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The objectives of this research entitled “Farmer Institute Database Utilization for Agricultural Extension of Extensionist; Nakhon Ratchasima Province” were to examine personal and supporting factors on the farmer institute database utilization of extensionist, to study farmer institute database utilization on intranet and to focus on the relationship between examine personal and supporting factors on farmer institute database utilization of extensionist. The selected sample of the study were 109 extensionists from Nakhon Ratchasima Province. All data were collected by using questionnaire, data were analyzed and presented through percentages, means. Chi-square test was employed to test hypotheses.

The results revealed that the most of the extensionist were male with average age of 44.5 years, held a Bachelor Degree, position level 6, average salary of 21,405.92 bath, average working period in present position level of 17.83 years, had experiences in using computer application under 3 years, had computer skills, had basic farmer database knowledge and had received supporting information through policies were at moderate level. The farmer institute database utilization were at moderate level and problem that most occurred was the case of inadequate budget to support implementation.

Hypotheses testing revealed that position, salary, working period in present position level, experiences in computer application and basic farmer database knowledge were not related in any areas to farmer institute database utilization, sex have influence relation significantly to farmer institute database utilization at .05 level. Age, education, computer skill, information policies were related to farmer institute database utilization in only some areas.

Student’s signature

Thesis Advisor’s signature