

# ECOIL ORGANIC FERTILIZERS



# ABOUT ECOIL ORGANIC FERTILIZERS

**ECOIL ORGANIC FERTILIZERS** are certified by Ecocert Group Co., to meet the EU, USDA and JAS requirements for using in organic farming. ECOCERT certificates give our clients full confidence that our organic fertilizers are 100 % suitable for organic and ecological farming and agriculture as well as a good support for conventional farming in any combination with conventional synthetic fertilizers.

The Ecoil organic fertilizers are an essential element for the soil health of any crops. The advantages of an organic nature granules of the Ecoil fertilizer, used in the first cycles, versus manure or conventional fertilizers, are not only observed in the most immediate growing campaign, but also in the plant health and quality of the soil for the long-term prospective.

Nutrients, are naturally found in conventional organic substrates, are not replenished fast enough to maintain soil fertility. Hence, it is necessary to make additional inputs. But which fertilizer to use?

Before choosing one or the other to include in the plan of input it is commonly advised to carry out a soil and leaf analysis to know the exact needs of each crop. In this course of actions some parameters such as soil characteristics and composition, type of plant, age, agricultural practices, water status or planting density should be taken into account. This program is quite complicated and hence is quite cost. Today, one of the most advanced organic formulations for the basic inputs are Ecoil fertilizers both granulated and liquid form, rich in healthy soil bacteria, natural form of N+P+K, micro nutrients and 100% organic. The specially selected strains of soil bacteria containing in our fertilizers will find the optimum way how to balance the soil biocenosis – the most suitable for the presented conditions at any single case without such expensive program.

**ECOIL ORGANIC FERTILIZERS** will improve plant growth through several different mechanisms: (i) supplement of natural organic substrate rich in nutrients, (ii) the synthesis of plant nutrients or phytohormones, which can be absorbed by plants, (iii) the mobilization of soil compounds, making them available for the plant to be used as nutrients, (iv) the protection of plants under stressful conditions (drought, poisoning by excessive use of chemicals etc.), thereby suppressing plant diseases. Soil bacteria of the **ECOIL ORGANIC FERTILIZERS** also will help to keep soil healthier and reduce soil erosion.



