

Omnia Spring E-Bulletin

August 2011



Omnia has the solution to Boron deficiency

Boron is one of the 114 elements that make up the earth, and every member of the plant world relies on it to grow. Boron not only plays an essential role in a plants reproductive cycle, controlling flowering, pollen production and seed development, but also works in the primary cell structure of the plant and affects almost every area of plant health and growth including root growth, nutrient uptake, fibre density and disease resistance. Unfortunately, many Australian soils are extremely deficient in boron.

OrganiBOR® is a naturally occurring, certified for organic use, magnesium/calcium borate that replenishes the boron levels in the soil in a controlled and natural way. Boron is always found naturally bound to either sodium, magnesium or calcium.

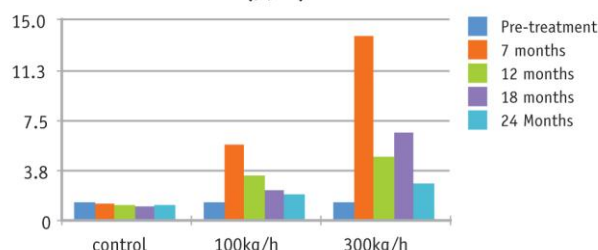
Because of boron's role in the primary cell structure most plants need a continual supply of boron right through all phases of their growth and development. However most boron fertilisers are extremely soluble and it is difficult to consistently achieve the correct boron level in the soil or plant. This is why it is necessary to apply most traditional boron based fertilisers in small amounts several times a year or at least annually.

OrganiBOR® is designed to be applied once every 2 to 5 years depending on the crop, climatic and soil conditions, and will continually release boron over that period of time. The effect on the plant is the same as if it was grown in boron rich soils.

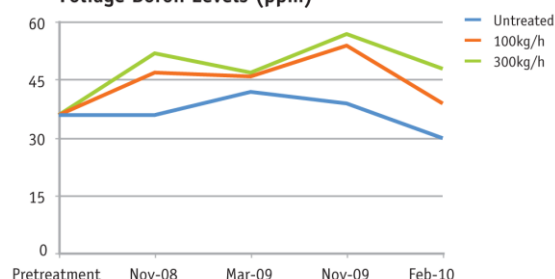
OrganiBOR® is a safe, easy-to-use granule that will start supplying Boron to your soils and crops straight away!

Apples

Soil Boron Levels (ppm)

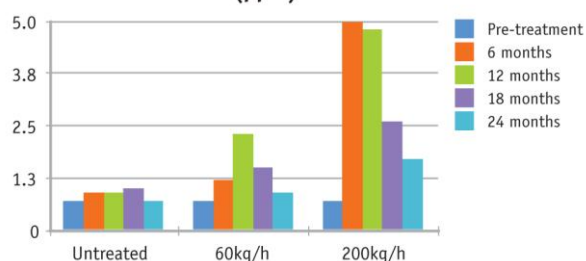


Foliage Boron Levels (ppm)

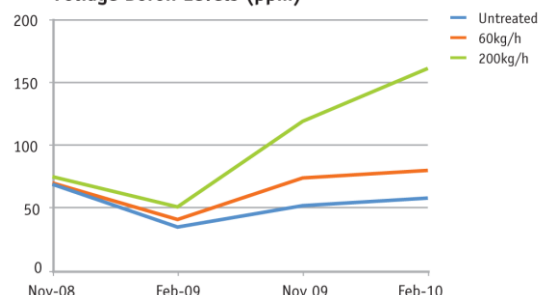


Grapes

Soil Boron Levels (ppm)



Foliage Boron Levels (ppm)



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'Tis the season for..... Kelp & K-Humate

With the onset of Spring permanent crops, deciduous and evergreen, will begin to shoot, flush and flower.

This is a critical time for all of these crops where correct nutrition is paramount if we want to maximise their yield potential for this season.

A healthy, growing root system ensures soil applied minerals are properly utilised and absorbed by the trees or vines efficiently. Kelp has been used in horticulture for the many benefits it can bestow on our crops. It is the richest source of essential plant hormones necessary for root and shoot development.

Kelp can be absorbed and utilised both via the root system and the foliage. Kelp also serves as a food source for many beneficial fungi in the soil.

Omnia has chosen to have their Kelp tested independently so as to determine the best and most consistent source for our products.



Higher pH, pre-digested kelp product designed for fertigation or soil applied situations. It will produce excellent root and shoot stimulation as well as provide a great source of food for beneficial micro-organisms.

Apply at 5-7 litre/ha.



Lower pH straight Kelp which is highly available via the foliage and will give excellent performance in both root and shoot stimulation. Ideal to mix with fertilizers.

Apply at 5-7 litres/ha.



The ultimate in enhanced foliar kelp products.

Enriched with a specific ratio of NPK and trace elements designed to eliminate stress, produce guaranteed root and shoot growth and rid plants of harmful toxin build-up in times of high energy demand and environmental stress.

Mega-Kel-P is one of Omnia's biggest sellers and more cost effective than many leading Kelp brands!

Apply at 5-7 litres/ha.



K-Humate is the leading humic acid available, chelating fertilizers to make them more available to plants whilst also assisting in calcium movement and moisture retention.

K-Humate and K-Kelp is one of the best methods known to refresh, revitalise and feed beneficial micro-organisms as well as provide the best proven root stimulation available. Applied compost teas will feed and prosper as K-Humate and K-Kelp are two of the best food sources available for beneficial fungi.

Modern orchards and vineyards are recognising the importance of good biological balance and populations in the soil and their crucial interactions between soil minerals and a living root system.

Apply K-Humate at 10-20 litres/ha and K-Kelp at 5 litres/ha.