

# Carnival®

A highly soluble calcium foliar fertilizer with magnesium, nitrogen, boron and zinc



## EC FERTILISER (Ireland only)

## UK FERTILISER (GB only)

Calcium nitrate solution with magnesium and micro-nutrients for foliar application.

Nitrogen total (N)	10 % w/w	(149 g/l)
Calcium oxide (CaO)	15 % w/w soluble in water	(225 g/l)
Magnesium oxide (MgO)	2 % w/w soluble in water	(30 g/l)
Boron (B)	0.05 % w/w soluble in water	(0.75 g/l)
Zinc (Zn)	0.02 % w/w soluble in water	(0.3 g/l)

Net content: 15kg

To be used only where there is a recognised need. Do not exceed the appropriate dose rates.

## RATES OF USE AND TIMING

### Apples:

Low concentration of calcium increases the risk of bitter pit, russeting, skin splitting, cracking, surface rupture and can seriously affect the potential for crop storage. Applications of calcium help to condition the tree throughout the growing season.

Rates of Use: 2 - 5 l/ha from bud burst to the beginning of flowering, repeated every 7 - 10 days.  
5 - 10 l/ha from petal fall to one week before harvest, repeated every 10 - 14 days.

Water Volume: Depending on tree size 200 - 500 l/ha, applying sufficient water to reach onset of runoff.  
Timing: The exact rates and timing can be manipulated to suit local spraying practices.

Avoid spraying during high temperatures. If temperatures exceed 21°C and spraying cannot be delayed, use the lower rate and apply at frequent intervals to give the same total amount over the season. Spraying in the late afternoon or early evening has been shown to reduce the risk of scorch. Young foliage is more susceptible to phytotoxicity.

### Strawberries:

To improve fruit firmness and prolong shelf life.

Rates of use: 2.5 l/ha (maintenance treatment)  
5.0 l/ha (deficiency treatment)

Water Volume: 500 - 1000 l/ha

Timing: Apply from start of flowering. Repeat at 10 - 14 days intervals as necessary.

### Carrots:

For prevention of deficiency

Rates of use: 5.0 l/ha

Water Volume: At least 200 l/ha

Timing: Make 2 - 3 applications at 10 - 14 day intervals beginning at the pencil stage.

### Celery:

Blackheart, a localized calcium deficiency usually occurs in young immature leaves at the centre of the plant.

Spray to ensure the product reaches the heart of the plant.

Rates of use: 5.0 l/ha

Water Volume: At least 200 l/ha

Timing: As early as possible once the young plant has sufficient foliage to absorb the spray.

### Outdoor lettuce:

To prevent Tip-burn, apply the spray directly to the susceptible tissue. Early treatment is essential. Do not apply Carnival to protected lettuce.

Rates of use: 5.0 l/ha

Water Volume: At least 200 l/ha

Timing: Begin applications before head formation and repeat every 10 - 14 days as necessary.

### Potatoes:

For the reduction of calcium deficiency related disorders.

Rates of use: 5.0 l/ha

Water Volume: Use sufficient water to ensure good cover of the haulm.

Timing: Apply as required and repeat after 10 - 14 days

### Vegetable brassicas:

For the prevention of deficiency problems in cauliflower, cabbage, brussels sprouts, chinese vegetables

Rates of use: 5.0 l/ha

Water Volume: At least 200 l/ha

Timing: Spray early in the growing season at 7 - 10 day intervals

It is recommended that soil and tissue analysis results are used whenever possible to guide micro and macronutrient applications to optimise crop nutrient status. Do not apply this product in very bright sunlight or in temperatures above 25°C. If possible, spray in the evening or early morning for best results.

## APPLICATION

### Shake the container well before opening and use.

Spray equipment should be clean.

Half fill the spray tank with water, begin agitation and add the required quantity of Carnival. Rinse the container thoroughly, add the rinsings to the spray-tank, complete the filling and apply without delay. Maintain agitation throughout.

Clean sprayer thoroughly after use.

## COMPATIBILITY

Carnival is physically and chemically compatible with a wide range of agrochemical products.

Consult your supplier for the latest information.

Up-to-date information is available at [www.fmc-agro.co.uk](http://www.fmc-agro.co.uk).

Always read the label of the partner product carefully before mixing with Carnival.

## STORAGE

Protect from frost. Store above 5°C. Keep in cool, well ventilated suitable store.

Do not store in direct sunlight or near direct sources of heat. Keep out of reach of children.

Keep away from food, drink and animal feedstuffs.

## SAFETY PRECAUTIONS

H302: Harmful if swallowed.

H318: Causes serious eye damage.

### Danger

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Contains: CALCIUM NITRATE

UFI: 0TY0-T3FM-QN4M-G47E

Made in UK

Batch No: See neck of the bottle

# Contents: 10 litres

Packed in boxes of 2 x 10 litres

Manufactured by:

FMC Agro Ltd, Rectors Lane, Pentre, Flintshire, CH5 2DH, UK.

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