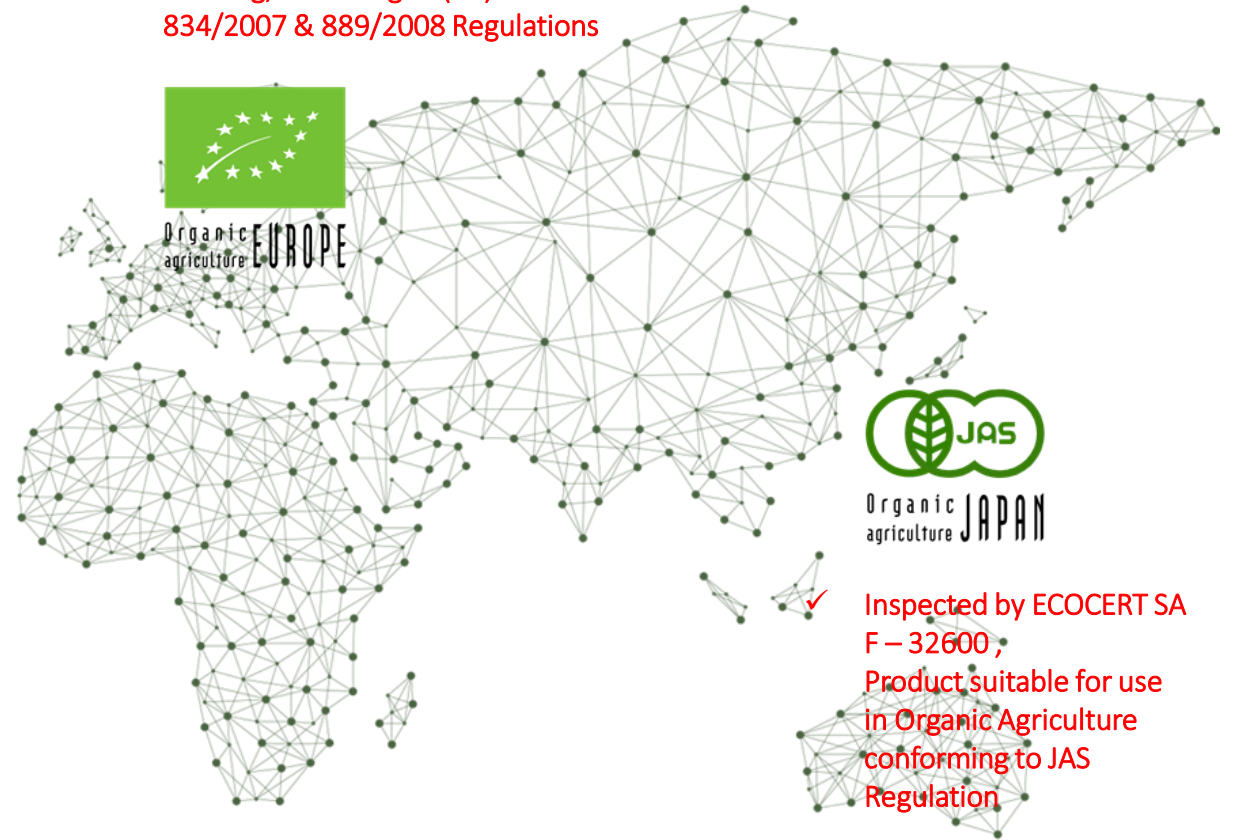


✓ Inspected by Ecocert SA F-32600, Input suitable for organic farming, Product Compliant Under NOP

**ECOL**  
ORGANIC DRY FERTILIZER  
**GROUND CORE**

(5 - 3 - 2)

✓ Inspected by Ecocert SA F-32600, Inputs suitable for use in Organic Farming, according to (EC) n° 834/2007 & 889/2008 Regulations



✓ Inspected by ECOCERT SA F - 32600, Product suitable for use in Organic Agriculture conforming to JAS Regulation



**ECOIL GROUND CORE** It is easy to handle in the application thanks to the pelletizing. It is distributed with great uniformity in the soil, allowing an availability when disintegrating completely during the vegetation period. It achieves a maximum valuation of the supplied fertilizer units. It has a dual nutritional effect: the combination of fast-release nutrients and elements that ensure fertility in the medium term after undergoing mineralization processes. It allows the formation of organo-metallic complexes. Thus, it stabilizes micronutrients of the soil that would otherwise not be usable.

**ECOIL GROUND CORE** acts as a buffering agent by reducing the tendency to a sudden change in soil pH when acid or alkaline reaction substances are applied. To have an oxygenated soil, with good structure and balanced in its nutrients is the ideal thing so that the farmer can obtain good yields, and references like this are basic.

**ECOIL GROUND CORE** Pelletized form gives advantage of slow release of organic matter during vegetation period and usability of distribution of the fertilizer over the seedbeds.

The N-P-K ratio (%) is 5 - 3,4 - 2 respectively.

**ECOIL GROUND CORE** has a good advantage to reduce amount of N-P-K input verse to conventional organic fertilizers (thanks to the formula of specially selected bacteria strains).

### **DIRECTIONS FOR USE**

**ECOIL GROUND CORE** pellets can be applied in soil in the depth minimum 3- 5 centimeters as a basic organic fertilizer up to 40 grams per plant and subsequently 10 to 20 grams as per crops need, otherwise can be applied 3 kg per 100 sq.m.

For soil recovery when field have suffered stress by long term of chemical fertilizers and pesticides applications or drought period depletion: at the 1st year of application around 5 kg (7,5 L) or even more per 100m<sup>2</sup> , the 2-nd year of application 3-4 kg (5 L) per 100m<sup>2</sup> 3rd year and then 3 kg (4,5- 5 L ) per 100 m<sup>2</sup>. For good conditioned soils the supporting dosage is 1-2 kg (3 L) per 100 m<sup>2</sup>. There is no effect of “burn” of plants in case exceeding the indicated dosage.

It should be used once at least every season, but 2 times in season is a good idea: at the time of planting and during post-harvest ploughing.

**ECOIL GROUND CORE** is ideal for any crops, but its proportionally higher nitrogen content makes it especially suitable for leafy crops like cabbage, salad crops, courgette, corn, rhubarb, and celery as well as on spring lawns. But most of farmers use it on all gross feeding plants including potatoes, tomato, cucumbers and so on.

