

**PETROKIMIA GRESIK
BEGINS FIRST PRODUCTION OF PHONSKA OCA SUBSIDIZED LIQUID ORGANIC
FERTILIZER**

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Petrokimia Gresik is an Agroindustry Solution company and a member of [Pupuk Indonesia](#) holding company started its first production of [Phonska Oca](#) subsidized Liquid Organic Fertilizer (Liquid Organic Fertilizer) through its subsidiary, Petrosida Gresik, Tuesday (9/2).

Operation and Production Director of Petrokimia Gresik, Digna Jatningsih explained that Petrokimia Gresik this year received an additional mandate to distribute Phonska Oca subsidized Liquid Organic Fertilizer of 1.5 million liters to 11 (eleven) provinces, namely South Sumatra, Banten, West Java, DKI Jakarta, Central Java, Special Region of Yogyakarta, East Java, Central Kalimantan, West Kalimantan, South Sulawesi, and West Nusa Tenggara.

"Phonska Oca is an innovative liquid organic fertilizer from Petrokimia Gresik. Starting this year the government has included this fertilizer in the subsidy scheme through the Minister of Agriculture Regulation No. 49/2020 concerning the Allocation and Highest Retail Price of Subsidized Fertilizer 2021," said Digna.

The Liquid Organic Fertilizer subsidy policy, according to Digna, is a positive response from the government in an effort to optimize the subsidized organic fertilizer budget. In the last 10 years or so, the trend of subsidized organic fertilizer uptake, whether in solid or granular form, has never reached 100%. So that every year there is a remaining budget that is reallocated to other non-organic fertilizers.

On the other hand, all researchers, both from the Agricultural Research and Development Agency and Higher Education as well as agricultural practitioners have agreed that organic fertilizers are needed to improve the physical properties of the soil.

"This year's production is the beginning, it is possible that the following year the allocation of subsidized Liquid Organic Fertilizer will increase," said Digna.

For that, Petrokimia Gresik through Petrosida Gresik has prepared a plant to produce Phonska Oca with a capacity of 264 thousand liters per month or 3.16 million liters per year.

Phonska Oca is different from other liquid organic fertilizers, because it has a C-Organic content of at least 6%, macro nutrients Nitrogen (N), Phosphorus (P), Potassium (K), and is enriched with micro and microbial elements which are very beneficial for plants. The compound fertilizer content in Phonska Oca is to increase agricultural productivity, while organic elements are used to improve nutrient content in the soil.

"But it needs to be understood and conveyed to farmers that subsidized Liquid Organic Fertilizer is an additional supplement in the concept of balanced fertilization. It is not a fertilizer that is applied independently," said Digna.

For this reason, as part of education for farmers, Petrokimia Gresik has conducted demonstration plots (demonstration plots) in several places in Java, Sumatra, Sulawesi and NTB. In general, this fertilizer is able to increase yields of up to 10 to 60% depending on the type of commodity.

"We must be able to provide understanding to farmers that this product can meet farmers need in increasing productivity and welfare. This is the starting point for government and farmer's trust in Petrokimia Gresik regarding liquid organic fertilizers," said Digna.

Meanwhile Petrokimia Gresik also collaborates with the for Research and Development of Agricultural Land Resources Centre and the Soil Research Institute to provide supervision and technology escort so that this subsidized Liquid Organic Fertilizer program can run properly.

"As a guarantee that this product is good and in accordance with the needs of farmers, Petrokimia Gresik collaborates with Research and Development of Agricultural Land Resources Centre and the Soil Research Institute. Because of this quality product guarantee that will increase national agricultural productivity," She explained.

Meanwhile, the Head of Research and Development of Agricultural Land Resources Center, Dr. Husnain, who also witnessed the inaugural production of Phonska Oca, said that Phonska Oca is increasingly relevant because soil fertility is increasingly become critical. For the java island, the soil organic content is less than 2 percent, so that organic fertilizer is needed which is the spirit of soil fertility.

"The government provides incentives for liquid Liquid Organic Fertilizer as an effort to increase agricultural productivity by improving soil conditions," She explained.

The challenge is that many farmers are still reluctant to use organic fertilizers because the results are not instantaneous. This is a common challenge to educate farmers on the use of subsidized Liquid Organic Fertilizer as a long-term investment to improve soil conditions.

"Phonska Oca is a fertilizer with good quality because it has a lot of added content, so it will have a significant effect. If farmers understand the results of the Phonska Oca application, then this liquid organic fertilizer will be sought after by farmers," said Dr. Husnain.

He added that Research and Development of Agricultural Land Resources Center will escort the quality test so that this Liquid Organic Fertilizer can provide optimal results. On the other hand, she also hopes that there will be a joint escort related to land that will have applied Phonska Oca, to become an evaluation material.

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