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## **FARMERS ATTITUDES TOWARDS PARTICIPATION IN THE TRADE SYSTEM OF AGRICULTURAL TASKS IN ILAM PROVINCE, ABDANAN COUNTY**

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### **ABSTRACT**

The aim of the research is to investigate the farmers' attitudes towards participation in the trade system of agricultural tasks and to identify factors influencing it, in Abdanan County. This is a descriptive-correlational study which was done by the survey method. Statistical research community was Abdanan County farmers (N=7535) that uses the sampling method, the classification number of 365 farmer were selected. The main tool was a questionnaire research that validity was attained by the Panel of experts. Reliability of the preliminary tests and questionnaires via calculated cronbach's alpha coefficient was obtained ( $\alpha = 0.86$ ). The findings of the research showed that there is a significant positive relationship between social participation independent variables, social status, the amount of arable land under cultivation, farmer's education level, the amount of experience in the field of agriculture and the amount of the last incoming loans with the dependent variable attitude towards participation in the trade system of agricultural jobs and There is a significant negative relationship between the independent variables and also the distance to the city center and the number of field components of agricultural lands with the dependent variable attitude towards participation in the trade system of agricultural tasks. The results of the regression analysis also suggests that non-agriculture employment variables, the experience of the farmer, the farmer's education, social status, membership in other organizations, the farmer's agricultural history, community involvement, exploitation, agricultural work, membership in the guild system of the distance to the Centre of the city and the last received farm loan amount is the most important independent variables which explain the 4.37 percent of the changes in the dependent variable.

**Keywords:** *Attitude, Partnership, Trade System of Agricultural Work*

### **INTRODUCTION**

The guild system of agriculture agricultural sector as a comprehensive participatory structure, is including the promotion participation job attitudes and social identity of the farmers and the defense of the interests of producers of agricultural sector and its main goals of beneficences' failing (administrative and financial manual trade system of agriculture, 2012: 5).

Some of the functions of agricultural trade system includes occupational standards determined for beneficences' members to dissolve organizations according to the law of complete system of agricultural activity and its obligation to respect the Guild people, beneficences' -related jobs to foster identity agriculture, licensing and legal benefits of beneficences' to dissolve it, the capability of preparing monitoring rules and regulations related to the activities according to law, protect the rights of Iranian on the job and the type of social activity, and the proper transfer of specialized members of the Guild to professional jobs executive managers and public programmers and information, upgrading the level of knowledge and professional members of the Guild and the promotion of job quality and social recommenders and parts producers (Najafi, 2010).

Abdanan County is an area 2385 km<sup>2</sup> and a population of Ilam province in the South, people 47919 is located. The total area of agricultural lands the 42312 County hectare is 1580 hectare to cultivate it and other cultivated hectare 40732 charge. The main activities of the inhabitants of the city, and the number of

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livestock and agricultural beneficences' agricultural part to person looks like 7535 (Ilam province agricultural organization, 2011).

Complete system of agricultural activity in 2011 was opened in Abdanan County rural cooperative Abdanan County. This association after 3 years of activity has only 3300 members and other agriculture benefic 4325 female to join in agricultural trade system does not work (Ilam province agricultural organization, 2013).

Since the attitude of the lift, in the context of re-building and fitted in order to shape behaviors, create impulse and direction of bias in order to lift doesn't have serious reviews the causes of the low level of participation of the farmers, agricultural work in the guild system of Abdanan County, the city, it is essential to the study of farmers attitude in this respect. Therefore, the main question of this study was to examine the attitude of farmers to participate in Abdanan County Guild of agricultural work, and the system of the city.

The participatory approach of the best mechanism of popular participation in social and economic activities will be considered as sustainable livelihood and employment for vulnerable groups and low income has also created, this approach is very suitable for work, by the way is along persons (Fyerbyern *et al.*, 2003).

Ebrahimi *et al.*, (2011) know the farmers participation in the organization under the influence of factors of social, economic, demographic, fitted and the motivation factor, Tavasoli (2003) participation interests (personal interest based on reflection) and the legitimacy of the (based on belief) is the most important motivation for the participation of people. Okidi (2005) knows the decision for the cooperation in the activities of the Memorial under the effect of past experience in the Memorial case, the size of the Group and share the costs and fitted benefits.

The agriculture sector of the social Union, organization of the count, the weakest section is considered the country's socioeconomic (Agricultural Economics Research Institute, and the programming, 1999). But with the approval of the guild system of the agricultural regulations in 2007, the establishment of the system of agricultural labor, the prestige and the legal requirement and complete system of agricultural sector in there now with the improvement of farmers ' knowledge and coherence and coordination of their activities, the sustainable development of agricultural sector could be preparation for (Shafie, 2011).

Falsafi (2011) showed that there is no significant trade relationship between farmer's age, level of education and the variables, the amount of annual income under the ownership of the land, and farmers' dependent variable intellectual participation rate of institutionalization with their participation in productive formations. But there is a significant trade relationship between the household size variable and dependent variable institutionalization rate their participation in productive formations. As well as factors such as the farmers participation in the run, the amount of benefit farmers of the benefits of the project, the farmers participation in an evaluation of the project and the rate of the farmers financial capabilities on the institutionalization rate their participation in productive formations-there is a positive impact of the Guild.

