



Business case Agricola EU

Location:	Fundo la Mina, Puente Negro, San Fernando, Chile
Application context:	Agriculture, Cherry farm
Problem definition:	Birds eating the cherries
Pest bird species:	Doves (<i>Columbidae</i>) and thrushes (<i>Turdidae</i>)
Time of the year with bird problems:	September - December
Time of the day with bird problems:	All day
Number of systems:	2 x Agrilaser Autonomic 500 with solar panel
In use since:	October 1, 2017
Laser projection area:	18 ha (<i>map 1</i>) and 9 ha (<i>map 2</i>)
Yearly production of the farm per ha due to the Autonomics' installations and increase in crop yield:	15260 - 16000 kg
Crop loss reduction in % after the Autonomic has been installed:	90%
Number of bird controllers before the Autonomic's use:	4
Number of bird controllers after the Autonomic's use:	0



Agricola EU deploys Autonomic laser systems to avoid losses in the cherry crops

Germán González is Operations Manager at Agrícola EU and Fundo La Mina who has always experienced difficulties with choosing the right bird deterrent to eliminate bird damage to crops. The bird problems kept growing and becoming bigger and bigger every year.

In the recent season Germán and his team decided to install laser bird deterrent systems to avoid crop losses at their cherry fields. The first Autonomic was installed to cover an area of 18 hectares called El Manzano, the second Autonomic covered another area of 9 hectares called El Burro.

Innovative System

“We have always looked for better alternatives than the bird deterrents we already used such as gas cannons which would only work for a few days because birds get used to them. We first learned about the laser bird deterrent on the internet and the Autonomic immediately triggered our curiosity. I heard about the system before and found the idea of laser bird deterrent very interesting. We are always willing to try new things so I decided to try out two Autonomics on both of our cherry fields.

Immediate results

“Our first impression was great. There was a drastic change in the behavior of the birds and the number of birds after installation reduced dramatically. The Autonomic minimized the bird damage drastically helping us obtain a good harvest. We noticed that our neighbouring producers had a lot of bird damage, they constantly worried about the birds in their field due to their ineffective bird control methods. Thanks to the automated bird deterrent system, our crop losses were minimized. We are very happy with the Autonomic laser deterrents”

Germán González Operations Manager

