

Greenacle 

Application for Plants

© Copyright Greenacle

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the publisher, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law. For permission requests, write to the publisher, addressed "Attention: Permissions Coordinator," at the address below.

via e-mail

info@greenacle.com

Security classification:

EXTERNAL - Information can be shared with third parties but should not be published on the public media or freely distributed to the public.

Product attributes:

Our product is (Ascophyllum Nodosum) the wrack seaweed concentrate and therefore is not comparable to any other product in the market.

The wrack seaweed products are produced according to the known method of extraction. However, the follow up extraction process used for our product is completely different from the known methods. The final effect is the extraction of special activation substance “oligosaharid”, which stimulates growth of the fine roots.

The wrack seaweed are reach in the composition: they contain over 70 microelements, vitamins, amino acids, teralgin acids. The poly-urinary acids in the substance stimulates the formation of the humus and have the function of the heavy metal saturation (make them internal).

Our product does not contain the effective microorganisms; therefore it is actually the food for useful microorganisms. Due to the rich composition and the unlocked cells the food is immediately available, which leads to the increased level of the microorganisms in the soil as well as the plant.



Main properties:

- State: liquid
- Color: brown/black
- Freezing: lower than -5° Celsius
- Depolymerization starts above 40° Celsius
- Capacity of the ion exchange:10,000 mEq/100g

Storage and shelf life:

- When saving make sure the temperature does not exceed 40° Celsius.
- Measures against freezing are not necessary.
- Shelf life of originally closed containers (unopened) is minimal 24 months.
- Substance in recommended doses is completely harmless to the humans, animals and plants. However, make sure to keep it out of reach of children.

Certificates:

- The product has European ECO certificate for usage in agriculture, in livestock, and human consumption.
- Our full product line is certified under the European Community regulations, which governs organic production, labeling and control of animal and human feedstuffs. All of our products can be sold and used in the eco-systems of agriculture in all member states of the European Community without special permission.

WARNINGS:

- ALWAYS ADD CONCENTRATE INTO THE WATER AND NOT VICE VERSA.**
- IF YOU USE OTHER ADDITIVES AT THE SAME TIME AS OUR SOLUTION FIRST ADD ALL OTHER ADDITIVES AND ADD OUR CONCENTRATE AS LAST.**
- ONCE ACTIVATED WITH WATER THE SOLUTION MUST BE USED IN 72 HOURS. AFTER THAT EFFECTS MIGHT BE REDUCED OR COMPLETELY LOST.**

Preparations – soil and seeds treatment:

To achieve better results you can treat with our solution also the seeds and the soil in which you will plant them.

Seeds treatment:

- Prepare the solution 1-200 (5 ml concentrate per 1 l water). Always add the concentrate into the water and not vice versa.
- Put the seeds into the solution for 3-4 hours.
- After that put the seeds in the refrigerator for 24 hours before the sowing.

Your seeds are now ready for the sowing and you can expect best results.

The soil preparation:

- Prepare the solution 1-200 (5 ml concentrate per 1 l water). Always add the concentrate into the water and not vice versa.
- Spray foliar as dispersed as possible to deliver the solution evenly over the surface.
- Spray in the air and let the solution fall on the soil like a fog.
- Make sure you deliver at least 40 ml of the water per square meter, or 400 l of the water per hectare.

FOLLOW THE RECOMMENDED RATIOS. “MORE IS BETTER” IS NOT APPLICABLE FOR OUR PRODUCT! It is better to put a bit less concentrate rather than more. With the concentration 1:100 the product WILL COMPLETELY lose effects.

Hydroponics or underground watering systems:

Prepare the water with the plant feeding and any other additives. Add our concentrate in ratio **1:1,000 (1 ml concentrate per one liter of water)**.

ADD OUR CONCENTRATE LAST (after all other additives are added).

Use this solution during the entire process of growth.

It is important that the water reservoirs are reloaded with the water in maximum 72 hours. Our solution will lose effects after 72 hours period. For that reason it is important to prepare the mixture of the water with our concentrate every 48-72 hours.

If your watering system cannot cope with this requirement please contact us for advice.

Foliar spraying:

Foliar spraying treatment is performed three times during the plant growth cycle.

First treatment is done when the plant has first two real leaves (not the cotillions).

The best results are achieved when treatment is done in the 14 days period between each the treatment. It means that all treatments are completed in 4 weeks period. After that let the plant grow and observe the results.

When you don't have 4 weeks to treat the plant you can use the "fast line treatment" and perform the treatments in the 7 days periods.

Spray foliar in the "foggy manner" – as dispersed as possible. Spray in the air and let the solution fall on the plants "like a fog". Make sure you disperse the prescribed quantities according to our instructions, or results might be reduced or lost.

The best results are achieved with the solution 1:200 (5 ml concentrate in 1 l water). For one hectare the advised volume of the water is 400 l (hence 2 l of the concentrate per hectare). That means in average 40 ml of the solution (40 ml water - 0.2 ml concentrate) per square meter.

