







# **Sudden Impact for Roses**



After many years of research and development by Neutrog in conjunction with the Rose Society of SA and a number of professional rose growers, Sudden Impact for Roses was finally launched in August 2001.

The resultant product Sudden Impact for Roses combines the best of both worlds. Its organic base provides a full range of plant nutrients in a slow release form, whilst the carefully selected water-soluble nutrients have been added to maximise the performance of each application.

The balance and ratio of nutrients combined with the very best of raw materials are the secret to the success of Sudden Impact for Roses.

Sudden Impact for Roses is manufactured in a pellet form. Prior to pelleting, the organic raw materials are conditioned for up to 3 months utilising a unique conditioning process.

Once completed, the water-soluble nutrients are carefully blended into the organic base before finally being pasteurised and pelleted.

Sudden Impact for Roses is recommended and endorsed by the Rose Societies of South Australia,

Victoria, New South Wales, Queensland, Gold Coast, Western Australia and the South West Rose Group of WA along with the National Rose Society of Australia and Heritage Roses in Australia Inc.

Sudden Impact for Roses is used in the Victoria State Rose Garden, Morwell Rose Garden, International Rose Garden SA, Flemington Racecourse Rose Garden, Old Parliament House Gardens in Canberra, Araluen in WA, and the National Rose Garden at Woolmers Estate in Tasmania along with many others.



Users of Sudden Impact for Roses consistently report the following:

- An increase in the number of flowers on each bush.
- An increase in the quality of individual blooms.
- Continued general plant vigour and sturdy growth.
- An improvement in the health of the plants, with increased resistance to fungal disease such as black spot, rust and powdery mildew, resulting in a marked reduction in the need for preventative spraying by up to two thirds.

# **Applications**

Apply Sudden Impact for Roses evenly to pre-soaked soil around the drip line of the plant and water again well. Keep fertiliser at least 20cm away from base of plant and avoid contact with foliage or flowers. Apply after sign of new season growth and thereafter every 8-10 weeks throughout the growing season. Apply Neutrog Seamungus in winter.

# **Application Rates**

#### Roses

- Established rose bushes: 100g per bush.
- Established potted rose plants: 15g per 150mm size pot then at 5g per 25mm pot size increase.
- Planting roses (including bare-rooted): Apply Seamungus at 100g per plant.

#### General Garden

Sudden Impact for Roses can be used for general garden application (particularly on other flowering and fruiting plants) at 100g per square metre every 8-10 weeks throughout the growing season, then apply Neutrog Seamungus in winter.

### Analysis (dry weight basis)

## %W/W

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Nitrogen (N)	as Organic	1.30
Nitrogen (N)	as Ammonium	7.70
Total Nitrogen (N)		9.00
Phosphorus (P)	as Water Soluble	1.50
Phosphorus (P)	as Citrate Soluble	0.50
Total Phosphorus (P)		2.00
Potassium (K)	as Organic	0.40
Potassium (K)	as Sulphate	11.60
Total Potassium (K)		12.00
Sulphur (S)	as Organic	0.40
Sulphur (S)	as Sulphate	8.60
Total Sulphur (S)		9.00
Calcium (Ca)	as Organic	2.10
Calcium (Ca)	as Sulphate	0.40
Total Calcium (Ca)		2.50
Magnesium (Mg)	as Organic	0.25
Magnesium (Mg)	as Sulphate	0.55
Total Magnesium (Mg)		0.80
Iron (Fe)	as Organic	0.06
Iron (Fe)	as Sulphate	0.34
Total Iron (Fe)		0.40
Zinc (Zn)	as Organic	0.02
Copper (Cu)	as Organic	0.0002
Manganese (Mn)	as Organic	0.02
Humic Acid		1.00



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questions, photos and feedback are welcome.



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