Doowse and Hughe (1999) tend to work in groups and the activities of the higher education sector to purchase items such as urban origin, having a large area, Member of the Union, work participation in voluntary associations, the absence of pressure, racing over local residency or being compared to normal tissues.

Starkloff (2001) believes that the social partnership exists between farmers and their level of participatory management of the significant positive relationship. As well as Damianos and Giannakopoulos (2002) knows major factors affecting farmers ' willingness to contribute to economic and social factors and personality characteristics and farmer training courses, factors such as the economic aspects of the farm, the participation of neighbors and relatives, the age and the level of the farmer's decision to contribute to effective benefit era are fitted.

Chandran and Chackcherry (2004) indicated that personal characteristics such as age, social, social participation, knowledge about the science of agricultural management, education, agriculture and

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communication skills, experience of the situation, such as the irrigation potential, availability of irrigation water and the position of the Earth in the irrigation farmers participation are effective.

Prokopy (2005) showed that by increasing the involvement of families in the decision-making stage in the project and pay part of the cost of the project, the amount of the participation of the villagers in the projects is increased. Gangadharappa *et al.*, (2005) show that the participation of individuals in terms of social cohesion, communication and information, the collective activities, availability of labor and the significant difference in the number of cattle.

Toma and Mathijs (2005) showed that the impact of attitude on the behavioral tendency, structural factors influence is stronger. As well as the desire to conduct in regard to the villagers directly to their attitude is concerned. Socioeconomic status of individuals including income, age, experience and education on people's participation, there are positive influences the benefited attitude.

### **MATERIALS AND METHODS**

The study of a kind of applied research and in terms of research methodology, a description of the type of communication-and book-collection of Ali is taking place. The statistical research community, including the farmers, their number has 7535 Abdanan County people. In this research, using table Karaji and Morgan (1970) and statistical society, with regard to the number of samples was estimated to be 365 persons. Abdanan County central part of Kalat, garden and is composed of a mirage, which has six sections, a total of 63 village<sup>1</sup> rural district and the village inhabitants that is 52. In this study, using a sampling method and classification according to the number of farmers in the rural sample was selected of any forklift.

A tool for gathering information in the research was the questionnaire. In order to determine the validity of the research tools, expert panel method is used. There are several methods to assess validity of 30 questionnaire distributed among the farmers in the Dehloran County and then to various parts of cronbach's alpha coefficient was calculated by questionnaire.

The results showed that the reliability of research instruments have appropriate. Variable dependent on farmers' attitudes toward research participation in the trade system of agricultural work was to assess the attitude of farmers of the scale was used to Lykret items. To lift qualitative variables describing the attitude, ISDM method was used. How to convert amities to four levels based on the following formula is obtained.

A = Poor:  $\text{Min} \leq A < \text{Mean} - \text{SD}$

B = average:  $\text{Mean} - \text{SD} \leq B < \text{Mean}$

C = good:  $\text{Mean} \leq C < \text{Mean} + \text{SD}$

D = excellent  $\text{Mean} + \text{SD} \leq D < \text{Max}$

Independent variables of this research include personal characteristics (age, educational level, experience the farmer, the farmer, the number of people in households and location), agronomic characteristics (the amount of arable land and diem, the number of pieces of land, the distance to the center of the city and the type of product produced), socio-economic characteristics (type of operation system of annual income of agricultural activity, employment, non-agriculture, scope of supply and manufacturing products, annual fees and the use of agricultural loans and facilities) and social features (social participation, social status and History of membership in other agricultural organizations), respectively.

### **Findings**

Results obtained showed that the social partnership between the farmer and the attitudes towards participation in the trade system of agricultural work, there is a significant relationship. According to the Spearman correlation coefficient (0.108) obtained for the two social participation variable, the farmer and the attitude toward participation in the trade system of agricultural tasks, also obtained significant levels (0.039), with 95% of them there is a significant positive correlation.

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**Table 1: The relationship between changing attitudes toward participation in the trade system of agricultural works with independent variables**

Row	First variables		Second variable		r	Sig
	variables	Scale	Variable	Scale		
1	Social participation	Ordinal	Attitude towards participation in the trade system		0.108*	0.039
2	Social position	Ordinal			0.239**	0.00
3	Dry land	interval			0.123*	0.018
4	Watery(crop) land	Interval			0.007	0.892
5	The farm distance to city	Ordinal			-0.117*	0.025
6	The segment number	Interval			-0.137*	0.009
7	The amount of the annual fee	Interval			-0.028	0.559
8	The amount of the annual fee	Interval			-0.029	0.581
9	The number of getting loan	Interval			0.057	0.281
10	Last incoming loan amount	Interval			0.106*	0.043
11	The farmer age	Interval			0.239**	0.00
12	Experience on agriculture	Interval			0.239**	0.00
13	Education level	Ordinal			0.106*	0.043
14	The family number	Interval			0.058	0.266

\*\* Significant level \* 0.01: significant level 0.05

As well as between the farmer's social status and attitude toward participation in the trade system of agricultural work, there is a significant relationship. According to the Spearman correlation coefficient (0.239) obtained for the two variables and attitude to social status, farmer participation in agricultural work, the guild system and also obtained significant level, with 99% confidence between them and there was a significant positive relationship and the above hypothesis is confirmed. There is a significant relationship between Dry land crop ground and attitudes towards participation in the trade system of agricultural work. According to the Spearman correlation coefficient (0.123) obtained for dry land crop ground and two variable rates of attitudes towards participation in the trade system of agricultural tasks and also obtained significant levels (0.018) with 95% of them, there is a significant positive correlation. Other results in table 1 have been showed.

