Todolivo starts, with the harvest, the final evaluation phase of its genetic improvement test field

With the harvest of the trial field at the 'La Mata' farm, in the municipality of Villafranca de Córdoba, Todolivo has started the second and final evaluation phase of its Genetic Improvement Program. This is the most important test of its kind worldwide and one of the most significant that this company has launched. A project that was born with the aim of obtaining new varieties for Olivar en Seto that improve existing ones and that allow enriching and expanding the current organoleptic catalog, with new EVOOs of different flavors and aromas.

One of the most important challenges set by Todolivo was that the new varieties obtained from crosses had to overcome their parents and their mothers in precocity, fat yield, productivity and in resistance or tolerance to certain diseases.

The fact that its first harvest is being produced in its second green, 23 months after being planted, shows that the varieties planted are earlier than their parents

Methodology

The program is developed in two phases. The first of these began in 2008, the date on which the first crosses of parents in flowering by pollination were made, of which 1,345 new varieties are obtained. The seedlings that germinate are grown in the greenhouse and are planted individually in April 2010 in one of the plots of the research center that has the company in the municipality of Pedro Abad Cordova, where they were evaluated for eight years and were collected six crops in the field. Finally, of these 38 are preselected those that exceeded their fathers and mothers in precocity, fat yield, productivity and showed a greater resistance or tolerance to certain diseases.

In December 2015 these 38 new varieties are multiplied and planted en masse in nine different blocks, in the 'La Mata' research farm together with a worldwide selection of the most productive varieties currently available, which are planted at the same time to compare them with them . Currently, the trial is in its final stage: the 38 varieties are being subjected to an agronomic test and a physical-chemical and sensorial analysis of their oils. T*hose that pass this final evaluation will become new varieties available to farmers in the coming years.*

The second phase of the program began in 2009, when new crosses were made, of which 543 new varieties were obtained. Of these, which are currently being evaluated in the farm 'Santa María', 32 new varieties are obtained, which will be planted between the autumn of 2017 and the spring of 2018 in the farms' Las Hazuelas' and 'El Calderito High 'to be evaluated in the field.

The Genetic Improvement Program that Todolivo started in 2008 is the result of the strong commitment of the Cordoba company, expert and pioneer in Olivar en Seto, from its beginnings by the continuous research and innovation in order to modernize and evolve olive growing.

Source: Todolivo

YOU MIGHT ALSO LIKE:

??Felipe Oliva: “In Todolivo we prioritize the multivariety and personalization of farms, as keys in the production of quality AOVES”

??Todolivo undertakes the works of its new headquarters, in the old factory of Pan Arenas