

**EFFECTS OF MILKING MACHINE PERFORMANCES AND TEAT  
STRUCTURES ON QUARTER SOMATIC CELLS IN DAIRY COWS  
IN SMALL HOLDER FARMS IN CHIANG MAI  
AND LAMPHUN PROVINCES**



**PARAMINTRA VINITCHAIKUL**

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL  
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF MASTER OF SCIENCE**

**IN HEALTH SCIENCES**

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