If you use more water use the higher ratio, but deliver still about 2 l of the concentrate per hectare. For example: if you use 700 l of the water per hectare, mix 2 l of the concentrate in 700 l water.

Once our concentrate is activated with the water it must be used within the 72 hours. After that the effects might be reduced or completely lost.

First plant treatment:

The first plant growth treatment is done when the plant has two real leafs (not cotillions).

NEXT “RECOMMENDED” TREATMENT: 14 days after the first treatment.

NEXT “FAST LINE” TREATMENT: 7 days after the first treatment.

- Prepare the water with the plant feeding and any other additives.
- Add our concentrate in ratio **1:200 (5 ml concentrate per one liter of water)**. **ADD OUR CONCENTRATE LAST** (after all other additives are added).
- **Make sure to deliver minimum of 40 ml water per square meter, hence 0.2 ml of concentrate. You can use more water but please keep 0.2 ml of concentrate per square meter. It is not recommended to use less water.**
- Spray foliar in the “foggy manner” – as dispersed as possible. Spray in the air and let the solution fall on the plants “like a fog”.

Second plant treatment:

The second plant growth treatment is done 14 days after the first treatment (or 7 days with “fast line treatment”).

NEXT “RECOMMENDED” TREATMENT: 14 days after the first treatment.

NEXT “FAST LINE” TREATMENT: 7 days after the first treatment.

- Prepare the water with the plant feeding and any other additives.
- Add our concentrate in ratio **1:200 (5 ml concentrate per one liter of water)**. **ADD OUR CONCENTRATE LAST** (after all other additives are added).
- **Make sure to deliver minimum of 40 ml water per square meter, hence 0.2 ml of concentrate. You can use more water but please keep 0.2 ml of concentrate per square meter. It is not recommended to use less water.**
- Spray foliar in the “foggy manner” – as dispersed as possible. Spray in the air and let the solution fall on the plants “like a fog”.

Third plant treatment:

The third plant growth treatment is done 14 days after the second treatment (or 7 days with the “fast line treatment”).

With this treatment the process is completed and you shall observe the results.

- Prepare the water with the plant feeding and any other additives.
- Add our concentrate in ratio **1:200 (5 ml concentrate per one liter of water)**. **ADD OUR CONCENTRATE LAST** (after all other additives are added).
- **Make sure to deliver minimum of 40 ml water per square meter, hence 0.2 ml of concentrate. You can use more water but please keep 0.2 ml of concentrate per square meter. It is not recommended to use less water.**
- Spray foliar in the “foggy manner” – as dispersed as possible. Spray in the air and let the solution fall on the plants “like a fog”.

Treatment when transplanting:

This treatment is applicable whenever you transplant the plants (transplanting it to the larger pots or from the pots into the field)

This treatment will help plants surviving the shock of the transplantation and they will start growing faster after the transplantation is completed.

With this treatment the process is completed and you shall observe the results.

- Prepare sufficient volume of water and add our concentrate in the ratio **1:200 (5 ml concentrate per one liter of water)**. **ADD OUR CONCENTRATE TO THE WATER AND NOT VICE VERSA.**
- Put the water into the trays sufficient to cover entire root of the plants.
- Put all the plants into the trays for 3-4 hours.
- After that transplant the plants to the larger pots or into the field.
- You can use the solution to spray it over the plants after the transplantation or simply throw it away.



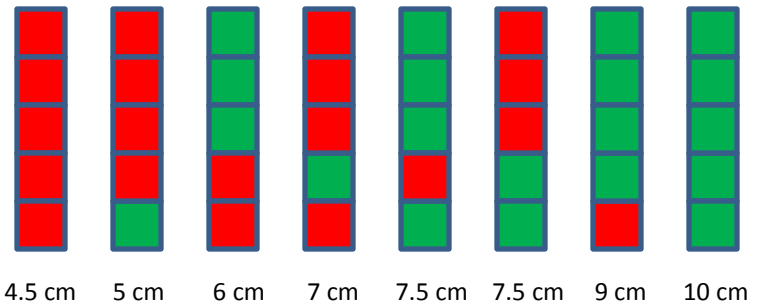
The treatment results comparison:

This image shows the direct comparison of the plants and the results achieved. The comparison is made approximately 4 weeks after all treatments were completed.

The squares on the pots presents the treatments applied. The red color means no treatment and the green means treatment was applied.

From top to bottom:

1. First growth treatment
2. Second growth treatment
3. Third growth treatment
4. Root treatment before transplantation
5. Treatment after transplantation





We would appreciate your feedback!

- Can you please take a photo of both the treated and untreated plants every week and send it to us?
- If possible, the single photo where treated and untreated plants are visible (together).
- If possible, we would appreciate also a photo of plant roots, if possible, every week. If possible, the single photo where the treated and untreated plants are visible (together)?
- If possible, the single photo where the treated and untreated plants roots are visible (together)?
- Can you please provide us also your personal observations together with the images?