

The Effect Of Amcotrel Stimulant Concentration On Clones Latex Pb 260 And Rric 100 At Ptpn Xii Kebun Glantangan Jember District

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ABSTRACT

This research aims to determine the effect of stimulants on rubber plants. This research was carried out at PTPN XII Kebun Nusantara Glantangan Jember, on 1 October 2022 – 30 October 2022. This research used a Randomized Block Factorial Design (RAKF) consisting of 2 factors, 8 treatments, 10 replications and there were 160 individual trees. Further tests were carried out with the BNJ (Honest Significant Difference) follow-up test with a level of 5%, the first factor is the PB 260 and RRIC 100 clones and the second factor is the application of the stimulant Amcotrel 10 pa. The composition of the solution greatly influences the results of latex production. Stimulant application treatments used concentrations of 0%, 2%, 2.5% and 3%. Stimulant application using the SAS (Srapping Applied System) method or direct application in the tapping groove, which is carried out in the morning when there is no rain. The administration of stimulants had a very significant effect on volume, namely in the PB 260 clone, while it was significantly different in the RRIC 100 clone. On wet weight, the RRIC 100 clone had a very significantly different effect while the PB 260 clone had a significantly different effect. Likewise, the dry weight of the PB 260 clone had a significantly different effect while RRIC 100 had a very significantly different effect.

Keywords: Rubber Plants, Stimulants, Amcotre