

Regulex[®] 10SG

MAPP 17158



A water soluble granule formulation containing 100 g/kg (10 % w/w) of a mixture of gibberellins A4 and A7.

A plant growth regulator for the reduction of fruit russetting of apples, for improved fruit set in pears and for improved germination of *Nothofagus* seeds

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL PLANT GROWTH REGULATOR

Crops	Maximum individual dose (g product/ha)	Maximum total dose (g product/ha / year)	Minimum harvest interval
Apple	100	400	See instructions for use
Pear	150	150	
Forest nursery (seed):	See 'Other specific restrictions'		

Other Specific Restrictions: Use on forest nursery (seed) refers to a seed soak for *Nothofagus* spp. When used for this purpose the maximum concentration must not exceed 2.5 g product in 5 litres of water.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

SAFETY PRECAUTIONS

Operator protection

WASH HANDS before eating and after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE

Environmental protection

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads

To protect birds/wild mammals the soaked seed for Forest nursery (seed) should be grown on under protection until emergence (BBCH 09)

Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS

KEEP OUT OF REACH OF CHILDREN.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank, and dispose of safely.

STORE IN A COOL, DRY PLACE

STORE IN ORIGINAL CONTAINER, tightly closed, in a safe place.

To avoid risks to human health and the environment, comply with the instructions for use.

Marketed by:

Interfarm UK Ltd. 36, Newgate Street,
Doddington, Cambs. PE15 0SR.
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Authorisation holder:

Sumitomo Chemical Agro Europe SAS
Parc d'Affaires de Crécy, 10A rue de la Voie Lactée
69370 Saint-Didier-au-Mont-d'Or, France

Batch N°:

Date of manufacture:

Net content: 10g / 100 g

FOR 24 HOUR EMERGENCY INFORMATION ONLY: CALL +44 (0)844 560 5135

DIRECTIONS FOR USE

IMPORTANT: This information is authorised as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

Properties of Regulex 10SG

'Regulex' 10SG is a water-soluble granule formulation containing a mixture of the gibberellins A4 and A7. Both these gibberellins occur naturally in plants.

Applied on apples, 'Regulex' 10SG greatly reduces fruit russeting, resulting in fruit of improved quality. It is probable that 'Regulex' 10SG improves fruit finish by increasing the elasticity and the production rate of the outer epidermal cells of the rapidly expanding fruitlets after petal fall. In addition to fruit quality, 'Regulex' 10 SG can have an influence on marketable yield.

After late frost or insufficient pollination, 'Regulex' 10SG improves fruit set in pears by inducing parthenocarpic fruit development (fruit development without fertilization).

In both apples and pears, treated fruit may tend to be slightly more conical and elongated in shape. The use of the higher rates may cause an increase in small fruit and a reduction in return bloom. Consult processors before treating crops grown for processing.

'Regulex' 10SG is also recommended for the use as a seed soak to improve the germination of forest tree seeds (*Nothofagus obliqua* and *N. procera*).

THIS IS A QUALIFIED MINOR USE RECOMMENDATION

Application to Apples and Pears

Preparation of the spray solution:

Half fill the spray tank with clean water. Add the recommended quantity of 'Regulex' 10SG to the sprayer using a filling device, or by direct addition to the spray tank. Wash out containers thoroughly or preferably use an integrated pressure rinsing device, or manually rinse three times. Add washings to the sprayer at the time of filling. Top-up the tank with water to the required level.

Water volume and spraying:

For optimum results good coverage of flowers or fruitlets is essential, and this can best be achieved by applying in a volume of 500 (small and young trees) to 1000 litres/ha (fully developed trees). Spraying under humid and slow drying conditions will further enhance the results achieved. Apply by any suitable orchard sprayer. Do not leave spray liquid in the sprayer for long periods (i.e. during meals or overnight).

Varieties:

'Regulex' 10SG has been used on various apple ('Cox', 'Discovery', 'Elstar', 'Golden Delicious', 'Karmijn', 'Tentation') and pear ('Conference', 'Packhams Triumph', 'Bosc Flaschenbime', 'Abate Fetel', 'Gute Luise') cultivars.

Application recommendations for apple and pears:

USE	Product Dose	Spray Volume	Spray Timing
Russet control in apple	25-100 g/ha	Apply in a sufficient amount of water to ensure adequate coverage of fruit and foliage without excessive run-off.	Apply 'Regulex' 10SG the first time between full bloom and petal fall followed by three further sprays at 7 to 12 day intervals. The higher rate, earlier applications and shorter intervals are recommended when russet conditions are severe (long cold wet periods during bloom and thereafter).
Improved fruit set in pear	150 g/ha	Apply in a sufficient amount of water to ensure adequate coverage of fruit and foliage without excessive run-off.	A single application with 'Regulex' 10SG during the flowering period at 20-30% open flowers or in the case of frost between pink bud and petal fall within 24 hours.

Regulex 10SG UK01(A)
Meets NAN 2015-1654



Application to Forest tree seeds

For improved germination of *Nothofagus obliqua* and *N.procera*.

Application recommendations for forest tree seeds:

USE	Product Rate	Application method
Improved germination of <i>Nothofagus obliqua</i> and <i>N.procera</i> seeds	2.5 g in 5 litres of water.	Stir seeds in the solution to ensure wetting and soak for 24 hours. Sow immediately on completion of the soak.

This product is to be used in accordance with the recommendations and instructions given on the labels provided with this pack. Use in any other circumstances is entirely at user's risk. Before using any tank-mixture, always consult and comply with the recommendations of the partner product.

NOTICE TO USER

Seller makes no warranty, expressed or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

Manufactured by:

ValentBioSciences Corporation, 870 Technology Way, Libertyville, IL 60048, USA

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