

Technology Offer

CSIC/AP/014

New variety of barley: Jucar



Obtained from the best barleys of six races developed in the national public improvement program, widely cultivated in Spain (Cierzo, Yuriko, Estrella), with the additional contribution of a local Spanish variety of good performance, identified in the CSIC.

Intellectual Property

Plant Variety Title

Intended Collaboration

Licensing and/or co-development

Stage of development

TRL 9

Contact

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Market need

The cereal market and society demand new varieties with greater resistance to diseases, stresses, and adapted to climate change, but also that maintain the rusticity with the terrain and the productivity of the varieties that arouse the greatest interest among producers. Hard research work has been necessary in terms of genetic improvement, to make available to the sector varieties better adapted to current edaphoclimatic conditions.



Proposed solution

Six-rowed variety, which combines high productivity in all environments with an average hectoliter weight. It is a winter variety with low vernalization requirements, which makes it appropriate for a wide range of environments, although it stands out mainly in those that have good winter development or in early autumn sowing. This variety is the result of new selection processes, in which varieties that have already commercially demonstrated their good adaptation, such as Cierzo and Estrella, participate as parents.

Competitive advantages

- Very high productivity, especially in arid conditions.
- Low need for vernalization.
- Early.
- It combines the performance of genetic improvement and the rusticity of traditional barleys.