

Siraprapa Pogard 2011: Comparative Factors Affecting of Parachute Rice Planting and Pre-Germinated Broadcasting of Farmers, Krathum Rai Sub-District, Nong Chok District, Bangkok Province. Master of Science (Agricultural Extension), Major Field: Agricultural Extension, Department of Agricultural Extension and Communication. Thesis Advisor: Associate Professor Praderm Chumjai, Ph.D. 127 pages.

The objectives of this research were: 1) to examine some basic individuals, economics and exposure of parachute rice planting information factors between parachute rice planting farmers and pre-germinated broadcasting farmers; 2) to study the practices of parachute rice planting technology of farmers; 3) to compare some basic individuals economics and exposure of parachute rice planting information factors between parachute rice planting farmers and pre-germinated broadcasting farmers; 4) to study problems and suggestions of parachute rice planting farmers. The total 118 farmers in Krathum Rai sub-district, Nong Chok district, Bangkok province were sample. The data were collected by interviewing. Then, all data were analyzed by using statistics of percentage, arithmetic mean, minimum, maximum. Hypothesis testing was done by using t-test.

The results revealed that the averages age of parachute rice planting farmers and pre-germinated broadcasting farmers were 47.09 and 47.82 years old. The averages of educated were 4.76 and 4.75 years. The averages group members were 0.85 and 0.89 groups. The averages experiences were 27.15 and 26.49 years. The averages crop sizes were 33.74 and 38.26 rais. The averages labor were 2.12 and 2.04 persons. The averages expenses were 3,760.88 and 4,600.60 bath/rai. The averages income were 7,299.26 and 6,603.45 bath/rai. The averages products were 893.24 and 845.24 kilograms/rai. The averages of exposure of parachute rice planting information were 2.68 and 2.00 sources. The averages of contacting to officer were 0.38 and 0.43 times/month. The averages of contacting to group were 0.62 and 0.93 times/month. The averages training were 0.76 and 0.11 times (since 1995-2010). The practices of parachute rice planting technology with the following results; the average of rice seeding was 88.77%. The average of rice paddy prepared was 67.04%. The average of parachuting was 78.99% and the average of rice caring was 22.78%.

The hypothesis testing showed that, the expenses, income, products, exposure of parachute rice planting information and training between parachute rice planting farmers and pre-germinated broadcasting farmers were different at significant level .05 and .01

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Thesis Advisor's signature