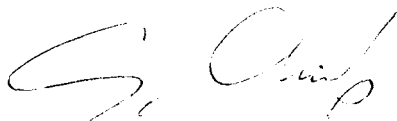


THESIS TITLE : A STUDY OF THE EFFECTS OF HARVESTING AND STORING PERIODS ON THE QUALITY OF JASMINE RICE.

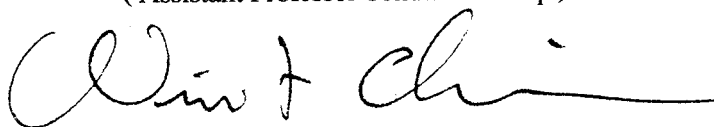
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ABSTRACT

The purpose of this research was to study the effects of harvesting and storing periods on the quality of Khao Hom Dok Mali 105 variety. The study was performed at Tambol Sila, Tambol Non Ton and Tambol Don hun , Muang District , Khon Kaen Province where the variety was studied with an age of 33 days after flowering . The harvesting was done every other 3 days for 10 intervals after maturing . The paddy was dried to a moisture of 14 percent and stored in bags . The qualities of paddy: moisture content, percentage of head rice, percentage of whiteness and strength of grain were examined every month.

1 The study of harvesting period revealed the following results:

1.1 Percentage of seed moisture was reduced by 0.37 % for 1 day change of harvesting period .

1.2 Percentage of headrice was reduced by 0.058 % for 1 day change of harvesting period.

1.3 Percentage of rice whiteness was reduced by 0.121 % for 1 day change of harvesting period .

1.4 Hardness of seed was reduced by 0.013 unit for 1 day change of harvesting period.

2 . The study of storing period revealed the following results:

2.1 Percentage of head rice was reduced by 0.69 % for 1 month change of storing period.

2.2 Percentage of rice whiteness was reduced by 0.12 % for 1 month change of storing period.

2.3 Hardness of seed was reduced by 0.006 unit for 1 month change of storing period.