

Project No. 8

Crop weather relation studies in Chickpea

Objectives:

- To study the effect of weekly weather variables on crop and yield
- Develop Crop yield prediction models
- To optimize the time of sowing of sunflower

Results:

2002-03

This experiment was started in the year 2002-03 with four growing environments and three genotypes. Biometric and soil moisture observations were collected during the crop growing period. Since this was the first year of the experiment, statistical analysis of data of weather in relation to crop yield could not be performed. It was however noticed that the genotype GBS-964 provided the highest yield in all growing environments, but the yield levels were at par with other genotypes, namely, Annigeri-1 and ICC-10.

2003-04

In view of meager annual rainfall of 276.1mm and very poor soil moisture condition, the sowing could be taken up only on two dates. The crop stand was poor and no yield could be recorded. The experiment was vitiated.