**Factors Affecting the Attitude of Farmers:** In order to predict changes in the dependent variable, and the role of each of the independent variables dependent variable, step by step regression was used. Regression coefficients and according to fixed value obtained from the multiple regression analysis to test methods, step by step, regression equation was obtained as follows:

$$Y = 3.231 - 0.180X_1 + 0.102X_2 + 0.124X_3 + 0.105X_4 + 0.199X_5 + 0.126X_6 + 0.118X_7 + 0.154X_8 - 0.105X_9 + 0.048X_{10}$$

Also, the results showed that the variables of globalization that have played a significant role in the dependent variable, variable employment non-agriculture, the experience of the farmer, the farmer's education, social status, membership in other organizations, the farmer's agricultural history, community involvement, exploitation, agricultural work, membership in the guild system of the distance to the Centre of the city and the farm loan amount received last is the most important independent variables affecting the dependent variable has to be research 4/37% of the dependent variable changes that they pursued (table 2).

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**Table 2: The findings of step by step regression method**

step	Independent variable	B	SE B	Beta	t	sig
1	Non-agriculture job	-0.108	0.042	-0.186	4.251**	0.00
2	Farmer experience	0.102	0.016	0.288	6.035**	0.00
3	Farmer education	0.124	0.032	0.271	5.701**	0.00
4	Farmer social position	0.105	0.019	0.268	4.950**	0.00
5	History of membership in other organizations	0.199	0.013	0.219	4.297**	0.00
6	Community involvement the farmer	0.126	0.029	0.241	4.290**	0.00
7	Operation system	0.118	0.028	0.193	4.187**	0.00
8	Membership in the guild system	0.154	0.042	0.174	3.691**	0.00
9	The distance to the Centre of the city farm	-0.105	0.039	-0.170	3.360**	0.00
10	Last incoming loan amount	0.048	0.012	0.117	2.539**	0.00
	Contents	3.231	0.066	-	48.891	0.00

According to the results of the regression analysis is to assess methods of independent variables, dependent variable, all that have a significant relationship with r, 1/39% of the changes in the dependent variable was pursued and 9/60% of the changes in the dependent variable by other factors in this study was not considered, are pursued. It also compares the amount of regression analysis of two methods R2 step-by-step and inter also suggests that other significant role globalization which variables on the dependent variable have research but on the method step by step were not only the girls entered the equation of the dependent variable changes have been able to explain this (table 3).

**Table 3: The comparison of the results step by step regression analysis method and inter**

Regression analysis method	R	R <sup>2</sup>	R <sup>2</sup> Adj	F	Sig.
Step by step	0.611	0.374	0.356	21.62	0.00
Inter method	0.625	0.391	0.361	13.089	0.00

**CONCLUSION**

According to the findings of the research are fitted between the farmer and the participation of social attitudes towards participation in the trade system of agricultural works with 95% significant positive relationship exists. The results of research, Antrnam (2007), Bagedi (2005) and Idris (2013) are consistent with these findings. As well as the results of research at research, with Antrnam (2007) about the relationship status and attitude, the results of philosophical research (2011), Damyanos and Gyanakopoloss (2002) Seroonkooma research and others (2004) about the number of pieces of land and attitude, Faham and others (2008) about the amount of the last incoming loans and philosophical research and attitude (2011), Toma and Matjis (2005), Idris (2013) and MP and others (2013) are about the age of the farmer and the attitude. According to the findings of the following proposals can be fitted to improve the farmers ' attitude to the Guild Council of agricultural work will provide:

-To provide educational programs and information dissemination during the attempt of collaboration among individuals, culture may be grounds for the role and accountability of branch activities and farmers is in the partnership.

-The farmers ' participation in the run, construction, operation and maintenance of irrigation and drainage networks to be more, to cover the major part of the country's land to irrigation and drainage networks, due to the high land to the farmers ' income and production, and also their participation in the guild system finally works on agriculture will be added.

Board-condominium and land transfer and the creation and strengthening of a sense of ownership among the farmers may be an important factor in the direction of strengthening the participation of farmers in agricultural work Union.

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- Special attention to providing and strengthening capital and liquidity is because farmers there to improve the financial and credit policies and the development of agricultural activities, the participation of farmer attitudes and trends in agriculture, including agricultural trade system adds the work.
- Approval of the legal drafting consistent and integrated plan targets ' and land can be effective plan to pave the path of execution.
- The adoption of policies to increase the level of literacy and education of farmers.

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