

**DETECTION OF CONTAMINATED *Escherichia coli* AND
Salmonella spp. IN EXPORT VEGETABLE PRODUCTION
BY MOLECULAR BIOLOGY TECHNIQUES**



PIYAMAT SOMPHEE

DOCTOR OF PHILOSOPHY

IN SOIL SCIENCE AND NATURAL RESOURCES MANAGEMENT

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THE GRADUATE SCHOOL

CHIANG MAI UNIVERSITY

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**A THESIS SUBMITTED TO THE GRADUATED SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
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