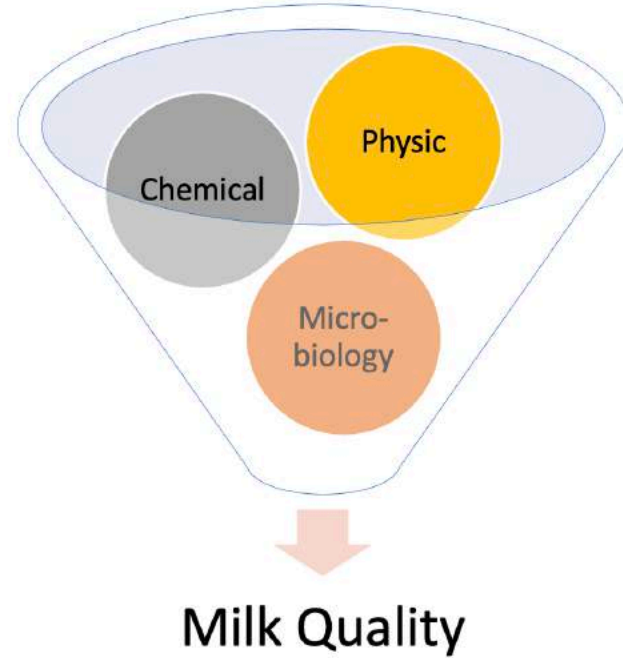


Milk Quality at KUD GIRI TANI

YUNI RESTI
College of Vocational Studies
IPB University



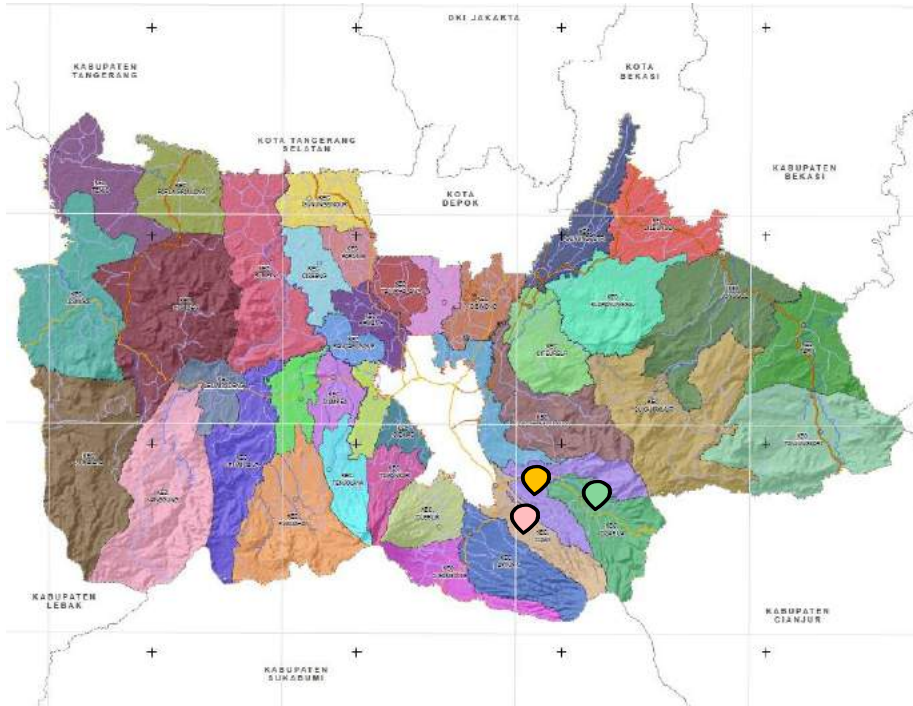
Latar Belakang



Tujuan

- ❖ Mengidentifikasi sumber kontaminasi mikroba (TPC) dalam perwakilan rantai pasokan susu peternak di Jawa Barat
- ❖ Menilai kontribusi relatifnya terhadap kualitas susu secara keseluruhan