### **PACKAGING**

Available in 10, 25 kg. bags. and 1000 kg. big bags.





# ECOL

ORGANIC LIQUID FERTILIZER

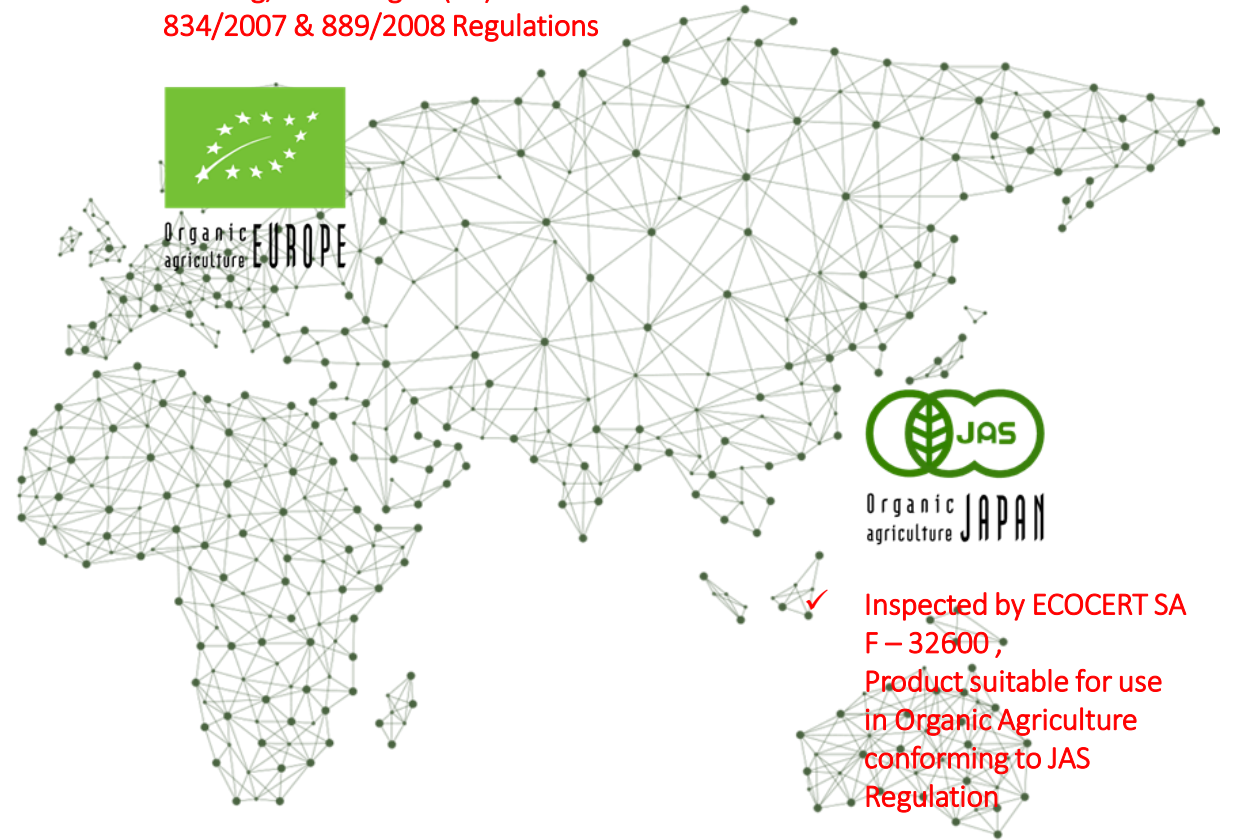
# PIONEER

(2 - 1 - 5)



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**ECOIL PIONEER** is a liquid form of the fertilizer. Liquid concentrated organic fertilizer is packed with nutrients, minerals and trace minerals made from natural extract of plants matter. It is good for foliar crops during blooming and vegetation period as well.

Fertilizer contains a mixture of strains of a specially selected consortium of plant growth promoting bacteria which lives in healthy soils and in rhizosphere of plants roots in natural conditions. It converts organic matter into a form bioavailable for plants, provide nutrition delivery from Ecoil organic fertilizers and soil directly to plants roots and foliars. Important functions of these bacteria: suppressing of phytopathogens which cause plant diseases, helping to fight with insects, improving stress resistance of plants, improving soil structure and developing its natural biocenosis.

