

SAFETY PRECAUTIONS: Wear suitable protective clothing (coveralls) and suitable protective gloves when handling the product or when applying by hand-held equipment. When using do not eat, drink or smoke. Keep in original container, tightly closed, in a safe place.

DIRECTIONS FOR USE: B-NINE SG is a growth regulator which reduces the internode length of a number of ornamental plants, thus producing compact and robust plants. Foliage tends to be greener and the plants more able to withstand drought and transport stresses. The period of saleability of many plant types can be extended. B-NINE SG can be used on a wide range of ornamental plants grown under protection. For use on protected ornamental plants not specified on the label, growers are advised to test B-NINE SG in small pilot trials to assess the efficacy and crop safety of the product under their local conditions and cultivars grown, before more wide-scale use.

RESTRICTIONS: Response to treatment with B-NINE SG differs widely depending on variety, stage of growth and physiological condition of the plant. It is not possible to establish one precise dose rate for the individual species because the dose depends not only on the plant species and variety, but also on growth factors such as water, fertiliser, light intensity, stage of plant at first application, and the effect that the user wants to achieve. Under some conditions and on some varieties, B-NINE SG may delay flowering. Effects on final bloom number, size and colour have not been fully established. Always test on a small scale any new variety to observe if symptoms occur, before large scale use.

Do NOT use on the *Chrysanthemum* variety Fandango. Do NOT mix B-NINE SG with other spray chemicals, unless specifically recommended. Spray when foliage is dry. Apply only to turgid, well watered plants. Best results are obtained when the application is made in late afternoon, when the glasshouse has cooled down from the heat of the day. Plants should not be watered for 24 hours after application of B-NINE SG.

MIXING: Wash out the spray tank thoroughly before and after use. Make up the correct amount of solution required that day and do not store in metal containers. Add the required amount of B-NINE SG to clean water and stir or agitate vigorously until dissolved. Do not leave the B-NINE SG spray in contact with metal for more than 2 hours.

APPLICATION: Use compressed air or power sprayers. Ensure good spray coverage of plant foliage, spraying just to the point of run-off. This will generally be achieved by using a water volume of 1000 l/ha with a FINE spray quality.

RATES OF USE: The maximum individual dose of B-NINE SG that can be applied is 5.0 kg product per hectare. The maximum total dose of B-NINE SG that can be applied to any one crop in a growing season is 15.0 kg product per hectare. Do NOT exceed a maximum individual dose of 5.0 kg product per hectare. Do NOT exceed a maximum total dose of 15.0 kg product per hectare per growing season.

POTTED PLANTS

Pot chrysanthemums:

To produce well branched and compact plants: Apply when the breaks are 12-25mm long. Under vigorous growing conditions tall varieties may require a further application after 10-14 days.

A dose range of 1.2 to 5.0 kg product/ha will produce well branched and compact plants. At the higher rates of application within this dose range, flowering may be delayed. Rates of use as g product per litre water are shown in the table below.

kg product/ha	Water volume			
	800 l/ha	1000 l/ha	1200 l/ha	1500 l/ha
	g product/l			
1.2	1.5	1.2	1.0	0.8
2.0	2.5	2.0	1.67	1.33
3.0	3.75	3.0	2.5	2.0
4.0	5.0	4.0	3.33	2.67
5.0	6.25	5.0	4.17	3.33

Always test on a small scale any new variety to observe if symptoms occur, before large scale use.

Other potted plants:

B-NINE SG has been successfully used on Kalanchoe and Cyclamen. Apply after re-potting when new growth is 10-12mm long. Re-application after 10-14 days may be necessary.

A dose range of 1.0 to 5.0kg product/ha will produce well branched and compact plants. Rates of use as g product per litre water are shown in the table below.

kg product/ha	Water volume			
	800 l/ha	1000 l/ha	1200 l/ha	1500 l/ha
	g product/l			
1.0	1.25	1.0	0.83	0.67
2.0	2.5	2.0	1.67	1.33
3.0	3.75	3.0	2.5	2.0
4.0	5.0	4.0	3.33	2.67
5.0	6.25	5.0	4.17	3.33

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B-NINE® SG

PLANT GROWTH REGULATOR

IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL PLANT GROWTH REGULATOR

For use on protected ornamental plants (woody and flower/foliage)

Maximum individual dose: 5.0 kg product per hectare
Maximum total dose: 15.0 kg product / hectare / season
Particulars of direct or indirect adverse effects:
A containment system MUST be put in place if the product is used in greenhouses where a drain connected to the sewer system is in the vicinity of the greenhouse. The containment system should prevent any release to the drain. Any material collected in the containment system CANNOT be disposed of through the drain sewer system. Unprotected persons must be kept out of treated crops for at least 8 days after treatment

