

One Step Ahead with Sustainable Agriculture



**La Hornilla –
Fundo Santa Inés**



Bayer
Forward 
Farming

Sustainable Agriculture in Practice



At Bayer ForwardFarms, farmers and Bayer experts demonstrate innovative solutions for sustainable agriculture that comprise three components:

// **Tailored Solutions** – Innovative products and services tailored to customer needs, including high quality seeds and traits, biological and chemical crop protection products and digital solutions. These solutions are backed by tailored services ranging from agronomic support, field demonstrations, diagnostics, and prediction tools to documentation.

// **Proactive Stewardship** to ensure product integrity (for seeds and crop protection products), protect human health, and preserve the environment. We offer training to raise standards of handling and usage, as well as to minimize any possible risks to human health and the environment.

// **Partnerships** to enhance the quality of life for farmers, communities, and society. Mutually beneficial partnerships that include all players in the value chain and help to leverage the potential for collaboration in modern agriculture.

Cristián Allendes is an innovative and experienced farmer with a life-long vision to “produce more with less”. His fields are located in a privileged area of central Chile, with a Mediterranean climate and fertile soils that allow for the harvest of tasty and quality fruits.

He is recognized in the area as a leader in the implementation of modern agricultural techniques, with a strong commitment to the environment and his workers. With Bayer ForwardFarming, on Agrícola La Hornilla, Bayer and farmers come together to demonstrate sustainable agriculture in practice.



*Introducing
La Hornilla –
Fundo Santa Ines*

**Managed by
Cristián Allendes**



Location:

Calera de Tango, near Santiago, Chile



History:

Agrícola La Hornilla Ltda. was established in 1986 in Melipilla and grew to include Fundo Santa Inés in 2012. Today, Cristián manages the fields with his children, Cristián Jr. and Benjamín.



Farming Land:

Mainly sandy loam



Crops:

Table grapes, cherries, plums, peaches, nectarines and sunflowers



Partners:

AgroSucces, Agroservicios TecnoTrans-Billo, Aquitania Equipos-LectroBlast, Agroriego, CDTEC, LBTRACK

La Hornilla – Fundo Santa Inés

Farm Profile



- Tailored Solutions
- Proactive Stewardship
- Partnerships

Key Elements

- 1 Integrated crop protection solutions**
Integrating phytosanitary products in a sustainable way with modern agricultural techniques.
- 2 Insect pest monitoring**
Continuous pest monitoring allows accurate applications and only when necessary.
- 3 Weed monitoring**
Permanent resistance monitoring of weeds, in order to implement control programs to avoid buildup of resistant weeds.
- 4 Efficiency in agricultural tasks**
Platforms to facilitate and improve thinning, pruning and harvesting, ensuring greater efficiency and safety in agricultural tasks.
- 5 Weather and irrigation monitoring**
Real-time information on weather conditions assists in achieving the correct use of crop protection products and optimal irrigation.
- 6 Satellite monitoring**
The satellite photographic spectrophotometric information helps determine orchard health throughout the season.
- 7 Operator safety**
Maximizing user safety throughout all elements of crop protection with personal protective equipment.
- 8 Targeted applications**
Efficient product application with electrostatic machines, which achieve better coverage, use less water, cause less drift and increase user safety.
- 9 Water protection**
Phytobac®: Sustainable management of wastewater from cleaning equipment in a closed system that biologically breaks down crop protection product residues.
- 10 Preserving biodiversity**
Planting of flower strips for feeding and proliferation of pollinators and other beneficial organisms.
- 11 Healthy hives for pollination**
Demonstrating good hive-management practices for healthy bees, ensuring optimal pollination services to the farm.
- 12 Partnerships**
Bringing together skills and expertise to demonstrate successful and modern sustainable farming in a holistic way.



For further information, visit our website:

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