



We create chemistry

Regalis[®] Plus

Reg. No. L10535

Act No. 36 of 1947

A water dispersible granular plant growth regulator to be used to reduce excessive shoot growth in apples.

Active ingredient/ Aktiewe bestanddeel:

Prohexadione-calcium (acylcyclohexanediones)100 g/kg

Proheksadioon-kalsium (asielsikloheksaandiones)100 g/kg

Reg. Nr. L10535

Wet Nr. 36 van 1947

'n Waterdispergeerbare korrel plantgroeireguleerder wat gebruik word vir die vermindering van oormatige lootgroei in appels.

Registered by / Geregistreer deur:

BASF South Africa (Pty) Ltd.,/ BASF Suid-Afrika (Edms) Bpk

Co. Reg. No. / Mpy Reg. Nr 66/10235/07

P.O. Box / Posbus 2801, Halfway House / Halfweghuis 1685

Batch Number / Lotnommer:

Date manufactured / Datum vervaardig:

EMERGENCY NUMBER / NOODNOMMER: 083 265 3805

3,5 kg

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WARNINGS

ALLOW THE FOLLOWING NUMBER OF DAYS BETWEEN LAST APPLICATION AND HARVEST:

Apples	56
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- Handle with care.
- Store in a cool, dry place away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- RE-ENTRY INTERVAL: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment, or harm to man or animal, or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions, or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

- Do not inhale spray mist or dust.
- Wash contaminated clothing daily.
- Wash with soap and water after accidental skin contact.
- Do not smoke, eat or drink during mixing and spraying operations before washing hands and face thoroughly.
- Do not contaminate springs, dams, rivers, eating utensils, food or feed.
- Prevent drift onto other crops and grazing.
- Rinse the empty container with a volume of water equal to at least 10 % of the volume of the container and destroy empty container and dispose of it in a safe way and never re-use for any other purpose.

DIRECTIONS FOR USE:

USE ONLY AS DIRECTED

Mixing instructions:

Half fill the spray tank with clean water. Add the required volume of **Regalis® Plus** to the spray tank. Fill the spray tank with water to the desired volume while stirring continuously to ensure complete mixing before spraying is commenced. Maintain agitation during application. The prepared spray mixture should not be left in the spray tank for an indefinite period, e.g. overnight.

APPLICATION INSTRUCTIONS

General information:

- **Regalis® Plus** is mainly absorbed by the leaves, yet a minimum of leaf surface is required for good uptake of the active ingredient.
- Only apply **Regalis® Plus** to actively growing trees according to the tree size and the rates as listed in the table below.

- High temperatures, low relative humidity and strong winds restrict the uptake of **Regalis® Plus**. It requires four to eight hours for sufficient uptake by the trees and therefore it is critical to apply **Regalis® Plus** preferably late in the afternoon, or alternatively, early morning.

Timing of application:

- The first application should be sprayed when the terminal and lateral shoots are at a length of 3 – 5 cm and 3 – 5 leaves per shoot are fully developed. This period is associated with approximately pink bud stage.
- Repeat with a second application 4 weeks later.

High volume application:

The water volume to be applied per hectare should be calculated according to the Tree Row Volume (TRV) formula described by Unrath (Deciduous Fruit Grower Nov. 1986):

$$\ell / \text{ha} = \frac{\text{Tree height} \times \text{Tree depth} \times 937}{\text{Row Width}}$$

The above formula indicates the required volume of water for High Volume (HV) applications when the trees are in full leaf. Based on the above formula, the following water volumes are recommended for the various growth stages:

GROWTH STAGE / APPLICATION	% HV WATER REQUIREMENT / HA
Pink bud stage – first application	80 %
4 weeks later – second application	100 %

Low volume application:

- When a low volume application of **Regalis® Plus** is applied, the rate must be at least 1,25 kg/ha.
- Use the above formula to calculate the required amount of **Regalis® Plus** per ha.

All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to give the desired coverage for that particular method of application.

CROP	DOSAGE RATE	DIRECTIONS FOR APPLICATION
APPLES	70 g Regalis® Plus / 100 ℓ water	<p>Regalis® Plus must be applied at a minimum of 1,25 kg/ha.</p> <p>Apply as a foliar application when the terminal and lateral shoot lengths reach 3 – 5 cm and 3 – 5 leaves are unfolded (See Timing of application above). Apply as a high volume application according to Tree Row Volume, or when low volume application is applied. Refer to Low volume application above.</p> <p>A second application must be applied 4 weeks after the first application.</p>

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