Sumber : Kabupaten Bogor, 2019

Sebaran Sample



CISARUA



CIPAYUNG



CIAWI

STUDY PROCESS

01



Equipment
preparation

02



Sampling

03



Bacteria
inoculation

04



Incubation

05

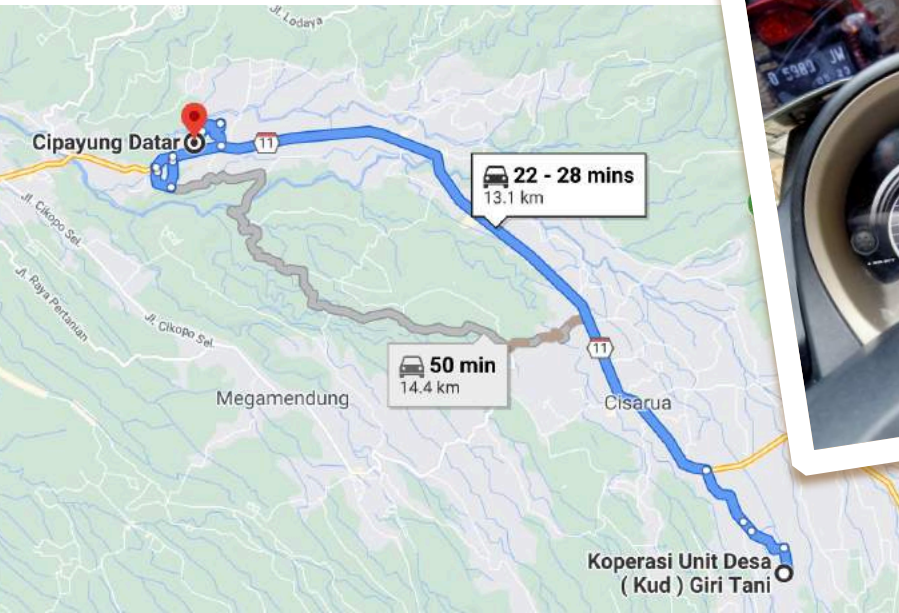
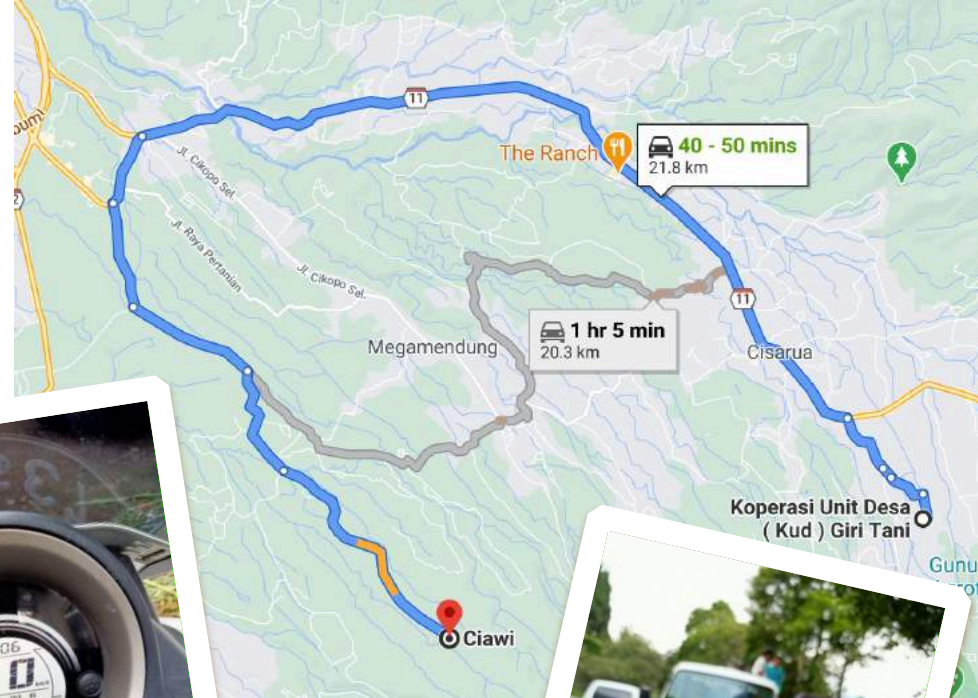


