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(Allahyari et al., 2008)

(1995) Goodland

(2008) Bagheri et al.

(Salmanzade, 1992)

(2008) Liaghati et al.

(Karami, 1999)

(2008) Allahyari et al.

(Pashasharifi, 2000; Shahvali &  
Moshfegh, 2005)

(Kosari,

.1989)

Williams & Wise (1997)

(1999) Comer et al.

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Udoto

(Shahvali & Moshfegh,

(2001) & Flowers

.2005)

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(1999) Chizari et al.

(2008) Tatlidil et al.

(2006) Alibaygi et al.

Zulfikar Rahman et

(2009) al.

Mansoorabadi & Karami (2007)

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$$d = \left( \frac{t \cdot s}{N} \right)$$

$$\left( \frac{t \cdot s}{N} \right)$$

$$n = \frac{N \cdot (t \cdot s)^2}{N \cdot d^2 + (t \cdot s)^2} = \frac{200 \cdot (1.96 \cdot 5.51)^2}{200 \cdot 1 + (1.96 \cdot 5.51)^2} = 74 \quad ($$

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$$d = t \cdot \frac{s}{\sqrt{n_1}} \cdot \sqrt{\frac{N - n_1}{N}} = 1.96 \cdot \frac{5.51}{\sqrt{33}} \cdot \sqrt{\frac{200 - 33}{200}} = 1.71 \quad ($$

t t s N  
n (%) d

(Mansourfar,

n

(Chizari et al., 1999)

.2008)

(Shahvali & Moshfegh,

.2005)

$$( = = )$$

$$( )$$

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:(Qumar, 2002)

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A = : Min ≤ A ≤ Mean - 2SD , (

B = : Mean - 2SD < B ≤ Mean - SD ,

C = : Mean - SD < C ≤ Mean + SD ,

D = : Mean + SD < D ≤ Mean + 2SD ,

E = : Mean + 2SD < E ≤ Max

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(2008) Bagheri et al.

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	/	(D)
		(E)
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Alibaygi

(2006) et al.

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	/	F	/	R2
	/	prob. (F )	/	R2
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%

\* %

\*\* %

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$$B = \frac{\bar{X}}{\bar{Y}}$$

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Bagheri

(2007) Karami & Mansoorabadi (2008) et al.

(2008) Tatlidil et al.

(Hasan-zadeh, 2007)

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**Attitudes of Agricultural Jihad Organization Specialists towards the Sustainable Agriculture Concepts and its Determinants in the East Azerbaijan Province**

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**(Received: Aug. 15, 2009- Accepted: Bah. 21, 2010)**

**ABSTRACT**

The objective of the present research has investigated Agricultural Jihad Organization (AJO) specialists' attitudes towards the sustainable agriculture concepts in the East Azerbaijan and its determinants. The descriptive-correlation method was used in this study. The sampling population of this study consisted of all the AJO specialists in East Azerbaijan (N=200). A sample consists of 77 respondents, selected by random sampling. Data were collected by the questionnaires that the validity of them was confirmed by scientific personal of faculty. Their reliability were confirmed by a pilot study that Cronbach alpha coefficient was 0.72. The results indicate that the attitude of AJO specialists about the concepts of sustainable agriculture were moderate. Based on regression analysis, the factors of type of in their major education, on farm agricultural experience, works experience, reading the scientific and extension publication, number of information sources and their income have significant effect over their attitudes and these factors explain 53% of specialists' attitudes towards sustainable agriculture concepts.

**Keyword:** Attitude, Agricultural specialists, East Azerbaijan, Sustainable agriculture.

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