The N-P-K ratio (%) is 2 - 1 - 5 respectively.

**ECOIL PIONEER** has the good advantage of reducing the amount of N-P-K added compared to conventional organic fertilizers (thanks to the formula of specially selected bacteria strains).

**ECOIL PIONEER** is good in combination with any organic matter usually applied as soil additive such as manure or others and also with conventional chemical fertilizers as well. It is recommended for all types of plants, crops.

### **DIRECTIONS FOR USE**

Shake well and mix 1- 4 % **ECOIL PIONEER** with chlorine free water. Use 300 ltr. of the solution per 150 sq.m. This application can be repeated every 2 - 6 weeks.

### **PACKAGING**

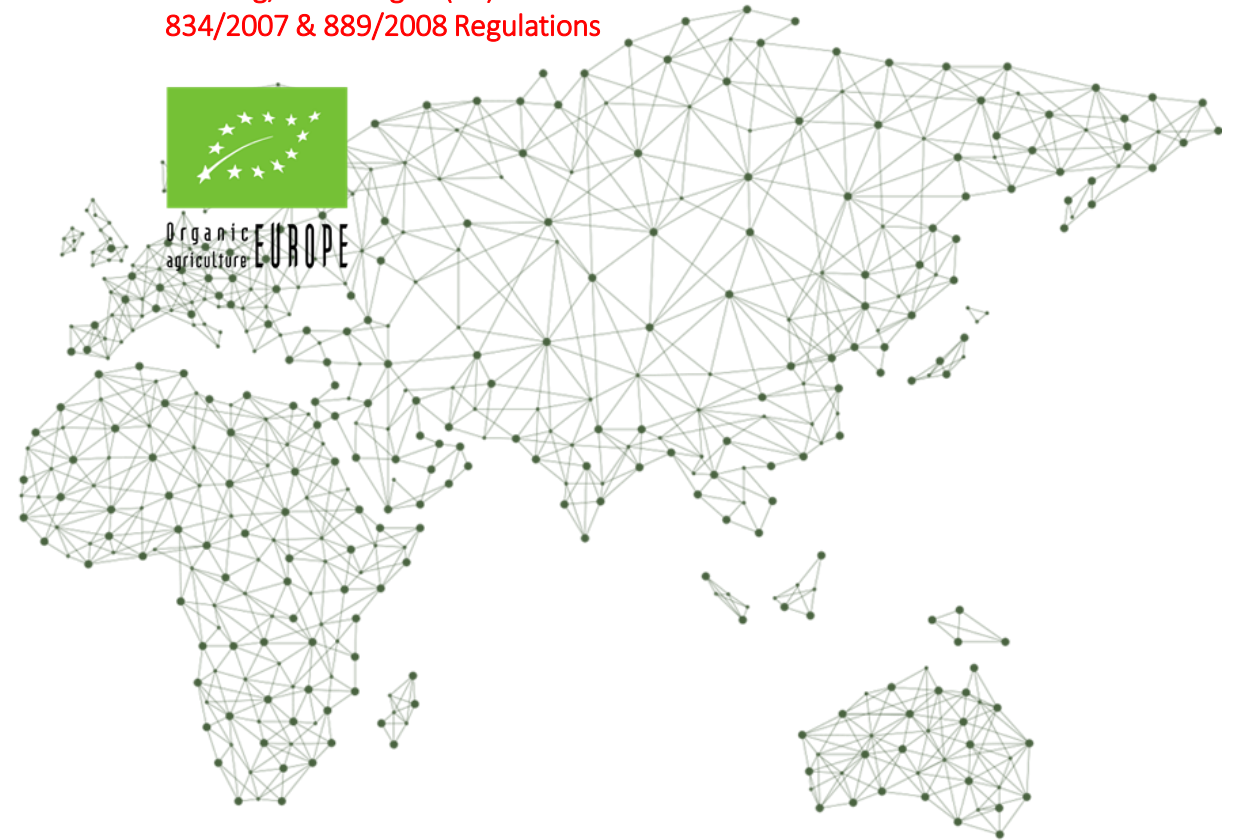
Available in 20, 50, 200 liters containers, IBC Tank and ISO Tank container.