TPC
calculation



SAMPLING

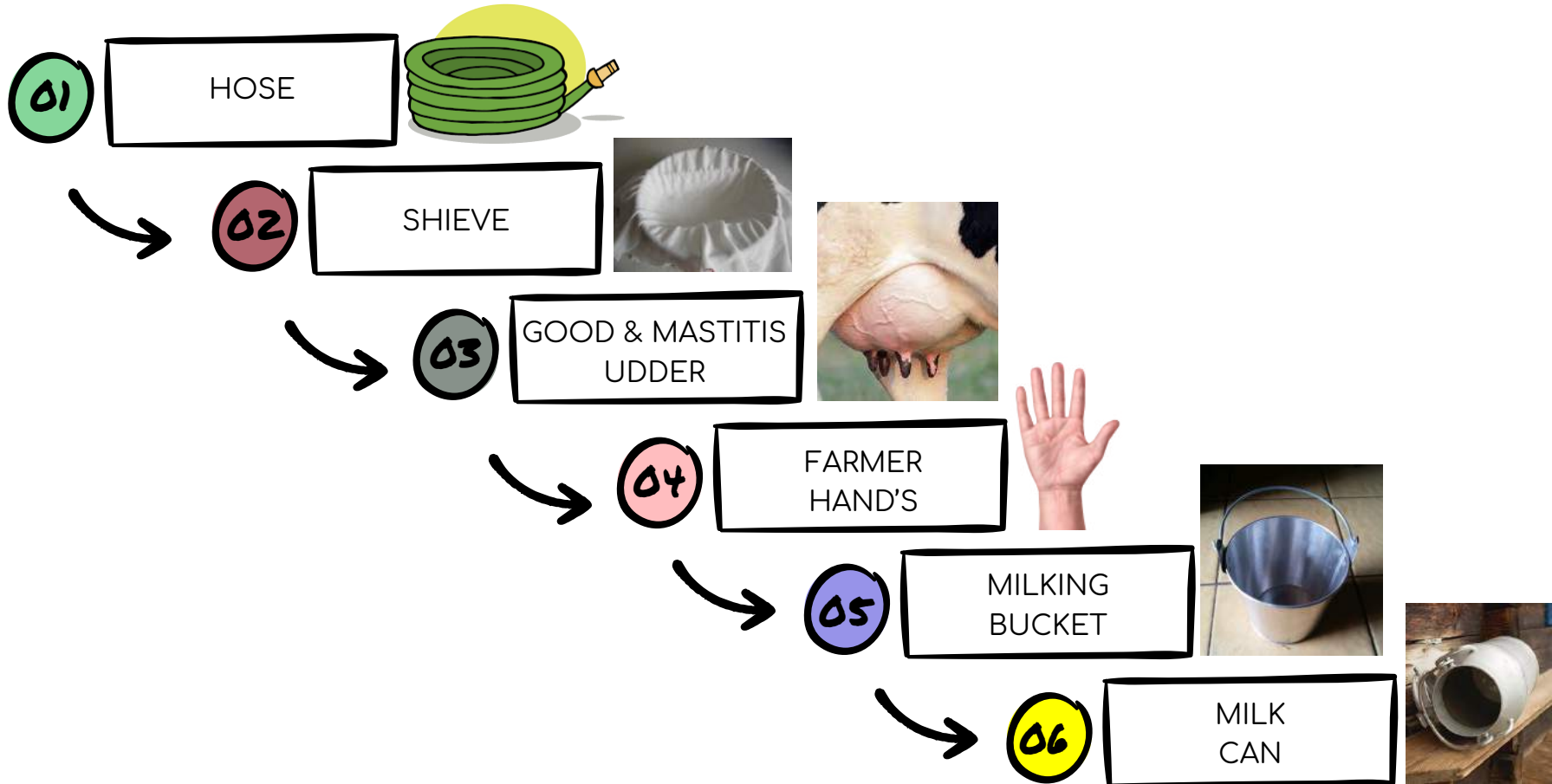
DISTANCE (KM) AND TIMER

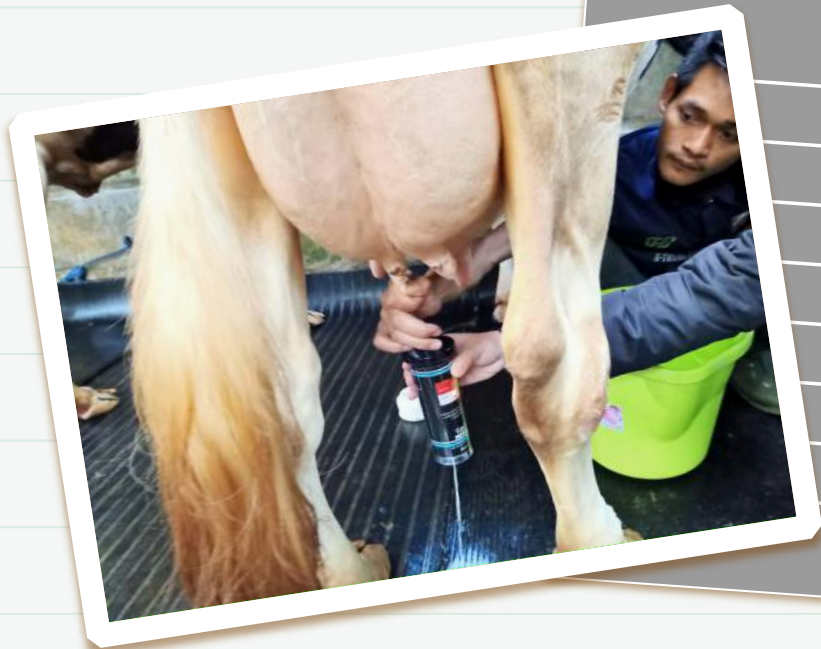




SWAB

