# RAJABIO - Pupuk Organik Cair (Liquid Organic Fertilizer)

**Comprehensive Product Detail Report**

## 1. Product Identity

* **Product Name:** RAJABIO Pupuk Organik Cair
* **Producer:** PT. Centra Biotech Indonesia
* **Category:** Organic Fertilizer (Ramah Lingkungan / Environmentally Friendly)
* **Product Type:** Liquid (Cair)

## 2. Legalities & Certifications

RAJABIO is a legally registered and certified organic product in Indonesia:

* **Ministry of Agriculture Registration (Nomor Kementan):** 02.02.2023.883
* **Organic Certificate Number (LeSOS):** 442-LSO-005-IDN-08-22
* **Standard Compliance:** SNI 6729:2016 (Sistem Pertanian Organik)

## 3. Product Description

RAJABIO is a liquid organic fertilizer formulated from selected natural ingredients and processed using **modern fermentation technology**.

* **Key Feature:** It has a high **C-Organic** content.
* **Function:** It is designed to fertilize the soil and is equipped with macro and micro nutrients that are easily absorbed by plants. It provides tangible results when applied to crops.

## 4. Technical Composition (Lab Analysis Results)

*Based on the test results presented in the company profile (Page 36).*

### Main Nutrients & Parameters

|  |  |
| --- | --- |
| **Parameter** | **Test Result** |
| **C-Organik** | **10.05%** |
| **pH** | **8.02** |
| **Nitrogen (N)** | **2.56%** |
| **N-Organik** | 0.57% |
| **Phosphate (P2O5)** | < 0.0074% |
| **Potassium (K2O)** | < 0.0017% |

### Micro Nutrients

|  |  |
| --- | --- |
| **Parameter** | **Test Result** |
| **Manganese (Mn)** | 49.11 mg/kg |
| **Iron (Fe Total)** | 649 mg/kg |
| **Boron (B)** | 13.5 ppm |
| **Molybdenum (Mo)** | 2.9 ppm |

### Safety Parameters (Heavy Metals)

Ensures the product is safe for the environment and consumption.

| Metal | Test Result |

| :--- | :--- |

| Mercury (Hg) | 0.20 mg/kg |

| Lead (Pb) | 4.17 mg/kg |

| Cadmium (Cd) | < 0.00097 mg/kg |

| Arsenic (As) | < 0.00091 mg/kg |

| Chromium (Cr) | < 0.0283 mg/kg |

| Nickel (Ni) | < 0.0399 mg/kg |

| Copper (Cu) | < 0.0144 mg/kg |

| Zinc (Zn) | < 0.0696 mg/kg |

### Microbial Contaminant Tests

Ensures no harmful pathogens are present.

| Pathogen | Test Result |

| :--- | :--- |

| Escherichia coli | < 3.0 MPN/gr (Safe) |

| Salmonella sp | 0 (Negative/Safe) |

## 5. Key Benefits (Manfaat)

1. **Soil Fertility:** Increases soil fertility by providing additional C-Organic input.
2. **Plant Defense:** Increases plant resistance against pests and diseases.
3. **Soil Improvement:** Improves the physical, chemical, and biological properties of the soil.
4. **Microbial Support:** Acts as a source of energy and food for beneficial soil microbes (fertilizing microbes and disease-controlling microbes).
5. **Nutrient Supply:** Provides essential macro and micro nutrients needed by plants.
6. **Harvest Quality:** Improves the overall quality of the harvest.

## 6. Dosage and Application Instructions (Tahap Pemakaian)

### I. Land Preparation (Pengolahan Lahan)

* **Method:** Spray or water the land.
* **Dosis:** 5 ml RAJABIO per 1 liter of water.

### II. At Planting (Saat Tanam)

* **Method:** Spray or water the land.
* **Dosis:** 5 ml RAJABIO per 1 liter of water.

### III. Post-Planting Maintenance (Setelah Tanam)

#### A. Rice (Padi)

* **Dosis:** 5 ml / liter of water.
* **Interval:** Every 2 weeks.
* **Duration:** Until mid-planting age (approx. 60 days).

#### B. Secondary Crops & Legumes (Palawija & Kacang-kacangan)

* **Dosis:** 5 ml / liter of water.
* **Interval:** Every 2 weeks.
* **Method:** Spray the land/plants.

#### C. Horticulture (Vegetables/Fruits)

* **Dosis:** 5 ml / liter of water.
* **Interval:** 1 - 2 times per week.
* **Method:** Spray the land/plants.

#### D. Plantation Crops (Perkebunan)

* **Method:** Spray or water the land.
* **Dosis:** 5 ml / liter of water.
* **Frequency (Producing Plants):** Water once every 1 month.
* **Frequency (Non-Producing/Young Plants):** Water every 1-2 months.

#### E. Cassava & Sugarcane (Ubi Kayu & Tebu)

* **Dosis:** 5 ml / liter of water.
* **Interval:** Every 1-2 months.
* **Duration:** Until mid-planting age (6 months).

## 7. Commercial Information

* **Packaging:** 1 Liter Bottle (implied from "Link E-Katalog bit.ly/rajabio1lt").
* **E-Catalog Price:** **Rp 62.000,-** (Price includes VAT/PPN, excludes shipping).
* **Note:** Prices found in the catalog are subject to change, but this is the listed price in the provided company profile.

manfaat rajabio: C-ORGANIK > 10,05 %

Sumber energi organisme tanah

Katalisator ketersediaan unsur hara makro dan mikro

Memperbaiki kualitas tanah

Meningkatkan hasil produksi tanaman

Mendorong kinerja mikroorganisme tanah secara maksimal

dosis pemakaian: 5 ML/LITER

8 TUTUP KEMASAN/TANGKI

interval pengaplikasian: 1 - 2 MINGGU SEKALI

MULAI DARI OLAH LAHAN SAMPI DENGAN UMUR 60 HST