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**ECOL**  
ORGANIC LIQUID FERTILIZER  
**FISH**

(2 - 4 - 3)



**ECOIL FISH** fertilizer comes from the nutrient rich and of the ecologically clean northern seas. Made from fresh fish remains. It is made by a unique cold process that protects the vitamins, amino acids, enzymes & growth hormones. It also contains all the micro and macro nutrients naturally found in fish. They are in a chelated form so they are readily available to plants. This is an excellent liquid fertilizer for all your plants needs. Can be used as a foliar spray, in drip line irrigation systems or watered directly on to plants. Will not burn. The product has been screened down to 150 microns so it will not clog your drip line system. It is recommended to flush the system with fresh water after fertilizing.

The N-P-K ratio (%) is 2 - 4,2 - 3 respectively.

**ECOIL FISH** has the good advantage of reducing the amount of N-P-K added compared to conventional organic fertilizers (thanks to the formula of specially selected bacteria strains).

### DIRECTIONS FOR USE

ANNUALS, VEGETABLES AND HERBS: Mix 1% of **ECOIL FISH** with chlorine free water per. Use 175 liters for every 150 sq. m. of the area.

PERENNIALS & SHRUBS: Mix 1,5% of **ECOIL FISH** with chlorine free water. Use 175 liters for every 150 sq.m. of the area or 2 cups of mix per plant for every 0,6 m. of plant height.

LAWNS: Mix 2% of **ECOIL FISH** per 125 liters of water for every 150 sq.m. of the area using a suitable hose-end sprayer.

INDOOR PLANTS: Mix 1% of **ECOIL FISH** with chlorine free water. Apply 1 cup of the mix for each 30 cm. of plant height.

CONTAINER OUTDOOR PLANTS: Mix 1,5% of **ECOIL FISH** to water. Apply 1 cup of the mix for each 30 cm. of plant height.

TREES: Mix 2% **ECOIL FISH** with chlorine free water. Use 250 liters for every 150 sq.m. of the area around the tree or apply 3 cups of the mix per plant for every 60 cm. of plant height.

### PACKAGING

Available in 20, 50, 200 liters containers, IBC Tank and ISO Tank container.