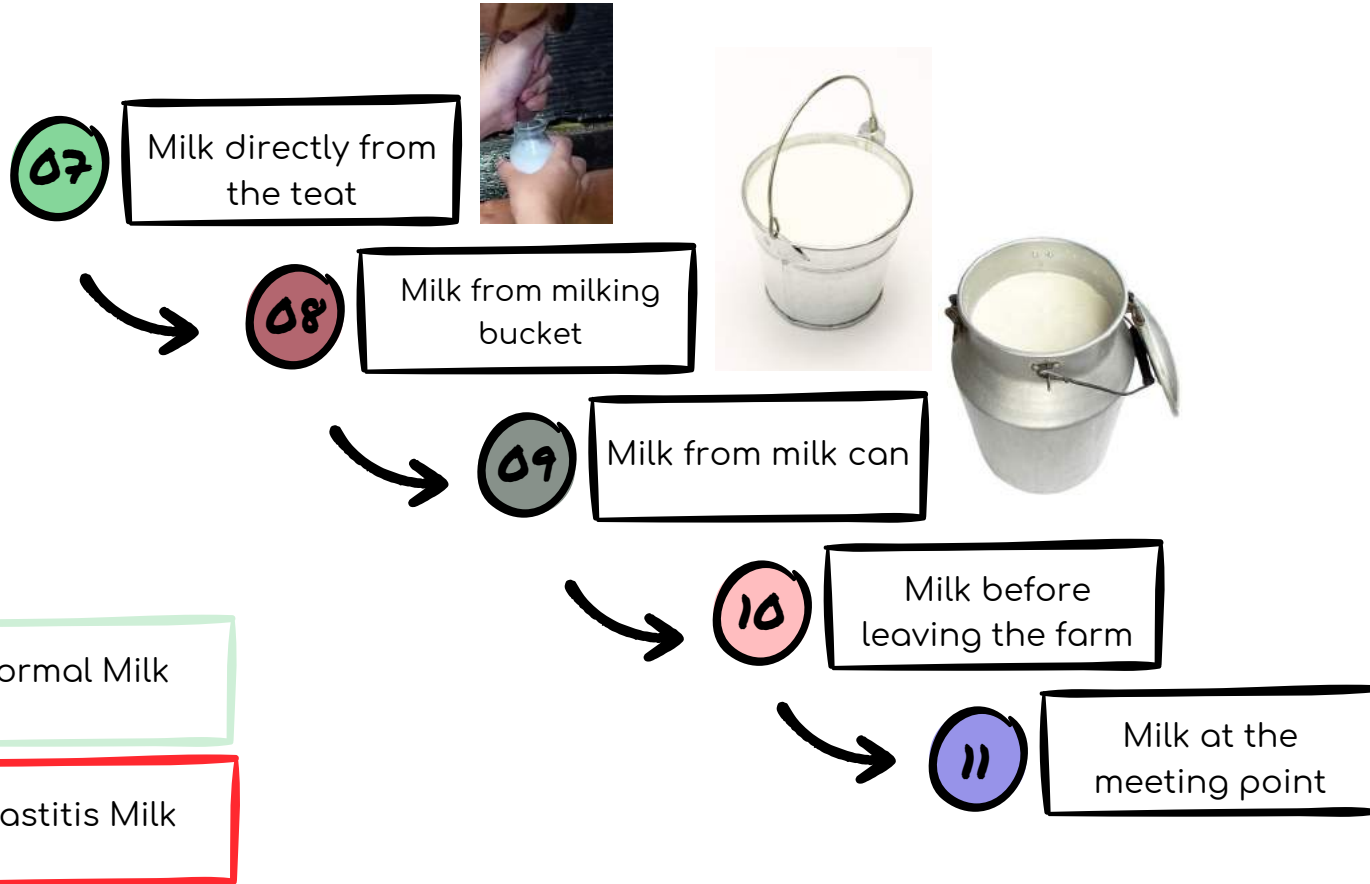
SWAB SAMPLES

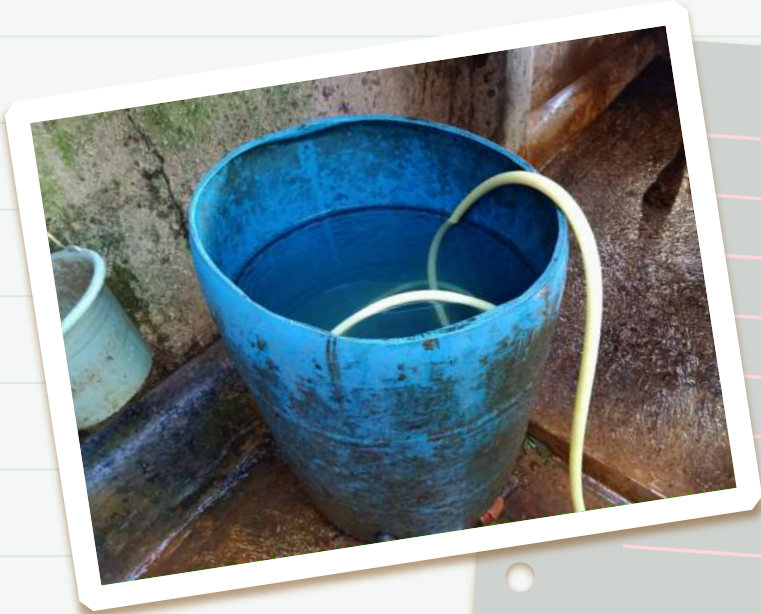




**MASTITIS TEST
(WITH MAS-D-TEC)**

MILK SAMPLES AT FARM LEVEL





WATER SAMPLING

12

FROM HOSE



13

FROM DRUM



TEMPERATURE

MILK SAMPLES AT COOPERATIVE LEVEL



MILK FROM TRUCK TANK :

