

**PRODUCTION AND QUALITY OF GOAT MILK PERANAKAN ETAWA  
ON THE FIRST, SECOND, AND THIRD PERIOD OF LACTATION  
IN FARM SUKODONO, SIDOARJO**

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**ABSTRACT**

This research was aimed to learn difference of daily production and quality of goat milk Peranakan Etawa (PE) on the first, second, and third lactation in Farm Sukodono, Sidoarjo. Samples totaled 7 samples of goat milk. Daily production of goat milk was recorded for 1 month and goat milk examination include organoleptic test, density, fat, total solid, solid non fat, protein, and lactose. The result of the research showed that average daily production goat milk decreased each period of lactation. Organoleptic test showed the same result each period of lactation. The period of lactation had significant decreasing effect fat and total solid. Solid non fat and lactose showed that decreased in second period of lactation and increased again in the third period of lactation. The period of lactation had significant increasing effect protein.

**Key words :** goat milk, period of lactation, production, quality