# PLANT GROWTH REGULATOR

# THE RHIZOPON® RANGE

A range of plant growth regulators to stimulate root initiation and production on cuttings of ornamental cuttings.

CHRYZOPON® ROSE (0.1% IBA)
CHRYZOTOP® GREEN (0.25% IBA)
CHRYZOTEK® BEIGE (0.4% IBA)
CHRYZOPLUS® GREY (0.8% IBA)

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RHIZOPON® AA POWDER (0.5% IBA)
RHIZOPON® AA POWDER (1% IBA)
RHIZOPON® AA POWDER (2% IBA)
RHIZOPON® AA TABLETS (50 mg IBA/tablet)

- A range of products containing an auxin to induce root initiation.
- Accelerates and promotes root formation in cuttings.
- Wide range of concentrations that can be matched closely to the specific plant's requirement.
- Colour coded powders in the "Chryzo" products.



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USE PLANT PROTECTION PRODUCTS SAFELY.
ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE

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# THE RHIZOPON® RANGE OF ROOTING HORMONES

#### **ROOTING POWDERS**

CHRYZOPON ROSE 0.1%

A powder containing 0.1% w/w 4-indol-3-ylbutyric acid (IBA).

Product registration number: MAPP 17566

Pack sizes: 350g, 10kg.

**CHRYZOTOP GREEN** 

A powder containing 0.25%w/w 4-indol-3-ylbutyric acid (IBA).

Product registration number: MAPP 17567

Pack sizes: **350g**, 10kg.

**CHRYZOTEK BEIGE** 

A powder containing 0.4% w/w 4-indol-3-ylbutyric acid (IBA).

Product registration number: MAPP 17568

Pack sizes: **350g**, 10kg. CHRYZOPLUS GREY 0.8%

A powder containing 0.8%w/w 4-indol-3-ylbutyric acid (IBA).

Product registration number: MAPP 17569

Pack sizes: **350g**, 10kg. RHIZOPON AA POWDER (0.5%)

A powder containing 0.5%w/w 4-indol-3-ylbutyric acid (IBA).

Product registration number: MAPP 17570

Pack sizes: 100g, **500g**, 10kg. RHIZOPON AA POWDER (1%)

A powder containing 1.0% w/w 4-indol-3-

ylbutyric acid (IBA).

Product registration number: MAPP 17571

Pack sizes: 100g, **500g**, 10kg. RHIZOPON AA POWDER (2%)

A powder containing 2.0% w/w 4-indol-3-ylbutyric acid (IBA).

Product registration number: MAPP 17572

Pack sizes: 100g, 500g, 10kg.

#### **TABLETS**

RHIZOPON AA TABLETS

A tablet containing 50mg 4-indol-3-ylbutyric acid (IBA).

Product registration number: MAPP 17573

Pack sizes: 20, 200, 2,500.

#### OTHER PRODUCTS

The following products are no longer available:

CHRYZOSAN WHITE 0.6% w/w IBA.
RHIZOPON B products containing NAA.
RHIZOPON A products containing IAA.

#### FOR THE POWDER FORMULATIONS

The following text comes from the approved product labels for the powder products: IMPORTANT: This information is approved 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.

# Restrictions and Warnings:

Choose the correct product. Too high a concentration may injure cuttings; too low may delay rooting or give no beneficial effect.

Only remove sufficient powder from the container for the use required; do not return any soiled powder to the container.

{The products is a} ready to use powder for treating softwood and hardwood cuttings in ornamental plant production to stimulate root production.

For hardwood cuttings only moisten base of

cuttings with water and shake off excess.

Dip cutting bases approximately 1-2cm from the base in the powder.

Shake of superfluous powder carefully and plant the cuttings as usual.

It is advisable to take a small amount of powder out of the container into a small treatment container. Do not return any used powder.

Planting holes should be made to ensure the powder is not removed on insertion.

After planting water the cuttings in if necessary.

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To select the appropriate concentration and product refer to the rooting guide\*.

IMPORTANT INFORMATION FOR USE ONLY AS A HORTICULTURAL PLANT GROWTH REGULATOR				
Crops	Ornamental plant production (propagating material)			
Maximum number of treatments	1			
Latest time of application	Before cutting insertion			
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.				

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

#### SAFETY PRECAUTIONS

## **Operator Protection**

DO NOT BREATHE DUST.

WASH HANDS AND EXPOSED SKIN before meals and after work.

#### **Environmental Protection**

DO NOT CONTAMINATE SURFACE WATERS with chemical or used container.

# Storage and Disposal

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

EMPTY CONTAINER COMPLETELY and dispose of safely.

#### **Powder formulations**

SP1 Do not contaminate water with the product or its container.

EUH 210 To avoid risks to human health and the environment comply with the instructions for use.

Keep out of reach of children.

Keep containers dry.

Keep containers in a well ventilated place.

Avoid contact with skin and eyes.

Wear suitable protective clothing gloves and eye/face protection.

To avoid risks to man and the environment comply with the instructions for use.

#### FOR THE TABLET FORMULATION - RHIZOPON AA TABLETS

#### The following text comes from the approved product labels for the tablets:

IMPORTANT: This information is approved 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.

