

## Folanx<sup>®</sup> Ca29

### Calcium Leaf Fertilizer Granulate

#### Properties

The special, scientifically based composition of Folanx<sup>®</sup> Ca29 - with its highly available calcium source calcium formate - protects against bitter pit as well as discoloration of the skin and flesh. It also strengthens cell structure, which reduces the penetration of microbial and fungal pathogens. The effectiveness of crop protection agents can also be increased.

As a result of the selection of biologically well tolerated materials, the application of Folanx<sup>®</sup> Ca29 practically eliminates the customary leaf burn.

Folanx<sup>®</sup> Ca29 is distributed uniformly over the leaf and fruit and acts very rapidly on these parts of the plant. The result is a high proportion of marketable fruit of significantly improved quality. Folanx<sup>®</sup> Ca29 improves the shelf life of the fruit.

Folanx<sup>®</sup> Ca29 is licensed for use as an EC fertilizer.

#### Specification

Active ingredient:	calcium formate
Structural formula:	Ca(HCOO) <sub>2</sub>
Calcium content:	29 % (CaO 40.6 %)
Formate content:	min. 56 %
Aggregate condition:	powder
Color:	white / slightly yellowish
Odor:	slightly sour
pH (in 1 % solution):	5 - 6
Density (g/cm <sup>3</sup> ):	1.0

#### Dosage and recommended administration

<b>Pip fruit</b>	To prevent bitter pit, browning of the flesh and skin, 2 to 4 treatments, each at 2.5 kg per ha and per meter of crown height after flowering until the fruit is walnut-size, and 2 to 4 treatments each at 2.5 kg per ha and per meter of crown height from summer to harvesting.
<b>Wine</b>	For stronger grape skin and to reduce fruit rot, 3 - 8 treatments with a basic application amount of 2.5 kg/ha or 2.5 kg/ha increasing to 6.0 kg/ha, one to two treatments on fully developed inflorescences. Repetitions: From fruit set to the stage where the berries are beginning to touch and until beginning of coloration.
<b>Stone fruit</b>	To improve the calcium supply and for more stable and stronger fruit, 2 to 6 treatments, each at 2.5 kg/ha and per meter of crown height after flowering and until harvesting.
<b>Strawberries and raspberries</b>	For more solid berry flesh and more stable, larger berries, 5.0 - 7.5 kg/ha from the appearance of blossoms until flowering and 7.5 kg/ha, depending on weather conditions, every 7 - 14 days beginning with development of the berries. For use during flowering, the quantity applied should not exceed 5.0 kg/ha if possible.

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

LANXESS Distribution GmbH / CHEMPARK Leverkusen, Kaiser-Wilhelm-Allee 40 / 51369 Leverkusen, Germany / [www.lanxess-distribution.com](http://www.lanxess-distribution.com) / [www.folanx.com](http://www.folanx.com)

**Folanx® Ca29**

**Calcium Leaf Fertilizer Granulate**

**Tomatoes and peppers** To treat blossom end rot, 5.0 to 10.0 kg/ha, from start of flowering to change in color, 5 to max. 10 treatments.

**Greens and leafy vegetables** To treat tip burn and leaf margin necrosis, 3 to 4 treatments each at 5.0 - 7.5 kg/ha beginning at the start of head development.

To improve the uptake of nutrients, we recommend use in combination with Folanx® Amin and/or Folanx® FruVin.

The quantity of water applied should not be less than 500 L/ha. For use only when actually necessary; take the indications of crop and soil analyses into consideration. Do not exceed recommended application amounts. Only apply treatment to dry leaves.

Do not exceed the allowable maximum concentration of 20.0 kg/ha Folanx® Ca29 to prevent phytotoxic reactions of parts of the plant.

When to apply: at least 2 hours before rain or precipitation.

Recommendations of official agriculture authorities take precedence over these instructions.

**Miscibility**

Folanx® Ca29 can be mixed with common crop protection agents. However, because it is impossible to foresee all possible combinations, in all cases we recommend conducting a mixing test using small quantities of the products to be sprayed.

**Storage/Shelf life**

Minimum shelf life 2 years (when stored in closed original packaging in a cool, dry place). Store out of direct sunlight. Storage and preparation facilities must be well ventilated.

**Packaging**

- 15 kg shipping carton (3 aluminum bags, 5 kg each)

**Labeling**

Classification and labeled in accordance with Regulation (EC) 1272/2008 [CLP/GHS]:

Hazard pictogram:



Signal word **Danger**

Calcium formate  
[544-17-2]

**Hazard statements** Causes serious eye damage (H318)

**Precautionary statements**

- Prevention** Wear eye/face protection (P280)
- Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305 + P351 + P338)  
Immediately call a POISON CENTER or doctor/physician (P310)
- Storage** Not applicable
- Disposal** Not applicable

See Material Safety Data Sheet for additional information.

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

## Folanx<sup>®</sup> Ca29

## Calcium Leaf Fertilizer Granulate

### Certification and registration

European Union: Complies with Commission Regulation (EU) No 137/2011 of 16 February 2011 amending Regulation (EC) No 2003/2003 of the European Parliament and the of the Council relating to fertilizers (...) as amended and supplemented.

Federal Republic of Germany: Complies with the Düngemittelverordnung (DüMV; German Fertilizer Regulation) dated December 16, 2008, as amended and supplemented.

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

LANXESS Distribution GmbH / CHEMPARK Leverkusen, Kaiser-Wilhelm-Allee 40 / 51369 Leverkusen, Germany / [www.lanxess-distribution.com](http://www.lanxess-distribution.com) / [www.folanx.com](http://www.folanx.com)