Pertumbuhan Vegetatif dan Generatif Stroberi pada Sistem Fertigasi yang Berbeda

Slamet Susanto, Bhayu Hartanti dan Nurul Khumaida

Departemen Agronomi dan Hortikultura, Fapareta, IPB

ABSTRACT

The objectives of this research was to study the performance of vegetative and generative gowth of stroberry grown with different fertigation system. The trial was arranged by randomized complete design with four different fertigation sistem examined: drip irrigation applied daily, drip irrigation applied everly 2 days, manual irrigation applied daily and manual irrigation applied every 2 days. The result showed that the treatment gave significant affects on vegetative growth (height and number of runner) and number of flower but did not significantly affect of quality of strawberry (TSS, titratable acidity, hardness). Plants irrigated daily were higher and produce more runner than plant irrigated every 2 days. Plants irrigated manually every 2 days lowered flower induction. This reseach conclude that drip irrigation applied daily gave the highest response on yield and growth, so it could be considered to be applied in hydroponic strawberry plantation