

## Effect of Shading Treatment at Flowering Stages on Fruit Quality and Production of Loquat cv. "Mozi"

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### Summary

The loquat of "Mozi" trees were always finished flower-bud initiation in August to October, flowering in October to January, and productive phase in February to April in Taitung prefecture, Taiwan. The project was initiated to try to study the relationship between flowering stages and shading degrees of loquat, which to expect the forcing culture could be advanced the early flower setting well and the quality of off-season fruit. The results showed that from inflorescence growth stage to beginning flowering stage with 50% or 70% shading not only would successful bring about early-fruit production, and also enhance fruit quality and its commercial value. But the results showed flowering delay and decrease of fruit quality when shading with 50% or 70% on flower-head elongate stage.

**Key words:** Loquat , Forcing culture , Shading , Setting fruit.

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