

## First Laureate Applied Research

**Project Title:** Breed to release program of the first cold and frost tolerant chickpea variety in Iran (SARAL)

**Executive Organization:** Agricultural and Natural Resources Research Center of Kurdistan - the research organization, education and agricultural extension

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**Collaborators Organization:** Dryland Agricultural Research Institute and the International Center for Agricultural Research in the Dry Areas (IKARDA)



### Abstract:

Chickpea (*Cicer arietinum* L.) with about %26 of the protein has great importance in the human diet and due to nitrogen fixation has a special status in rotation with cereal crops. In this project, through cooperation of Dryland Agricultural Research Institute (DARI) with International Center for Agricultural Research in the Dry Areas (ICARDA), during 12 years via the implementation of several experiments in different climatic environments and in controlled conditions, the first cold tolerant chickpea variety had selected among different genotypes and release as «SARAL If through this cultivar, 0.2 million hectares of drylands that every year remain as fallow, go under cultivation.

