

### Osmo® Eco Plant Activator 3-3-3 + 2 % Mg + 1 % Fe

Contains natural boosters for your garden and plant soil.

#### Product information

Osmo Eco Plant Activator helps to ensure that the natural biology of your soil remains optimal by increasing the amount of beneficial fungi and bacteria in the soil. When there is lots of life in your soil it prevents many plant diseases and pests, as the plants are kept in optimal condition. The product is a unique blend of organic nutrients, seaweed, organic humus particles and a solid pack of mycorrhiza fungi and the microorganisms Bacillus sp. and Azospirillum sp. Osmo Eco Plant Activator is environmentally friendly and sustainable. All of the ingredients have been approved for organic production.

#### Use

Mix Osmo Eco Plant Activator with garden soil or pot soil. Follow the dosage recommendations and mix the product thoroughly with the soil. Then fill the planting hole or pot with the mixed soil. Water well after planting. You can also use Osmo Eco Plant Activator in connection with soil improvement, together with compost or other soil improvement products.

#### Osmo Eco Plant Activator is suitable for the following plant groups:

- Houseplants
- Summer flowers
- Herbaceous perennials and Herbs
- Vegetables in the greenhouse, garden or raised bed
- Bushes – including fruit and berry bushes
- Roses and Climbing plants
- Trees and fruit trees
- Newly-planted hedges
- Turf



#### TIPS

When you use Osmo Eco Plant Activator during planting, the plant will have enough nutrients for around six weeks, after which we recommend that you use an organic fertilizer another 1-3 times during the first growing season.

#### Dosage

5 kg/100 m<sup>2</sup>. 50-100 g/plant (ca. 2-4 handfuls). Enough for: 50-100 plants.

#### Fertilizer information

Osmo Eco Plant Activator 3-3-3 is a 100 % organic NPK fertilizer product containing magnesium, iron, sulphur, humus particles, seaweed, the useful fungi arbuscular (endo-) mycorrhizae and ectomycorrhizae, and Bacillus sp. and Azospirillum sp., which are beneficial and natural microorganisms. The product is derived from, amongst other things, kelp meal, feather meal, meal of cocoa shells, rock phosphate and vinasse. The product does not contain poultry manure.

Dr. Ir. Jacqueline Baar, Biomygreen BV, Holland:

“Mycorrhizal fungi and bacteria are natural soil organisms. They are beneficial for plants and trees. Use of mycorrhizal fungi and bacteria stimulate root growth, increase plant health and reduces sensitivity to drought. These soil organisms improve soil structure. Plants and trees with mycorrhizal fungi absorb two to three times more CO<sub>2</sub> than plants with hardly or no mycorrhizal fungi”.

Approved for organic cultivation



Osmo products are produced in accordance with environmentally friendly and sustainable standards. Produced using “Green Energy” derived from solar power, giving minimal CO<sub>2</sub> load. This product is permitted in accordance with Annex II of EU Regulation no. 2092/91 on organic production of agricultural products. As the use of this product lies outside our control, E. Marker A/S cannot accept responsibility for any inadequate effect due to incorrect dosage.

Osmo is a trademark of Fertira BVBA, Belgium.



**Order No.:**  
700 g (11157)  
5 kg (11158)



#### Application period

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#### Contents:

Total nitrogen (N) ..... 3.0%  
Of which:  
Organic nitrogen (N) ..... 3.0%  
Citrate-soluble phosphorus (P<sub>2</sub>O<sub>5</sub>) ..... 3.0 %  
Water-soluble potassium (K<sub>2</sub>O) ..... 3.0%  
Total magnesium (Mg) ..... 2.0%  
Iron (Fe) ..... 1.0%  
Calcium (Ca) ..... 6.6%  
Non-plant nutrition:  
Kelp meal ..... 2.5%  
Humus substances ..... 0.4%  
Arbuscular (endo-) mycorrhizal fungi ..... 10<sup>4</sup> cfu/kg\*  
Ectomycorrhiza fungi ..... 10<sup>4</sup> cfu/kg\*  
Bacillus sp. .... 10<sup>6</sup> cfu/gr\*  
Azospirillum sp. .... 10<sup>6</sup> cfu/gr\*  
\* cfu stands for Colony-Forming Units – a term for the number of microorganisms in a given unit of weight.  
Arbuscular (endo-) and ectomycorrhizal fungi are important for all plants except acidophile plants. Bacillus sp. and Azospirillum sp. are also beneficial microorganisms. The interaction (symbiosis) between the beneficial fungi and the beneficial bacteria in Bio Plante AKTIVATOR ensures healthy, strong and vital plants. The product is low in chlorine.

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