14

At in the truck

15

At the Cooperative



INOCULATION



INCUBATION

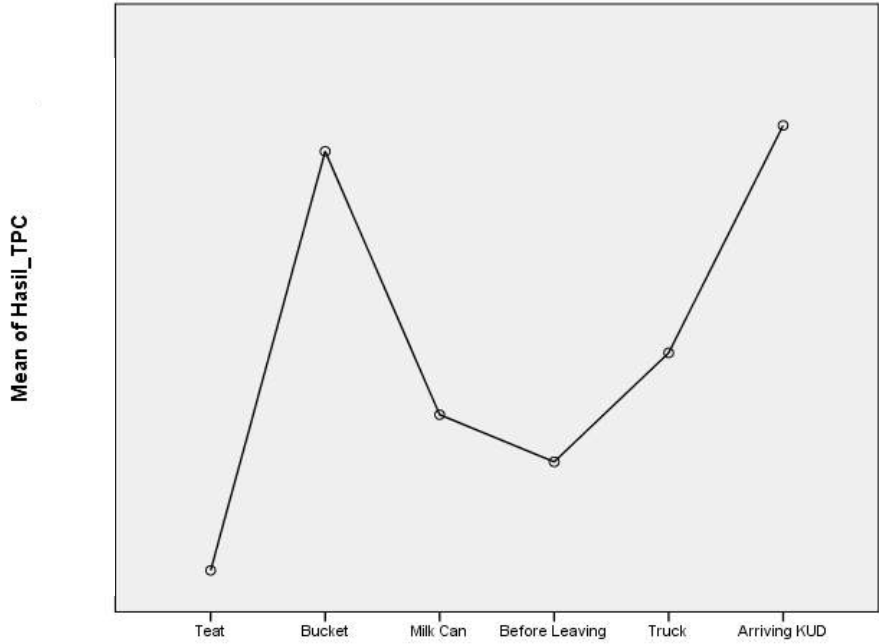


TOTAL PLATE COUNT (TPC) CALCULATION



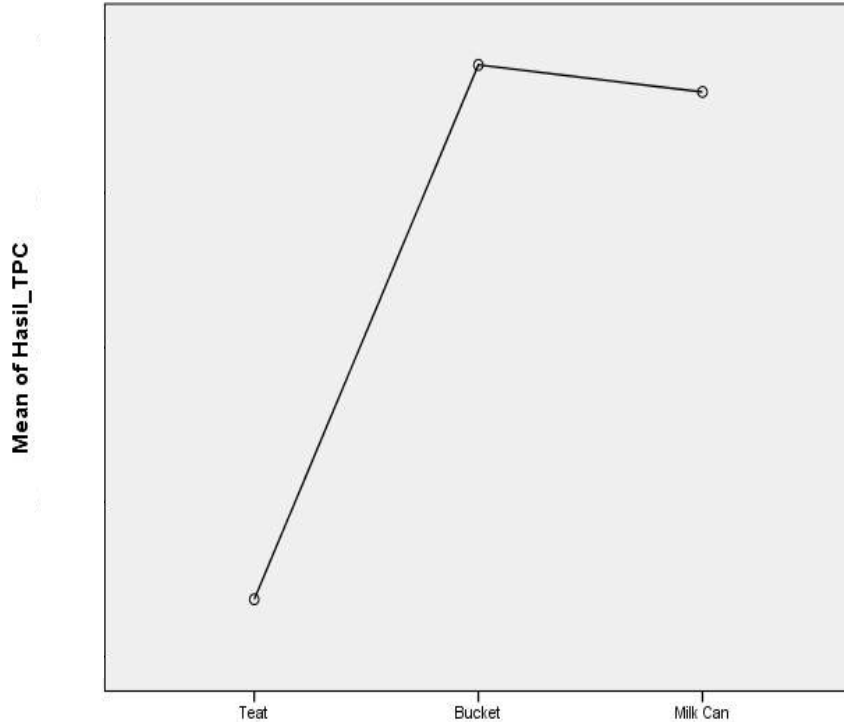
BACTERIA

RESULT : TPC AT FARM TO COOPERATIVE LEVEL



- Waktu perjalanan memiliki pengaruh dalam perkembangan jumlah TPC
- Peralatan pemerahan (bucket) berpengaruh terhadap jumlah TPC

RESULT : TPC AT FARM LEVEL



- Terjadi peningkatan jumlah bakteri pada saat susu yang diperah langsung dari puting disimpan di ember perah



THANKS !