during the year 2015-16.The results were obtained for the correlation co-efficient. The correlation co-efficient indicates the presence of inherent association between various characters.The final survival of guava grafts were positively and significantly correlated with days required for bud sprouting (r=0.845**),graft take percentage(r=0.970**),scion length (r=0.956**)number of leaves (r=0.984**) and leaf area(r=0.809*)in relation with green quadrangular terminal shoot used as scion, while final survival was negatively associated with days required for sprouting when the brown corky shoot concerned.

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KEY WORDS :
Foxtail millet, Times of sowing, Intercropping system, Growth, Yield

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