

SILOCHEM-GIS



**No more**  
cracking in cherries



bel  
cert

**GMP**  
(GOOD MANUFACTURING PRACTICES)  
ISO 22716:2013

**QMS**  
(QUALITY MANAGEMENT SYSTEM)  
ISO 9001:2015

# SILOCHEM-GiS



## Polyether-Polymethylsiloxane-Copolymer

Silicylic acid prevents fruit cracking by physical structures Waterch as formation of a thick silica layer under the cuticle, formation of a double-layered cuticle layer, thickening of the silicon cellulose membrane, papilla formation, block formation with organic compounds in the epidermal cell wall.

Silicon is about 28% in the earth's crust and about 0.1 - 10% in terrestrial plants according to the dry weight principle, but it is necessary to know which forms of silicon are biologically absorbed by the plant.

Polysilicic acid, which is a polymerisation of silicic acid, is not in a bioavailable form.

The only plant-available forms of silicic acid are monosilicylic acid  $\text{Si}(\text{OH})_4$  or orthosilicic acid (OSA).

| WHERE IT IS USED                              | APPLICATION DOSAGE   |
|---|----------------------|
| Pomegranate                                   | 100 ml / 100 l water |
| Cherry  | 100 ml / 100 l water |
| Apricot                                       | 100 ml / 100 l water |
| Apple   | 100 ml / 100 l water |
| Pear  | 100 ml / 100 l water |
| Vegetable                                     | 100 ml / 100 l water |
| Strawberry                                    | 100 ml / 100 l water |
| Olive   | 100 ml / 100 l water |
| Citrus  | 100 ml / 100 l water |
| Pistachio                                     | 100 ml / 100 l water |
| Cut Flower                                    | 100 ml / 100 l water |
| Vineyard                                      | 100 ml / 100 l water |
| Watergar Beet, Potato, Onion, Radish, Carrot, | 100 ml / 100 l water |
| Greenhouse and Covered Vegetables             | 100 ml / 100 l water |

