

Supaporn Piatha 2011: Cost-Return Analysis on Dairy Farming of Members in Wang Nam Yen Dairy Cooperative Limited, Sa Kaeo Province. Master of Arts (Cooperative Economics), Major Filed: Cooperative Economics, Department of Cooperative. Thesis Advisor: Associate Professor Vinai Artkongharn, M.A. 86 pages.

The objectives of this study were to investigate the general conditions, costs and returns on investment, as well as problems and obstacles to which famers of the Wang Nam Yen Dairy Co-Operative Limited. The sample was composed of 92 farms. The tools used for the collection of data interviews. The data analysis incorporated both descriptive and quantitative analysis. The present study revealed most members to raise “Holstein-Friesian” livestock, to raise the animals outside the barn, to prefer the use of the milking machines, and furthermore to apply artificial insemination techniques.

The results of the present analysis the members to be subject to an average total cost of 10.43 baht/kilogram of milk. The medium sized farms has the lowest an average total cost of 9.80 baht/kilogram of milk , Large sized farms has an average total cost of 10.55 baht/kilogram of milk and small sized farms has an average total cost of 11.02 baht/kilogram of milk. As for the income, the results revealed the members of the co-operative to earn an average net income from dairy farming of 5.00 baht/kilogram of milk. Medium sized farms has a highest average net income of 5.65 baht/kilogram of milk, with large sized farms to earn average net income of 4.90 baht/kilogram of milk, and small farms to earn average net income of 4.36 baht/kilogram of milk

Problems and threats are described as firstly the high costs of animal feeds, secondly the low milk production per animal, thirdly the raw milk has low-grade and lastly the shortage of roughages grass and forage crops during the dry season.

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Thesis Advisor's signature