

**EcoSan™**

**OTEMCHI**



### Nutribiotic Fertilizers

Knowing how to manage the ecosystem properly can make a huge difference to the quality of crops as well as the sustainability of the land. The ecosystem includes the soil, inorganic matter, plants, and the microbial community. Fertilizers are usually added to make up for the lack of minerals in the soil. However, in order to help plants grow well, we need to pay attention to both the status of the plant and the soil.

EcoSan™ Nutribiotic Fertilizer is based on Singapore Lactobacillus Technology and



uniquely sourced antibiotic-free poultry manure. It contains macronutrients, micronutrients and trace elements, which are the building blocks for plant nutrition. It is fully fermented, thereby stabilizing the microbial system of the soil. In addition, it contains beneficial microbes for both the plants and the soil.

EcoSan™ Nutribiotic Fertilizer is recognized and trusted by many commercial farmers.

- ◆ Multi-purpose fertilizer
- ◆ Organic
- ◆ Vigorous growth
- ◆ Mass flowering
- ◆ Heavy fruiting
- ◆ Excellent soil conditioner
- ◆ Healthy and nutritious crops
- ◆ High Lactobacillus and beneficial microbes count

Otemchi's Range of Nutribiotic Fertilizers EcoSan™ Nutribiotic Fertilizers come in both solid and liquid packaging.



### Otemchi's Range of Nutribiotic Fertilizers

EcoSan™ Nutribiotic Fertilizers come in both solid and liquid packaging.



### EcoSan™ Nutribiotic Solid Fertilizer

EcoSan™ Nutribiotic Solid Fertilizer is available in 7 and 55 liter packaging.



### Chemical composition

	N (%)	P <sub>2</sub> O <sub>5</sub> (%)	K <sub>2</sub> O (%)	CaO (%)	MgO (%)
	1.9	2.9	1.4	2.9	0.8
B (mg/kg)	Cu (mg/kg)	Zn (mg/kg)	Mn (mg/kg)	Fe (mg/kg)	C (%)
128.8	75.0	37.1	454.8	1111.0	48.8
C/N	Moisture	Organic content	CEC (meq/100g)	pH	Cond. (mS/cm)
25.7	47.6	84.1	27.8	8.8	5.5

### Suggested Dosage

Ecosan™ Nutribiotic Solid Fertilizer is fully fermented and is ready for use immediately. It can be used in a wide range of plants, including oil palms, landscape and vegetables.

**Oil Palms**—once in three (3) months

- ♦ Young - One 55 liter bag for 4 plants.
- ♦ Mature - One 55 liter bag for 2 plants.

**Landscape:** Apply once a month.

- ♦ Flowers/Bushes - Sprinkle around to a depth of 1 cm.
- ♦ Trees - One 55 liter bag for 10 trees.

**Vegetables:** Mix with soil and plant immediately.

- ♦ First application - Ten 55 liter bags for 100 feet of vegetable bed.
- ♦ Second application - Eight 55 liter bags for 100 feet of vegetable bed.

For better performance, use together with Ecosan™ Aquis Liquid Fertilizer.



### Ecosan™ Nutribiotic Liquid Fertilizer



Nutribiotic Liquid Fertilizer is available in 1, 5, and 20 liter bottles. For larger quantities, this product is also available in a 200 liter drum.

### Suggested dosage

Ecosan™ Nutribiotic Liquid fertilizer is suitable for a wide

### Chemical Composition

N (%)	P (%)	K (%)	Ca (mg/L)	Mg (mg/L)	B (mg/L)
4	2	2	194.7	87.4	1.4
Cu (mg/L)	Zn (mg/L)	Mn (mg/L)	Fe (mg/L)	pH	Cond. (mS/cm)
1.6	7.1	4.8	28.1	6.5	11.3

range of plants, including seedlings, vegetables, flowers and landscape plants and trees.

**Seedlings:** Apply once a week.

1 ml per 80 ml of water.

**Vegetables/flowers:** Apply once a week.

1 ml per 60 ml of water.

**Landscape plants/trees:** Apply once in two weeks.

1 ml per 50 ml of water.



### **Ecosan™ Aquis Liquid Fertilizer**

Ecosan™ Aquis Liquid Fertilizer can be used as a booster to enhance plant performance and improve the stability and fertility of the soil. This formulation is also suitable for seedlings and plants which are heavy feeders on NPK. It is available in 1, 5, and 20 liter bottles. For larger quantities, this product is also available in a 200 liter drum.

#### **Chemical Composition** **Suggested dosage**

N (%)	P (%)	K (%)	Ca (mg/L)	Mg (mg/L)	B (mg/L)
4	2	2	194.7	87.4	1.4
Cu (mg/L)	Zn (mg/L)	Mn (mg/L)	Fe (mg/L)	pH	Cond. (mS/cm)
1.6	7.1	4.8	28.1	6.5	11.3

Ecosan™ Aquis Liquid fertilizer is suitable for a wide range of plants including seedlings, vegetables, flowers and landscape plants and trees.

**Seedlings:** Apply once a week.

100 ml per 15 L of water.

**Vegetables/flowers:** Apply thrice (3 times) a week.

100 ml per 10 L of water.

**Landscape plants/trees:** Apply once a week.

100 ml per 10 L of water.

Updated 11 Mar 2015



*Developed and Produced in Malaysia by Otemchi Biotechnology (M) Sdn Bhd and marketed by Nature Bloom Marketing Pte Ltd.*