

Original Article

The Study of Personality of Irrigated and Non-Irrigated Area Farmers

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Abstract

The present paper is about the study of personality of irrigated and non-irrigated area Farmers. Researcher wants to study the personality difference between irrigated and non-irrigated area Farmers. Researcher knows that the present condition of the farmer is not good in India. It has so many reasons. But here researcher wants to study the effect of irrigated and non-irrigated area farmers on their personality. In this paper, researcher mentioned the statement of the problem, significance of study, objectives of the study, scope and limitations of the study, hypothesis, research methodology and analysis, interpretation and discussion of the research problem. After the analysis and interpretation of the collected data, researcher pointed out the research findings.

Keywords: personality, irrigated and non irrigated farmers

Introduction

We know that, in India agricultural sector has so much importance. Our economy depends upon the agricultural field. But the overall condition of the agricultural field is not so good. There are so many reasons of this condition like low rainfall, industrialization, population explosion, unpredictable nature of monsoon etc. These reasons made the worth condition of farmers. Farmers who want to fulfill his basic needs like food, shelter and cloths by cultivating the land. But in India many farmers facing the problems now days. Some of the farmers mean irrigated area farmers' condition is better than the non irrigated area farmers in India. Irrigated area farmers means who cultivates his land by using irrigation facilities like channel provided water to his land for twelve months is called as irrigated farmer and Non irrigated farmers means The farmer who cultivates his land without using the facilities of irrigation are called as non-irrigated farmer. On irrigated area farmers facing so many problems in their day today life. Some of the problems like poor family background, economically bad condition, low rainfall, less area of farming etc. problems It has a great affect on their life also we can see. Due to that reason, researcher wants to study the comparisons between the Irrigated and Non-Irrigated Area Farmers related to their personality. Researchers are going to find out effect of financial condition of Indian farmers of irrigated area and non irrigated area farmers and its effect on their personality.

Statement of the Problem

“The Study of Personality of Irrigated and Non-Irrigated Farmers.”

Significance Of Study

- 1] The present study is important to know the present condition of the irrigated and non irrigated area farmers.
- 2] The present study is important to know the problems of non irrigated area farmers.

Objectives Of The Study

The main objectives of the study are as follows:

1. To study the personality traits of irrigated
2. To study the personality traits of non-irrigated areas farmers.

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3. To examine the Neuroticism aspect of personality among irrigated and non-irrigated farmers.
4. To find out personality difference among irrigated farmers and non-irrigated farmers related to the Neuroticism aspect.

Scope And Limitations Of The Study

- 1] The present study is only limited for the farmers having age is in between 20-60 years.
- 2] The present study is only limited to the personality factor of the farmers.
- 3] The study is limited for the academic year 2019-20.
- 4] The Study Is Limited For The Irrigated And Non-Irrigated Area Farmers Only.

Hypothesis

Research Hypothesis

There is no significant difference in Neuroticism aspect of personality among irrigated and non-irrigated area farmers.

Null Hypothesis

There is no significant difference in Neuroticism aspect of personality among irrigated and non-irrigated area farmers.

Research Methodology

- **Research Method** –

For the present study, Survey method is used to collect the data and tested it through it by proper tools of the research.

- **Sample:-**

Random sampling method will be used for the present research. The sample of the present study consists of 50 farmers. Age range is between 20 to 60 yrs, education above 7th class and land having 10 acres. 50 samples finally categorized on the basis of farmer perception regarding. The final sample of each group consisted of 25 samples. Data loss considered while collecting the data. All the irrigated and non irrigated farmer of Malashiras Taluka Solapur district.

Sample Distribution

Age	Irrigated Farmer	Non-Irrigated Farmer	Total
20 to 60 years	25	25	50
Total	25	25	50

- **Research Designs**

To research out the objectives of present investigation following designs used.

- **Factorial Designs**

The main focus of this research is to study Personality of Irrigated and Non-Irrigated area Farmers. For that purpose the technique of Factorial design is used. To reach out the objectives of Present investigation 2X2 factorial design is used, as depicted below:

2 x 2 Factorial Designs

Age	Irrigated Farmer (A1)	Irrigated Farmer (A2)	Total
20 to 60 years (B1)	A ₁ B	A ₂ B	A ₁ B

Where
A1 : Irrigated Farmer
A2 : Non-Irrigated Farmer
B : Age- 20 to 60 years

1) Personality Test-Mc Crae and Costa (1992)

It consists of 60 items to be responded on a five point scale ranging very much to never. Test reliability of the scale is 0.89 and the criterion validity is 0.92.

Analysis, Interpretation And Discussion

In the present study along with descriptive statics like Mean, Median, Standard Deviation, 't' test, these statistical method used for differentiate between irrigated and non-irrigated farmers in their personality by analysis of concerned data.

Table 1

Mean, Standard Deviation and 't' value for Neuroticism of Irrigated male and Non-irrigated male Farmer.

Age	Type of Irrigation	
	Irrigated	Non-Irrigated
20 to 60 years	N	25
	Mean	25.23
	S.D.	4.83
	Md	7.23
	t value	-8.43
	df	18

** Significant at 0.01 level of significance.

* Significant at 0.05 level of significance.

According to the above table no. 01 it is pointed out that for the dimension of Neuroticism mean for Non-Irrigated farmers having age in between 20-60 is higher than the Irrigated farmers having age in between 20-60.

The Mean score for irrigated farmer indicate normal level of Neuroticism as per the test norms and Mean Score for Non-Irrigated farmer indicate above normal level of Neuroticism. 't' value for these two group is 8.43 which is significant at 0.01 level of significance.

Hence it concludes that there is a true difference between the means of the groups of Irrigated Farmer and Non-Irrigated Farmer. Thus it is revealed from the table no. 01 that the Non-Irrigated farmer is significantly higher on Neuroticism as compared to Irrigated farmer.

So the Null Hypothesis is rejected that there is no significant difference in Neuroticism aspect of personality among irrigated and non-irrigated area farmers. And the research hypothesis is accepted that there is significant difference in Neuroticism aspect of personality among irrigated and non-irrigated area farmers.

Research Findings

According to the present research interpretation, Neuroticism in case of irrigated farmers and non-irrigated farmers, it has found that neuroticism is found more prevalent in non-irrigated farmers than the irrigated farmers. The reason behind that the problems, obstacles before the irrigated farmers were found to be lessened to a great extent, whereas non-irrigated farmers were found to be troubled by financial problems, less agricultural yield so they are Facing The Problems Like Anxieties And They Are Not Happy With Their Lives...

Conclusion

According to the above analysis and interpretation, it is clear that , Non irrigated area farmers have problems in their life..It may be financial or family problem. But main reason is that they are non irrigated area farmers. So their problems should be removed. Moreover, they should maintain a positive and bright attitude to life.

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