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

Risk and safety information:

FOR PROFESSIONAL USE ONLY

Keep out of reach of children
Keep away from food, drink and animal feeding stuffs
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

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

PCS No. 03412

Water soluble granule formulation containing 8.7% w/w daminozide

For use as a growth regulator on protected ornamental plants (woody and flower/foliage)

Approval Holder:

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Batch No.:

1 KG

B-NINE® is a registered trademark

CUT FLOWERS

Standard chrysanthemums (single bloom):

To reduce length of "neck" (pedicel): Apply 2 to 3 days before disbudding and again 7 to 10 days later where necessary, or when new growth is observed. Apply B-NINE SG to the top 150 to 200mm of foliage. For variety Fred Shoemith, and its sports, one application of 0.75 kg product/ha may be sufficient. A dose range of 0.5 to 5.0 kg product/ha will reduce the length of "neck" (pedicel). At the higher rates of application within this dose range, flowering may be delayed. Rates of use as g product per litre water are shown in the table below.

kg product/ha	Water volume			
	800 l/ha	1000 l/ha	1200 l/ha	1500 l/ha
	g product/l			
0.5	0.625	0.5	0.417	0.33
1.0	1.25	1.0	0.83	0.67
2.0	2.5	2.0	1.67	1.33
3.0	3.75	3.0	2.5	2.0
4.0	5.0	4.0	3.33	2.67
5.0	6.25	5.0	4.17	3.33

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Spray chrysanthemums (multi-bloom): To reduce length of "neck" (pedicel): Apply two weeks after the start of short days and apply to the top 150 to 200mm of foliage. A dose range of 0.5 to 5.0 kg product/ha will reduce the length of "neck" (pedicel). At the higher rates of application within this dose range, flowering may be delayed. Rates of use as g product per litre water are shown in the table below.

kg product/ha	Water volume			
	800 l/ha	1000 l/ha	1200 l/ha	1500 l/ha
	g product/l			
0.5	0.625	0.5	0.417	0.33
1.0	1.25	1.0	0.83	0.67
2.0	2.5	2.0	1.67	1.33
3.0	3.75	3.0	2.5	2.0
4.0	5.0	4.0	3.33	2.67
5.0	6.25	5.0	4.17	3.33

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BEDDING PLANTS

To reduce undue elongation ('legginess'). B-NINE SG has been successfully used on Antirrhinum, Aster, Lobelia, Marigold (African), Marigold (French), Mesembryanthemum, Petunia, Phlox, Salvia, Stock

and Tagetes. There is some evidence of height reduction in some cultivars of winter Viola but the effect can be unpredictable.

General advice: Apply from two weeks after pricking out, when plants have made new growth. A higher application rate will be required for bedding plants growing under vigorous conditions, and for vigorously growing varieties or species. Spray to give good coverage.

Specific advice: Marigold (African), Marigold (French) & Tagetes: apply as soon as the terminal flower bud is visible. A dose range of 0.5 to 5.0 kg product/ha will reduce undue legginess. Rates of use as g product per litre water are shown in the table below.

kg product/ha	Water volume			
	800 l/ha	1000 l/ha	1200 l/ha	1500 l/ha
	g product/l			
0.5	0.625	0.5	0.417	0.33
1.0	1.25	1.0	0.83	0.67
2.0	2.5	2.0	1.67	1.33
3.0	3.75	3.0	2.5	2.0
4.0	5.0	4.0	3.33	2.67
5.0	6.25	5.0	4.17	3.33

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SHRUBS

B-NINE SG has been successfully used on Azalea, Fuchsia, Gardenia and Hydrangeas to produce beneficial results, including shorter compact plants, darker foliage and additional bud set. Growers are advised to test B-NINE SG on a small scale to verify its activity under particular conditions. Apply when the new growth, following any necessary trimming (pinching out), is 25 to 50 mm long. Repeat application 14-21 days later if necessary. A dose range of 1.0 to 5.0 kg product/ha will produce beneficial results, including shorter compact plants, darker foliage and additional bud set. Rates of use as g product per litre water are shown in the table below.

kg product/ha	Water volume			
	800 l/ha	1000 l/ha	1200 l/ha	1500 l/ha
	g product/l			
1.0	1.25	1.0	0.83	0.67
2.0	2.5	2.0	1.67	1.33
3.0	3.75	3.0	2.5	2.0
4.0	5.0	4.0	3.33	2.67
5.0	6.25	5.0	4.17	3.33

Always test on a small scale any new variety to observe if symptoms occur, before large scale use.