

**PETROKIMIA GRESIK COMMERCIAL FERTILIZER SUCCESSFULLY
INCREASE RICE PRODUCTIVITY IN LIMA PULUH KOTA REGENCY
UP TO 75 PERCENT**

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Petrokimia Gresik, an Agro-industrial Solutions company and the holding member of the Pupuk Indonesia, can increase rice productivity in Lima Puluh Kota Regency, West Sumatra by up to 75 percent, through the use of Petrokimia Gresik commercial fertilizer. This increase in productivity is reflected in the recent "Demonstration Plot of Petro ZA Plus and Phosgreen Fertilizers".

President Director of Petrokimia Gresik, Dwi Satriyo Annurogo said that the estimated yield on the plot land reached 7 tons per hectare. Meanwhile, the average productivity of local farmers is 4 tons per hectare, so there is an increase of 3 tons per hectare.

"Petrokimia Gresik is an Agro-industrial Solutions company that presents agricultural products from upstream to downstream. Every product presented is a form of company support for improving the welfare of farmers in Indonesia through increasing crop yields," said Dwi Satriyo.

In this plot in Lima Puluh Kota, Petrokimia Gresik uses commercial fertilizers, namely Petro ZA Plus, Phosgreen, and NPK Phonska Plus. In addition, Petrokimia Gresik also uses Kebomas Agricultural Lime (Kaptan) which functions as a soil reformer.

The composition applied by Petro ZA Plus is 400 kilograms per hectare, Phosgreen 150 kilograms per hectare, NPK Phonska Plus 300 kilograms per hectare, and Kaptan 2,000 kilograms per hectare. While the area of the plot harvested is only 0.5 hectares, so the composition is adjusted.

"This crop is proof that commercial fertilizer use can increase farmers' income. The price of commercial fertilizer is indeed more expensive than subsidized fertilizer, but the yield becomes more optimal," he said.

Furthermore, Dwi Satriyo explained that Petro ZA Plus and Phosgreen are new products from Petrokimia Gresik which were launched in 2022 or right at the age of 50 years of the company. This new product is a form of the company's contribution to the advancement of agriculture in Indonesia and to actively contribute to maintaining national food security. This fertilizer is an alternative substitution for farmers who need ZA and SP-36 products which are currently no longer subsidized by the government according to the Regulation of the Minister of Agriculture Number 10 of 2022.

"We have provided the additional n that plants need in this new fertilizer. It is not just a differentiator from subsidized products, but aims to make farmers feel more benefits, from quality Petrokimia Gresik commercial fertilizer," said Dwi Satriyo.

Petro ZA Plus has a Nitrogen content of 21%, Sulfur of 24%, and Zinc of 1000 ppm. The advantages of this fertilizer can spur the growth of the number of saplings, plant height, and several leaves and make the leaf color appear greener. In addition, it also improves the quality of crops by improving the color, aroma, taste, and size of fruits/tubers, as well as making plants more resistant to pest or disease attacks.

Meanwhile, Phosgreen is presented with a minimum of 20% phosphate and calcium content, and a minimum of 3% magnesium which functions to spur root growth, and flower formation, and increase crop yield resistance to reduce shrinkage during storage. Phosgreen is also enriched with additional Sulphur nutrients that can improve the quality of crop yields.

"We hope that the plot that has been carried out for 3.5 months can be duplicated by other farmers in Lima Puluh Kota Regency, as well as farmers in West Sumatra so that the benefits of the best product of Petrokimia Gresik can reach even wider, and be able to encourage regional economic growth," he concluded.

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