



Tomato

GrowSafe® Farming Tech Sheet

Innovative and efficient, the GrowSafe® farming system delivers outstanding results.



- Developed and tested in Australia since 1998.
- Proven complete bio-mineral fertiliser and beneficial microbes for all-year-round high performance.
- Combines advanced agricultural science, farming expertise and Australian best practice.

Building on the best of conventional agricultural science and the principles of organic farming practices, GrowSafe® uses high efficiency mineral fertilisers and more than 25 probiotic, beneficial microbe strains that actually help 'grow the soil'.

FOR TOMATO

- Optimises quality and sustains high yields
- Produces nutrient dense foods
- Cost efficient and delivers better net \$ returns
- Improves soil health
- Improves water use efficiency
- Non-toxic: reduces chemical impact on farms

GrowSafe® Farming

Building balanced biologically fertile soils



SOIL NUTRITION

SOIL HEALTH

SOIL QUALITY



Bio-mineral fertiliser
(60+ nutritional minerals)

PLUS +



Friendly soil microbes
(combination of 25+ bacteria and fungi)

PLUS +



Compatible Ag chemicals
with the lowest impact on soil health

= Increased productivity + profitability + quality and long-term sustainability



AMM FERTILISERS

GrowSafe® AUSTRALIAN MINERAL FERTILISERS

We provide a more effective way for growers to achieve high yields, improve soil health, sustain production and enhance profits, with premium products and responsible farming practices.

A TYPICAL TOMATO PROGRAM

GENERAL

GrowSafe® program with bio-mineral fertiliser and beneficial soil microbes:

- Based upon Comprehensive Soil test, farm history and previous Ag chemical programs.

Measure, Monitor and Manage (MMM) with field instruments.

- Take leaf samples from mid-April through to late May.
- In later maturing districts leaf samples can be taken in June.

Easy and safe program with minimal management input.

FERTILISER PROGRAM

Note that 70% of main nutrients are taken up during 3–4 weeks before harvesting.

Before seeding — Broadcast: 750–1000kg/ha **HORT PLUS** bio-mineral fertiliser.

Ideally Band 350–500kg/ha of **HORT PLUS** bio-mineral fertiliser after three weeks.

NITROGEN PROGRAM

N is important, and needs to be applied regularly:

- Reliable index of N-Nitrate levels could be given by N-nitrate level in the veins of outer leaves:
 - should be about 6000ppm, never lower than 4000ppm.
 - too high nitrate levels could be a result of micro element deficiencies.

Recommended — Split application of “N”:

- 200kg/ha “WMF N” after 2 weeks
- 200kg/ha “WMF N” after 4 weeks
- 200kg/ha “WMF N” after 6 weeks

Fertigation — Split N application Potassium Nitrate at 15kg/week with humic acid 1L/ha / irrigation through the lines.

- Limit the application of humate to 25kg/ha total per season. Check concentrations to calculate the levels.

Foliar application with nutrients and beneficial inputs like kelp is advised.

MICROBES

Drench seedlings with **Trichoderma plus Blend** beneficial Microbes, prior to transplanting.

Foliar apply **Trichoderma plus Blend**:

- Beneficial microbes can assist in controlling fungal infection in tomatoes.
- Apply 250g/ha microbes to canopy once a month starting at week 2.
 - Activate Microbes in 20L drum of water.
 - Allow to mature the brew for 24–48 hours prior application.
 - Mix brew to minimum 400L water carrier and apply to foliage: repeat after 4 weeks.



From our own experiences on the farm, we understand the business and environmental challenges faced by growers and have worked to develop a multi-award winning range of products.



For further information and technical backup, talk to your local agent and AMF Field adviser.

GrowSafe® — AUSTRALIAN MINERAL FERTILISERS

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For a full list of products and to find out what commercial growers have to say, go to www.growsafe.com.au