

FINDINGS AND DISCUSSION

Data presented in Table 1 indicate that majority (60.00 per cent) of the respondents belonged to the category of

medium level of adoption, whereas 20.83 per cent of the respondents with high level of adoption and 19.17 per cent of the respondents had low level of adoption.

Table 1 : Distribution of the summer groundnut growers according to their extent of adoption.

N=120			
Sr.No.	Extent of adoption	Number	Per cent
1.	Low (Below 44.47)	23	19.17
2.	Medium (Between 44.47 to 67.21)	72	60.00
3.	High (above 67.21)	25	20.83
Total		120	100.00

$$\bar{X} = 55.84 \quad S.D. = 11.37$$

It was observed from Table 2 that chi-square values regarding education, size of land holding, extension participation, socio-economic status and knowledge level in relation to adoption of summer groundnut production technology was found to be statistically significant indicating that any increase in these variable were found

to promote adoption level. While the values of chi-square regarding age, farming experience and irrigation facility in relation to adoption were found to be non significant, indicating that there was no significant influence of these variable on adoption of recommended summer groundnut production technology.

Table 2 : Relationship between personal and socio-economic characteristics of summer groundnut growers and their extent of adoption of summer groundnut production technology.

Sr.No.	Independent variables	X ² Value
1.	Age	0.904 NS
2.	Education	24.350 **
3.	Farming experience	3.635 NS
4.	Land holding	14.200 **
5.	Irrigation facility	3.747 NS
6.	Extension participation	10.126 *
7.	Socio-economic status	11.706 *
8.	Knowledge	17.470 **

* Significant at 0.05 level of probability

** Significant at 0.01 level of probability

Extent of adoption....

CONCLUSION

It can be concluded that majority of the respondents had a medium level of adoption of summer groundnut production technology. Further, adoption of summer

groundnut production technology was associated with education, size of land holding, extension participation, socio-economic status and level of knowledge of the summer groundnut growers.

REFERENCES

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