



**Low Chill Stone Fruit
Conference
Alstonville 2006**

*Terra Firma and Grow Force
Fertilisers
available from*





Terra Firma Fertilisers



The Soft Option

- All products are based on thoroughly composted poultry manure.
- Product is blended before pelletising so each product contains the registered analysis
- All products have a verified biological activity by including BIO-STIMULANTS in the patented composting process.



The Soft Option (Cont'd)

- Bio-stimulants are part of the “soil livestock” – bacteria, fungi, algae, protozoa & earthworms – in healthy soils can be measured in tonnes per ha.
- In healthy soils the structure, humus, and beneficial biological activity is just as important as optimum mineral and nutrient balance.
- The use of a Terra Firma blend of organic and chemical ingredients can be a convenient way of helping to maintain this healthy balance in your soil.



Nutrition Check List

- Soil pH - Around 5.4 (1:5 soil:water) is optimum
- Calcium : Magnesium : Potassium balance
 - The ideal is about 75 / 15 / 5 % of the exchangeable cations.
- This cation exchange balance, along with a good pH, is required for the optimum uptake of nutrients.
- Organic Matter – if a soil test shows less than 2% organic carbon, you may need to apply organic amendments - manures, cover crops, compost, mulch.



TFF Low Chill Stone Fruit Special Mix

- Developed in consultation with industry representatives and DPI personnel.
- Based on general recommendations to replace nutrients removed by a 25 tonne per hectare crop.



TFF Low Chill Stone Fruit Special Mix

Analysis %									
N	P	K	S	Ca	Mg	B	Fe	Zn	Mn
9.1	1.7	10.6	12.3	1.3	0.2	0.17	0.07	0.01	0.01



Stone Fruit Special Mix – Application Rate

- July/August – Budbreak to shoot growth – 330kg/ha.
- February – Before leaf fall – 330kg/ha.
- This will apply:
 - 60kg N/ha
 - 11kg P/ha
 - 70kg K/ha

 **GROW FORCE**

Specialty Fertilisers



Grow Force Specialty Fertilisers

GROW FORCE HAS ONE OF THE MOST EXTENSIVE RANGES OF HIGH QUALITY FERTILISERS IN AUSTRALIA

- Soluble Fertilizers
- Soluble Blends
- Liquid Fertilizers
- NPK Compounds

Soluble Fertilisers



Soluble Fertilisers



Soluble Fertilisers



Soluble Fertilisers



Specialty Fertilisers



- Calcium Nitrate Soluble (Calcinit)
- Krista K Plus (Potassium Nitrate)
- Nitrabor
- Tropicote



- Potassium Nitrate
- Potassium Sulphate WS-SOP

Soluble Blends



- Flowfeeds are a range of 100% soluble NPK + Trace elements blends
- Designed for use in all fertigation systems:
 - » Trickle irrigation
 - » Sprinklers
- Custom blends available
- Made by Grow Force in Brisbane, QLD



Liquid Fertilisers



Liquid Fertilisers



Grow Force Sprayfeed Liquids is a range of high quality liquid fertilisers specifically designed for Horticulture, including:

Boron

Trace Element Mix

Calcium

Zinc + Boron + Moly

Zinc

Foliar 12-2-7+TE

Calcium + Mg + B

Liquid Ammonium

High K

Nitrate (LAN)



**The End
Thank You**