

## Maintenance of Biodiversity in Barley

### Germplasm status at DWR, Karnal

#### A: Conservation

DWR Karnal is maintaining barley germplasm accessions as active collection centre in country, while NBPGR is having the responsibility of the base collection. Presently more than 5500 accessions including indigenous and exotics are being maintained.



#### Barley collections at DWR, KARNAL

Accessions	Number
Indigenous	3033
Exotics	4014
Total	7047

#### B: Evaluation and Documentation

The entire collection at DWR Karnal has been evaluated for all major biotic and abiotic stresses and sources of resistance / tolerance have been identified. Similarly the collection has been evaluated for malting quality recording observation on a number of grain and malt traits. The sources with excellent malting quality under Indian conditions have been short listed. The morphological description including the DUS traits has also been completed and the catalogue containing all the details is under publication.

#### C: Exchange

Exotic germplasm material from international institutions like CIMMYT and ICARDA is being received for utilization in national programme. The specific requirements of different indenters are being met as per the procedure.