OBJECTIVE OF PRESENT WORK

1. It is aimed to isolate and identified the bioactive elements from the Indian barley samples, particularly of the Rajasthan and Haryana province.

2. Our aim, first, will be to screen the soil and the isolated components in terms of their biological activity and production strength by keeping in mind the health in terms of presence of essential elements.

3. Simultaneously, It is also aimed to analyze the quality of grains of barley, their food values in terms of elements present in the seeds of barley.

4. We, also try to focus on those values- which enhance the food values and the quality of barley-malt, malt-extract, alcoholic and non-alcoholic beverages.

5. The screened results obtained from both the raw materials, soil and grains of barley, collected from different province of India- Haryana (Rewari) and Rajasthan (Jaipur, Sikar) will be compared in terms of :

(i) Percentage

(ii) By plotting a comparative graph for production percentage

(iii) By plotting a comparative graph for calculating thousand corn weight (T.C.W.).

(iv) By plotting a comparative graph among the essential and important different analyzed element of soil and grains of barley samples collected from the different districts of Rajasthan and Haryana province.