# ECOL

ORGANIC DRY FERTILIZER

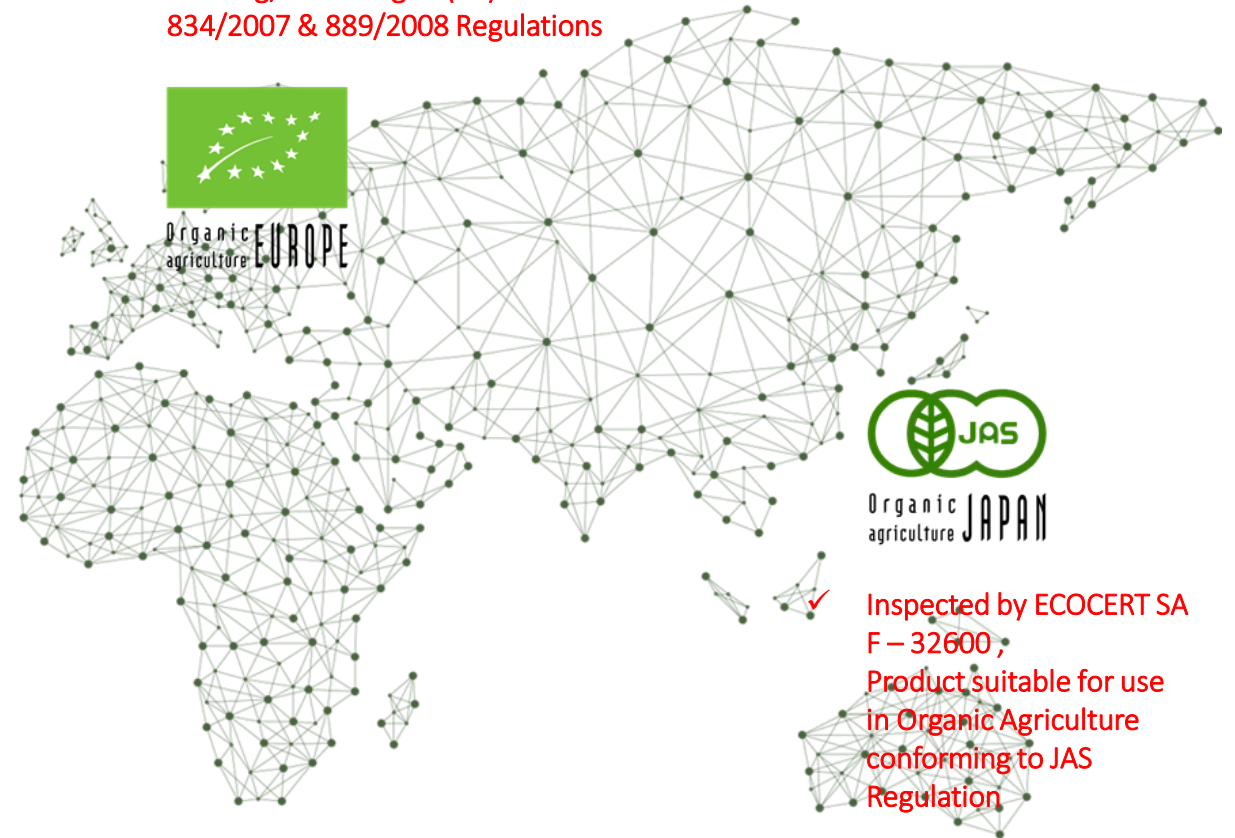
# KELP

(5 - 3 - 2)



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**ECOIL KELP DRY-** Seaweed for plants has been used by gardeners and farmers for thousands of years. People used to collect it off the beach and put it right in the soil as a fertilizer, which quickly releases rich nutrients, dozens of nature minerals and vitamins and other beneficial components. Seaweed's unique biology fertilizes and stimulates plants for centuries. Combined together the effect is a powerful organic feed that promotes strong growth and healthy, taut crops.

**ECOIL KELP DRY** pellets/powder fertilizer is based on a dry brown algae *Ascophyllum* (Phaeophyceae, including *Fucus* and *Laminaria*), which is collected in distant territories of the White sea on the north of Russia and Black sea on the south with wheat bran as soil improver additive. The drying process goes naturally on rocks by wind and sun in a delicate way to avoid thermal destruction of sensitive natural complexes of nutrients. No drying machines are involved. Seaweed fertilizers are found to be superior to chemical fertilizers due to high level of organic matter, micro and macro elements, vitamins and natural polysacharides.

The N-P-K ratio (%) is 5 - 3 - 2 respectively.

**ECOIL KELP DRY** has the good advantage of reducing the amount of N-P-K added compared to conventional organic fertilizers (thanks to the formula of specially selected bacteria strains).

**ECOIL KELP DRY** fertilizer is enriched with specially selected soil microorganisms PGPB (Plant Growth Promoting Bacteria) which trigger plant growth, suppress phytopathogens which cause plant diseases, help to fight insects, improve stress resistance of plants, improve soil structure and develop its natural biocenosis.

#### **DIRECTIONS FOR USE**

**ECOIL KELP DRY** pellets/powder can be applied in soil in the depth minimum 3- 5 centimeters up to 300 grams per tree otherwise 5 - 6 kg per 150 sq.m.

It should be use 2 times in season: at the time of planting and during post-harvest ploughing.

#### **PACKAGING**

Available in 10, 25 kg. bags. and 1000 kg. big bags.



