



INTISARI

KARAKTERISTIK IKLIM MIKRO PADA BUDIDAYA TEMBAKAU RAKYAT DENGAN NAUNGAN

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Tembakau merupakan salah satu tanaman industri yang mempunyai peranan cukup penting, dimana mampu menaikkan pendapatan petani. Namun pembudidayaannya masih kurang baik sehingga produksi yang dihasilkan juga kurang baik. Untuk itu perlu pembudidayaan tanaman tembakau rakyat yang mampu menghasilkan produksi tinggi. Penelitian ini bertujuan untuk mempelajari karakteristik iklim mikro pada budidaya tembakau rakyat dengan naungan jaring dan kadar nikotin tembakau rakyat di dalam naungan. Ada 4 perlakuan dalam penelitian: (1) Kontrol (Pupuk Kimia); (2) Pupuk Kimia + Pupuk Organik; (3) Pupuk Kimia + Naungan; dan (4) Pupuk Kimia + Pupuk Organik + Naungan.

Hasil penelitian menunjukkan bahwa suhu udara, suhu tanah dan kelembaban udara di dalam naungan lebih tinggi dibandingkan di luar naungan tetapi intensitas matahari dan kecepatan angin lebih rendah dibandingkan di luar naungan. Perlakuan (4) Pupuk Kimia + Pupuk Organik + Naungan menghasilkan daun tembakau tipis, elastis dan berkadar nikotin paling rendah yaitu 2, 53 %.

Kata kunci: iklim mikro, tembakau rakyat, pupuk kimia, pupuk organik, jaring, nikotin



ABSTRACT

THE ENVIRONMENTAL MICRO CLIMATE ON LOCAL TOBACCO (*TEMPAKAU RAKYAT*) PLANTATION WITH NET SHELTER

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Tobacco is of the industrial plant which has an important role because it can improve farmer's incomes. However the cultivation is still not good and cause the low production, that why needed to increase production by using better methods and tools. The aims of the research are to study the phenomenon of micro climate on local tobacco plantation with net shelter and the nicotine level of local tobacco. There are four treatments in this research: (1) Control (Chemical manure); (2) Chemical manure + Bio fertilizer; (3) Chemical manure + Net shelter; and (4) Chemical manure + Bio fertilizer + Net shelter.

The result of the research presents that the air temperature, soil temperature and relative humidity inside net shelter are higher than outside shelter, but the radiation sun and the wind velocity is lower than outside shelter. The fourth treatment (Chemical manure + Bio fertilizer + Net shelter) given thin and elastic tobacco's leaves, and the lower nicotine between 2, 53%.

Keywords: micro climate, local tobacco, chemical manure, bio fertilizer, net shelter, and nicotine