

Kiwi 'Lihuen'

University of Chile has generated new yellow-fished variety of kiwifruit tree

THE CHALLENGE

'Lihuen' is a new yellow-fished variety of kiwifruit tree, *Actinidia chinensis*, developed by the University of Chile.

'Lihuen' is a particular genotype, distinguished by its agronomic and organoleptic attributes. This new genotype was register under the name of 'Lihuen', which means "light" in the Mapuche language.

THE TECHNOLOGY

'Lihuen' is a yellow-fleshed kiwifruit, which presents mid period blooming (end of October) and harvest (150 days after full flower), according to the UPOV guidelines.

The fruit has an oblong shape with a flat style tip. It has a regular/big sized and a light brown skin color, an absence of hair, and a high content of soluble solids (10-11%) and a dry matter (18-19%) at harvest. It has a greenish-yellow (Hue 105-111°) color that later on shelf life turns yellow (Hue 98-103°). At consumption, the soluble solids reach 15%.

'Lihuen' presents a highly acceptance in terms of sensory quality – higher than "Hayward" – being similar to other yellow-fleshed varieties. It stands out for its flesh color and harmonic flavor, even after 32 days at 0°C and 15 days at 20°C in postharvest.

STAGE OF DEVELOPMENT

- Variety is fully developed and the laboratory count with material ready to be send outside Chile.

OPPORTUNITY

- University of Chile is searching for industry partners for **out-licensing**.

INTELLECTUAL PROPERTY/REFERENCES

- Pending register by the Livestock and Agriculture Service of Chile (N° 96/17).

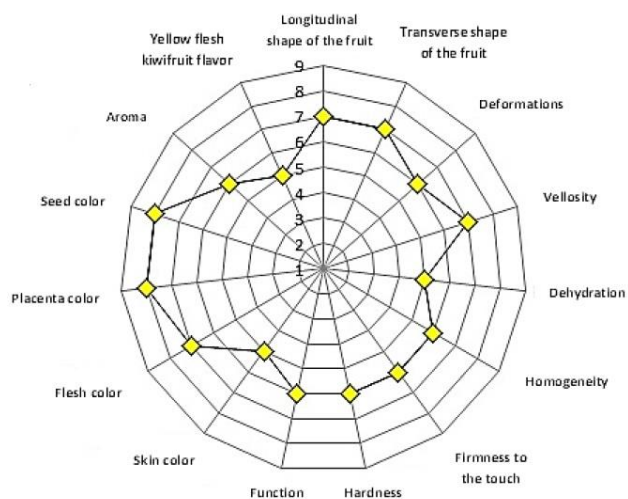


Figure 1. Description of agronomic attributes.