

## **NPK PHONSKA PLUS INCREASE THE PRODUCTIVITY OF PADDY UNTIL 44% IN CENTRAL LAMPUNG**

Number : 08/SP/PG/II/2020  
Day & Date : Wednesday, February 19, 2020  
Place : Central Lampung District  
Event : Harvest of Paddy Demonstration Plot Use Balance Fertilization

Petrokimia Gresik is a company of agroindustry solution and the holding member of Pupuk Indonesia, held paddy harvest in the fields of demonstration plot in Bedeng Village, Trimurjo Sub-district, Central Lampung District, Wednesday (19/2).

President Director of Petrokimia Gresik, Rahmad Pribadi conveyed that the application of balance fertilization recommendation from Petrokimia Gresik able to increase the productivity of paddy until 44% per hectare (ha), from 5,9 tons to 8,66 tons Harvested Dry Grain (HDG) per hectare.

"This is continuity from last first planting event in November 2019," said Rahmad.

The balance fertilization application composition which applied to this demonstration plot is Petroganik organic fertilizer (2 tons/ha), NPK Phonska Plus (300 kg/ha); Urea (200 kg/ha); ZK (2 kg/ha) by dissolving, Petro Biofertil Biofertilizer (100 kg/ha); and Petro Gladiator Bio decomposer (8 kg/ha).

To optimize the used of those fertilizers, this demonstration plot also used Kebomas Agriculture Lime (6,8 tons/ha) to adjust the soil condition which classified as acid, and Sidafor Pesticides (10 kg/ha) to overcome pest problems.

"This is an effort of Petrokimia Gresik as a provider of agroindustry solution, by presenting complete products to escort the growing season and realizing sustainable agriculture" explained Rahmad.

Furthermore, Rahmad conveyed that in this demonstration plot, Petrokimia Gresik again used their best non-subsidized fertilizer, which is NPK Phonska Plus.

NPK Phonska Plus is a new generation compound fertilizer of Petrokimia Gresik contains 15-15-15 NPK which enrich with 9% sulphur and essential micro nutrients Zink (Zn) as much as 2.000 ppm which is really needed by plant.

These elements are needed in small amount, however it is an important factor that can maximize the vegetative growth and formation of flowers and fruit in plants. But, according to the data from World Fertilizer Organization, most of agriculture land in the world especially Indonesia land is deficiency of Zink micro nutrients.

"So we chose Zink as a micro nutrient that was added in NPK Phonska Plus," added Rahmad.

Central Lampung was chosen because it is one of food center in Sumatera which has potential to be national paddy barns. Rahmad hopes that this pattern of balance fertilization recommendation from Petrokimia Gresik which has been proven able to increase the productivity of paddy will be duplicated by other farmers.

"We hope that Petrokimia Gresik's products can be a mainstay for Lampung farmers to increase agriculture productivity, so that farmers' welfare will also improve," concluded Rahmad.

PT Petrokimia Gresik

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