

# Horticulture Facts

a technical information bulletin from Incitec Pivot Limited

## Horticulture: Granulock SuPreme Z

**Granulock® SuPreme Z™ is a zinc enriched ammonium phosphate, which can be used in:**

1. perennial tree & vine plantings, vegetable and forestry crops are starter, side dress or pre plant fertiliser
2. low phosphorus – zinc soils which have alkaline soil status
3. blends which require nitrogen, phosphorus, sulfur and zinc in combination with other nutrients

**Granulock SuPreme Z** is a granulated product with nitrogen, phosphorus, sulfur and zinc in the one granule. It is particularly suited for starter or basal dressings on a range of soil types which are low in phosphorus and zinc.

**Starter or Base dressing:** Granulock SuPreme Z can be used as a stand-alone product or in combination with other blended products. It can be used as a starter/base dressing prior to or at planting, especially drip irrigated vegetable, perennial tree and vine crops. It can be banded side dressed or broadcast in permanent perennial crops. If banded in vegetable crops it must be applied 5-7 cm to the side of the seed/transplant.

**Blending:** Granulock SuPreme Z can be blended with other fertiliser products to produce complete NPK & S blends with zinc for pre plant or base applications in vegetable crops. Granulock SuPreme Z can provide up to 4 kg / of actual zinc per hectare when used in NPK & S blends for vegetable crops.

### Application Rates

CROP	RATES	TIME OF APPLICATION
Onions, Garlic, Spring onions, Leeks	175-225 kg/ha	Apply as a starter fertiliser to the side and at depth of the transplants or as part of a pre plant blend application
Cucumber, pumpkin, squash	175-225 kg/ha	Apply as a starter fertiliser to the side and at depth of the transplants or as part of a pre plant blend application
Tomato, capsicum, peppers	175-225 kg/ha	Apply as a starter fertiliser to the side and at depth of the transplants or as part of a pre plant blend application
Maize, sweet corn	100 -175 kg/ha	Apply as a starter fertiliser to the side and at depth of the transplants or as part of a pre plant blend application
Olives	175-250 kg/ha	Apply a minimum 175 kg/ha into the rip or planting line and incorporate to depth prior to planting. Post planting side dress in 2-meter band within the tree line.
Vines	175-250 kg/ha	Apply a minimum 175 kg/ha into the rip or planting line and incorporate to depth prior to planting. Can be side dressed onto the vine bank post planting
Citrus	175-250 kg/ha	Apply a minimum 175 kg/ha into the rip or planting line and incorporate to depth prior to planting. Post planting side dress in 2-meter band within the tree line.
Forestry	120- 240 kg/ha	Apply 2-4 weeks post planting as a side dress on the upper side of the tree line or as part of a blend incorporation prior to planting eg NP & trace. Apply a follow up application 6 months after planting.

#### Application comments:

The timing of application and application rates set out in this table are intended as a guide only. Before applying fertiliser, you should seek professional agronomic advice.

**GRANULOCK®**  
**SuPremeZ™**



Because the land is your life.

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## Handling precautions

- Care should be taken not to leave product in spreading equipment for any prolonged period.
- Don't apply as a foliar spray
- Equipment should be hosed down after use to remove residual product and preserve spreading equipment.
- Don't use as a fertigation product

## Choose Granulock Supreme Z

- Ideal for a wide range of vegetable and tree crops requiring phosphorus, nitrogen and zinc
- Quality starter - planting fertiliser
- Uniform nutrient supply
- Easy to handle and supply
- Low cadmium levels (< 100 mg/Cd/ kg P)

**GRANULOCK<sup>®</sup>**  
**SuPremeZ<sup>™</sup>**

%N	%P	%K	%S
11.0	21.8	0.0	4.0

Nitrogen	(N)	Ammonium Form	11.0%w/w
Phosphorus	(P)	Water Soluble	17.1%w/w
Phosphorus	(P)	Citrate Soluble	3.9%w/w
Phosphorus	(P)	Citrate Insoluble	0.8%w/w
Phosphorus	(P)	Total	21.8%w/w
Sulfur	(S)	as Sulfur	2.0%w/w
Sulfur	(S)	as Sulfate	2.0%w/w
Sulfur	(S)	Total	4.0%w/w
Zinc	(Zn)	in various forms (added during manufacture)	1.00%w/w
Fluoride	(F)	Maximum	3.00% w/w
Fluoride g/kg P	(F)	Maximum	150g/kg P
Cadmium	(Cd)	Maximum	20mg/kg
Cadmium	(Cd)	Maximum	100mg/kg P
Lead	(Pb)	Maximum	50mg/kg
Mercury	(Hg)	Maximum	2.0mg/kg

**For details contact your local Incitec Pivot Agent  
or Dealer. Freecall 1800 009 832**

**[www.incitecpivot.com.au](http://www.incitecpivot.com.au)**

Please refer to the Granulock SuPreme Z product label for directions for use, safety directions, care equipment and heavy metals information. Use of this product may result in Cadmium and/or Lead and/or Mercury residues in excess of the Maximum Permitted Concentration (MPC) in plant and animal products and may also result in accumulation of these residues in soils.



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