# ECOL

ORGANIC LIQUID FERTILIZER

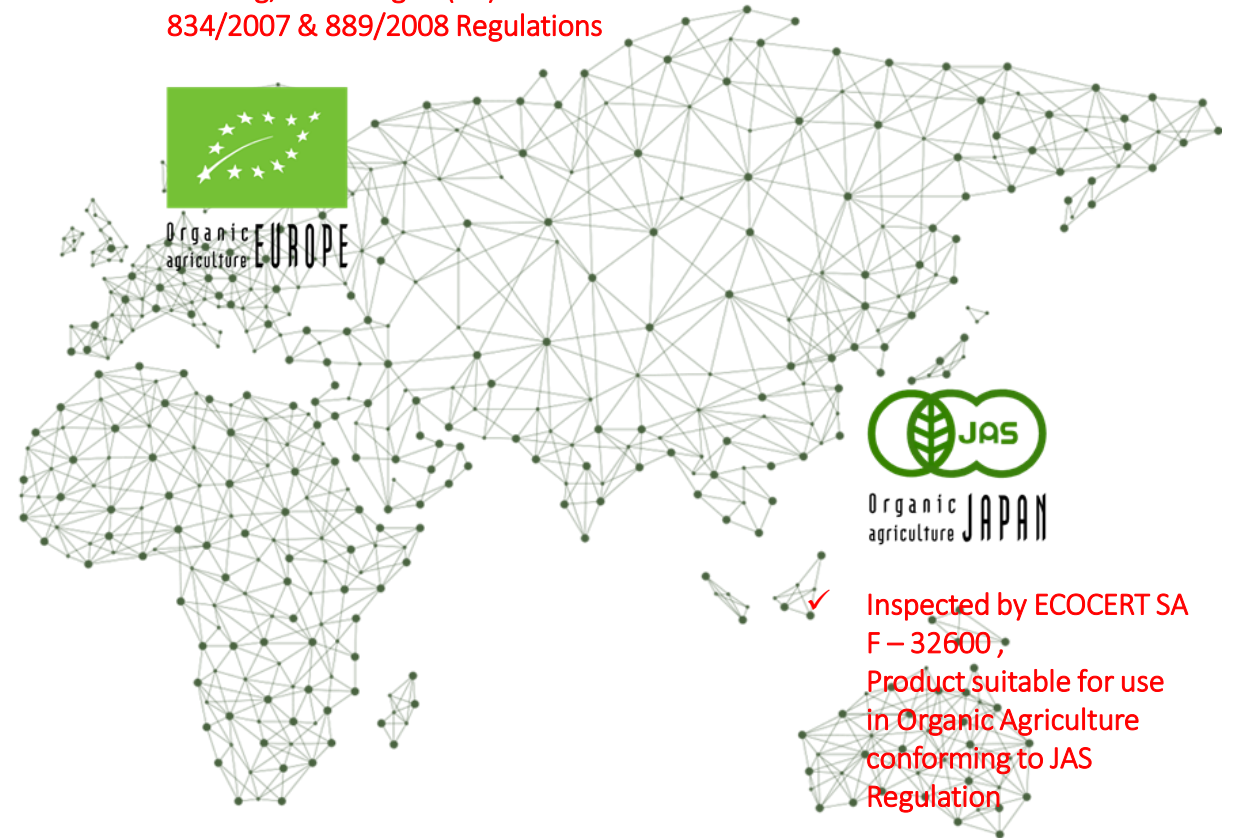
# KELP

(5 - 4 - 5)



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**ECOIL KELP LIQUID**- Seaweed blend in plants extracts. This form is useful for application during vegetation period and as foliar spray.

**ECOIL KELP LIQUID** fertilizer is based on brown algae *Ascophyllum* (Phaeophyceae, including *Fucus* and *Laminaria*), which is collected in distant territories of the White sea on the north of Russia and Black sea on the south. Extract made from plants is added to the fertilizer to support PGPB (Plant Growth Promoting Bacteria). It is well known that seaweed fertilizers are superior to chemical fertilizers due to the high content of organic matter, micro-and macronutrients, vitamins and natural polysaccharides. It can be applied directly to soil or leafes.

**The N-P-K ratio (%) is (approx.) 5 - 4,1 - 5 respectively.**

**ECOIL KELP LIQUID** has the good advantage of reducing the amount of N-P-K added compared to conventional organic fertilizers (thanks to the formula of specially selected bacteria strains).

**ECOIL KELP LIQUID** fertilizer is enriched with specially selected soil microorganisms PGPB (Plant Growth Promoting Bacteria) which trigger plant growth, suppress phytopathogens which cause plant diseases, help to fight insects, improve stress resistance of plants, improve soil structure and develop its natural biocenosis.

#### **DIRECTIONS FOR USE**

**ANNUALS, VEGETABLES AND HERBS:** Mix 1% of **ECOIL KELP LIQUID** with chlorine free water. Use 250 liters of water for 150 sq. m. of soil.

