



a division of Amgrow

NUTRAFEED HARDEN UP - Liquid Fertiliser

NUTRAFEED LIQUID HARDEN UP NPKS 2-0-0-0

Additional Macro and Micro Nutrients (%w/v)

Ca %	Mg %	B %	Zn %	Fe %	Mn %	Cu %	Mo %
16	-	0.2	-	-	-	-	-



NUTRAFEED LIQUID HARDEN UP

Harden Up is a high analysis liquid calcium/boron fertiliser suitable for foliar or soil application on a wide range of horticultural and broad acre crops.

HARDEN UP BENEFITS

- Significantly improves crop calcium levels rapidly to fix deficiency symptoms and improve yield and quality potential
- Effectively supplements calcium to harden cell wall structure, leading to harder produce with longer shelf life and less 2nd grades / rejects
- Ideal for use on crops at fruit/nut/pod-set and early filling stages to maximise cell division and physically harden soft tissue to reduce bruising and increase shelf life
- Includes boron to improve calcium translocation within plants
- Ideal for reducing produce quality issues relating to calcium deficiency such as blossom end rot, bitter pit, tip burn, die-back, soft fruit and more.



Tomato Blossom End Rot



Tip Burn in Lettuce



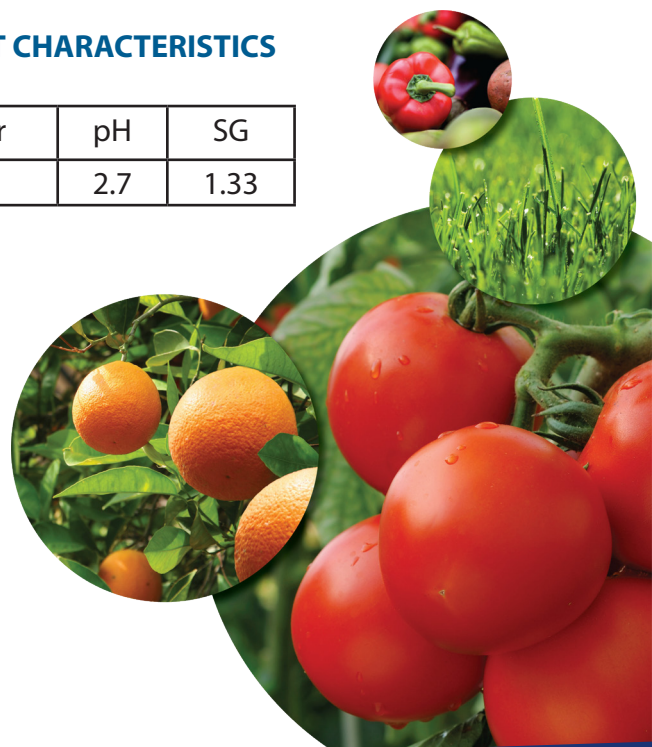
Strawberry Leaf Tip Burn

PRODUCT CHARACTERISTICS

Colour	pH	SG
Blue	2.7	1.33

PACK SIZES

Available in 20, 200 and 1000 L packs.





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APPLICATION

Harden Up can be used as a foliar or soil applied supplement in a regular nutrition program for applicable crops. As a foliar spray add a wetting adjuvant and stick to the dilutions in the table below with a maximum rate of 5L product/ha. Multiple applications may be needed throughout the season. The application rate may need to be varied with changes in plant size, canopy or crop load.

DIRECTIONS FOR USE

Crop	Foliar (L/100L water)	Fertigation (L/ha)	Comments
Berry fruits	0.5-1	10-15	Apply at initial berry-set stage then every 10-14 days throughout fruiting cycles
Citrus	0.25	15-20	Apply 2-3 times from fruit-set to harvest
Cucurbits	0.5-1	10-15	Apply 2-3 times from fruit-set to harvest
Broadacre (legumes)	1	-	Apply at pod-set and 14 days later
Pomefruit / Stonefruit	0.25	15-20	Apply 2-3 times from petal-fall to harvest
Potato	0.5-1	15-20	Apply 2-3 times from tuber-set till harvest
Tomato	0.5-1	10-15	Apply at initial fruit-set stage then every 10-14 days throughout fruiting cycles
Tree Nut Orchards	0.25	15-20	Apply 2-3 times from nut-set to harvest
Tropical Fruit (avocado, mango, banana, pines etc)	0.25	15-20	Apply 2-3 times from fruit-set to harvest
Turf	2-3	20	Apply as required for hardening turf and for sodium mitigation in soil profile
Vegetables / Brassica	0.5-1	10-15	Apply 2-3 times from early vegetative growth to harvest
Vines / Grapes	0.5-1	15-20	Apply 2-3 times from fruit-set to harvest

NOTE:

The suggested rates of application are designed for typical use conditions and should be used as a guide only. Do not foliar apply during the heat of the day (> 25 DegC) when evaporation rates are at their highest. It is recommended that when foliar applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed for phytotoxicity prior to the total spray. Foliar spraying is recommended during early morning or late afternoon. Use the minimum foliar application rate on young or sensitive crops. Applying additional products in the same tank mix increases the phytotoxic risk to crops. Because climatic and soil conditions, application methods, irrigation and agricultural practices are beyond the control of Barmac and cannot be foreseen, Barmac accepts no responsibility whatsoever for any commercial damage, loss or other result following the use of this product whether used in accordance with directions or not, subject to any overriding statutory provision and provided that such liability under those provisions shall be limited to the replacement of the goods as supplied or the rendering again of the services that are provided. The buyer accepts and uses this product subject to these conditions.