



Improving the Quality of Flowers

Las Palma de Ocoa city, Valparaiso, Chile

text translated from the original by Agriton Sverige AB

Link: <https://www.emrojapan.com/case/detail/95>

Overview

Located in Las Palma de Ocoa city, 110 km north from the capital city of Santiago, Súper Flor is a company dedicated to gerbera flower production for more than 16 years (at 2017). Today, Súper Flor is the largest producer of gerbera flower in Valparaiso province.

Súper Flor has introduced EM Technology as a pilot test to control fungus during 1 year.

Features of the Súper Flor farm

Scale: 1.5ha

Products: Gerbera flower

Personnel staff: 7 staff

Market: for national consume





EM Application

The use EM Technology as a pilot test to control fungus during 1 year.
They use AEM (Activated EM·1) to soil, flower bulbs and plant treatment.

In soil treatment, they added a lot of organic matter 1 month before of planting such as goat manure and residue of leaf.

AEM was applied via drip irrigation during all the cultivation season.

In flower bulb, they soaked them in AEM before planting.

In plants, they sprayed with AEM directly to flowers using backpack sprayer.

Effects and Results

1. Low mortality in EM treated area
2. Greener and vivid color of plants and flowers in EM area.
3. First time in reached larger stem size and flower diameter in the shortest time using EM.
4. Best quality of flowers with better price on the market with EM.
5. Production of flower increased in 45% in EM area.
6. Reduction of cost in 75% due to reduction of fungicides and disinfectants with EM application.
7. EM is easy to apply in the current protocol by using drip irrigation.
8. Biological condition of soil improved with the presence of Trichoderma in 3000/g of soil while Fusarium was not detected in the EM area.

For further information, please contact our partner in Chile at:

BIOPUNTO

Ana Patricia Luengas
Las Verbenas, 9129 – Las Condes, Santiago – Chile
Tel: +(569) 6494-3978
e-mail: contacto@biopunto.cl