**PERENNIALS & SHRUBS:** Mix 1,5% of **ECOIL KELP LIQUID** with chlorine free water. Use for 150 sq.m. of the area or 2 cups of mix per plant for every 0,6 m. of plant height.

**LAWNS:** Mix 2% of **ECOIL KELP LIQUID** with chlorine free water. Use 250 liters of water for every 150 sq.m. of lawn using a suitable hose-end sprayer.

**INDOOR PLANTS:** Mix 1% of **ECOIL KELP LIQUID** to water. Apply 1 cup of mix for each 30 cm. of plant height.

**CONTAINER OUTDOOR PLANTS:** Mix 1,5% of **ECOIL KELP LIQUID** with chlorine free water. Apply 1 cup of mix for each 30 cm. of plant height.

**TREES:** Mix 2% **ECOIL KELP LIQUID** Per 250 liters of water for every 150 sq.m. of area around the tree or apply 3 cups of mix per plant for every 60 cm. of plant height.

#### **PACKAGING**

Available in 20, 50, 200 liters containers, IBC Tank and ISO Tank container.





# OUR PRODUCTS

## SAFETY

This is a highly biodegradable product that does not leave toxic residue on the treated areas. The applications can be repeated as often as necessary. Non-toxic product. Completely safe to plants, humans and animals. Carries no risk to food products made upon crops processing. Ecoil fertilizers can be used in combination with synthetic fertilizers, insecticides and fungicides as well as organic additives (manure, compost, turf etc.).

## MANUFACTURER'S GUARANTEE

The manufacturer guarantees that the quality of its product is made in accordance with the given description and recommendations for usage. But customers may vary dosage in order to optimize final effect of application. Any problem arising from incorrect usage is entirely the responsibility of the user.

## STORAGE

Store the fertilizer in its original package in a dry place at room temperature away from children and pets. Avoid direct sun light and humidity. The product shelf life is 3 years under normal storage conditions.

## SOLUBILITY

Dispersed in the recommended proportion with water.

## INCOMPATIBLES

As ECOIL ORGANIC Fertilizer can be used as basic fertilizer as well as in combination with organic additives (manure, compost, sapropel, turf) and/or synthetic fertilizers, pesticides (with certain caution).

## TOXICOLOGY

No toxicological problems have been found by using this product.

## CLASSIFICATION

Physical – Not Hazardous Health – Not Hazardous Environment – Not Hazardous.





## ATTESTATION

**for inputs suitable for use in Organic Farming according to (EC) n° 834/2007 & 889/2008 Regulations**

Attestation reference: 755AE2021n1e  
Number of products: 4

This attestation is issued to the operator below:

**ECOIL TECHNOLOGIES FZ LLC**  
**DUBAI SCIENCE PARK, PROMISES: SD 2-12, FLOOR: 3, BUILDING: DSP**  
**LABORATORY COMPLEX**  
**UNITED ARAB EMIRATES**

Ecocert SA confirms after inspection that the following products:

PRODUCT NAME	CATEGORY	STATUS
<b>ECOIL GROUND CORE/ ECOIL BLACKSOIL</b>	Fertilizer	EU 889/2008 allowed
<b>ECOIL PIONEER/ ECOIL MAYORCA</b>	Fertilizer	EU 889/2008 allowed
<b>ECOIL KELP/ ECOIL FUCUS (Dry &amp; Liquid)</b>	Fertilizer	EU 889/2008 allowed
<b>ECOIL FISH/ ECOIL KAMCHATKA</b>	Fertilizer	EU 889/2008 allowed

**are suitable for use in Organic Farming according to  
(EC) n° 834/2007 & 889/2008 Regulations**

ECOCERT SA - CEO  
Philippe THOMAZO

**Issue date, in L'Isle Jourdain: 07/05/2021**  
**Expiry date: 07/04/2022**

**This document belongs to Ecocert. It has to be returned on request.  
Only the original is valid, until the expiry date of the attestation or the termination of the attestation contract.**

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CREDIT MUTUEL 2200 17639640 41 – SIREN 380 725 002 RCS AUCH – APE 7120B

[www.ecoil-organic.com](http://www.ecoil-organic.com)

# ECOIL



## TECHNOLOGIES



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Organic agriculture USA



Organic agriculture JAPAN

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