

IR - PERPUSTAKAAN UNIVERSITAS AIRLANGGA

**PENGARUH PEMBERIAN PROBIOTIK *Bacillus subtilis* TERHADAP  
KUALITAS TELUR DENGAN PERBEDAAN MASA SIMPAN DAN ANALISIS  
HARGA POKOK PRODUKSI**

*The Effect Of Probiotic Bacillus Subtilis On Egg Quality Of Internal And External With  
Diverge Shelf Life*

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**ABSTRACT**

This study aims to examine the effect of *Bacillus Subtilis* probiotics on laying hens on improving the quality of internal and external eggs with differences in shelf life. 60 laying hens were divided into 4 treatment groups, namely P0 as a control not given probiotics *Bacillus Subtilis*, P1 feed was added 0.005 *Bacillus Subtilis*, P2 feed by adding 0.01 *Bacillus Subtilis*, P3 feed added 0.02 *Bacillus Subtilis* then the eggs produced are stored for 1 day, 5 days and 10 days. The results of this study indicate that the administration of a *Bacillus subtilis* probiotic with a concentration of 0.02 grams affects the increase in egg weight, egg yolk index value and HU values.

**Keywords:** probiotics, egg quality, laying hens