The study was carried out to know the impact of FFS on knowledge of respondents and its relation with their profile. It is found that majority of the respondents had medium level of knowledge followed by high level of knowledge of cotton production technology. All of them had knowledge about selection of land for cultivation of cotton, importance of soil testing before sowing and use of improved variety of cotton.

Regarding relational analysis variables like education, rural socio-economic status, mass media exposure, extension contact, scientific orientation of risk preference were having positive and significant relationship with knowledge of cotton production technology. From regression analysis, it was found that education, size of land holding, rural socio-economic status extension contact and risk preference had sufficient contribution to knowledge of cotton production technology. Statistical tools like frequency, percentage, correlation coefficient and multiple regression were used for analysis.

Key words: Knowledge, Cotton technology, Farmers field school.