

## Pemanfaatan Macam dan Dosis Pupuk untuk Meningkatkan Pertumbuhan dan Hasil Jambu Biji Kristal (Psidium Guajava)

<b>Title</b>	Pemanfaatan Macam dan Dosis Pupuk untuk Meningkatkan Pertumbuhan dan Hasil Jambu Biji Kristal (Psidium Guajava)
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<b>Abstract</b>	Fertilization is any effort that aims to increase the availability of nutrients needed by plants, and increase crop production. The study aimed to obtain fertilizer types, fertilizer dosages and combinations of types and dosages of fertilizers suitable for growth and yield of Crystal Guava plants. The study was conducted on October 2018 to Mei 2019 on farmer's land, Banjarsari Kulon Village, Sumbang District, Banyumas Regency and Agronomy and Horticulture Laboratory of the Faculty of Agriculture, Jenderal Sudirman University. The experimental design used was a Randomized Completely Block Design (RCBD) with 2 factors and 3 replications. The first factor was the type of fertilizer, namely NPK, SP-36 and MKP fertilizers. The second factor was fertilizer dosage, namely 20 g / plant, 30 g / plant, 40 g / plant and 50 g / plant. Observed data were done by Analysis of Variance and if it significantly affected then DMRT (Duncan's Multiple Range Test) was carried out at the level of 5%. The results showed that the most effective type of NPK fertilizer and dosage of 20 g / plant. The combination of NPK fertilizer with a dose of 20 g / plant was the most effective treatment for increasing the growth and yields of the Crystal Guava plant.
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