

ABSTRACT

MINCED COCOA CRUST MECHINE TEST WITH TEP UNILA TYPE

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Cocoa was once of agricultural comodity produce and was first export comodity from agricultural site in Indonesia. Combined farmer effort changed to expand in cocoa centre field. Once of them was integrate cocoa farmer effort with livestock. Cocoa crust waste have potensial as livestock woof. Cocoa crust which will be livestock woof as traditional processed with minced test use simple cops mechine or manual. Once of technology application in combined farmer effort is with minced cocoa crust mechine TEP Unila type used and for evaluation that mechine had doing test first.

This research purpose is for minced cocoa mechine TEP Unila type testing. Substance which used is fresh cocoa crust. That cocoa crust minced with three velocity circle kind is 800 rpm circle, 1400 rpm and 2000 rpm. Thickness minced crop arranged in three variety size limitation rate. Capacity test and fuel used until 5 kg for each velocity circle redial.

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Crop test produce the best minced which in 800 rpm velocity circle. Minced thickness percentage >10 mm as big as 47,5 % whose dominated as the best livestock woof. The minimum varian coefisien as 800 rpm velocity circle as big as 0,36. Workability mechine capacities and the best fuel concumed is in 800 rpm velocity circle as big as 2500 kg/hours and 2,6 liters/ton.

Key word : cocoa, test, crops, rpm