#### Restrictions and Warnings:

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Choose the correct product. Too high a concentration may injure cuttings; too low may delay rooting or give no beneficial effect.

tablets for treating softwood and hardwood cuttings in ornamental plant production to stimulate root production.

Prepared cuttings should be placed in a solution of Rhizopon, mixed to the required strength for a period of 4-24 hours.

RHIZOPON AA TABLETS are water soluble strength for a period of 4-24 hours,

Rhizopon range

depending on plant species.

After treatment, insert the cuttings as usual, firming the rooting medium and watering in if necessary.

Dissolve tablets in water only.

A small amount of visible inert ingredient does not affect results.

Use a plastic container non-metallic{\*\*}. {\*\*stainless steel is acceptable}

To select the appropriate concentration refer to the rooting guide\*.

IMPORTANT INFORMATION FOR USE ONLY AS A HORTICULTURAL PLANT GROWTH REGULATOR					
Crops/situations		Maximum total dose	Maximum number of treatments	Latest time of application	
Ornamental plant production (propagating material)	-	-	1	Before cutting insertion.	

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.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

#### SAFETY PRECAUTIONS

# **Operator Protection**

DO NOT BREATHE DUST.

WASH HANDS AND EXPOSED SKIN before meals and after work.

#### **Environmental Protection**

DO NOT CONTAMINATE SURFACE WATERS with chemical or used container.

#### Storage and Disposal

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

EMPTY CONTAINER COMPLETELY and dispose of safely.

#### RHIZOPON AA TABLETS

Water soluble tablets containing 200g/kg w/w 4-indol-3-ylbutyric acid

H361 Suspected of damaging fertility. Suspected of damaging

the unborn child.

P280 Wear protective gloves/protective clothing/eye

protection/face protection.

SP1 Do not contaminate water with the product or its container.



Warning.

EUH 210 To avoid risks to human health and the environment comply with the instructions for use.

Keep out of reach of children.

Keep containers dry.

Keep containers in a well ventilated place.

Avoid contact with skin and eyes.

Wear suitable protective clothing gloves and eye/face protection.

To avoid risks to man and the environment comply with the instructions for use.

# RHIZOPON RANGE - additional notes.

To select the appropriate concentration and product please refer to the rooting guide\*.

#### **USING THE POWDERS**

Full information is given in the rooting guide. Decant sufficient powder from the original container for immediate use.

Due to possible contamination any unused powder should not be returned to the original container.

Keep the powders dry. Powder that becomes damp will quickly lose its strength. Insert the base of the cutting to a depth of 1 to 3cm (depending on the size of the cutting) into the powder. The cutting can start forming roots over the entire powdered surface.

Dip the base of all cuttings in a uniform manner to produce uniform rooting.

Shake off any excess powder.

Prevent powder from coming into contact with leaves or other parts of the plant since this can cause damage.

#### **USING THE SOLUTIONS (TABLETS)**

Use only glass, plastic or stainless steel containers.

Fill container with desired quantity of water then pour some into a separate container to mix.

Add the correct number of tablets to produce the correct concentration.

Mix for at least one minute until the tablets are dissolved. (a small amount of product will sink to the bottom as an insoluble inert sediment, but this will have no adverse

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effects).

Add the concentrated solution to the main container, the solution is now ready to use.

NB Do not make up any solution until you are ready to use it. This advice should be followed since the active ingredient will break down under the influence of light, temperature and bacteria.

## **Absorption Method:**

Use solutions only once as the active ingredient breaks down quickly under the influences of light, temperature and pollution.

Put prepared solution in glass, plastic or stainless steel container until the surface of the liquid is approximately 2-2.5 centimetres above the bottom.

Place cuttings so that the base of the cuttings are immersed in the solution and allow them to absorb the solution for 12 hours or time stated in the rooting guide.

#### Immersion Method:

Put prepared solution into a container.

Immerse the cuttings completely for 5 seconds.

Ensure that all the cuttings are submerged so that they come into good contact with the liquid.

Avoid bruising the cuttings! Do not immerse too many at one time.

# Quick Dip:

Fill plastic, glass or stainless steel container with a highly concentrated Rhizopon solution.

When using more than 20 tablets per litre

consult the rooting guide for special instructions.

Dip bases of the cuttings briefly into the solution.

Use only a clean, fresh solution! The active ingredient breaks down quickly.

# Spraying:

Where spraying is mentioned in the rooting guide it means inserting the cuttings and

then applying the dissolved tablet solution as a foliar spray. The hormone is then taken into the plant and translocated downwards. In the UK however the approval restricts application to before cutting insertion so there is no approval for this technique.

The manufacturer does not accept responsibility for any possible immediate or consequential damage, resulting from the application of Rhizopon growth regulators.

Detailed information on rooting specific varieties is listed in the Rhizopon rooting guide or www.rhizopon.com

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Safety data sheet available on request.

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<sup>\*</sup>The rooting guide is available at www.rhizopon.com or at www.fargro.co.uk Please note that the rooting guide is a international document and not all recommendations are appropriate for the UK label.

<sup>\*\*</sup>Not as per product label.