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Balai Penelitian Lingkungan Pertanian
Indonesian Agricultural Environment Research Institute

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200. Urea Berlapis Arang Aktif dan Zeolit

Active carbon and Zeolite coated urea

Pupuk ini diformulasikan dari tiga bahan urea, arang aktif, dan zeolit. Ukuran pupuk 50 mesh, dan diperkaya Citrobacter sp, Sphaerotillus natans, Bacillus sp., Azotobacter, dan Azospirrillium.

Keunggulannya dapat mengikat pencemar residu pestisida (organoklorin), mempercepat degradasi pestisida, slow release, mengefisiensikan penggunaan urea 35%.

Kehadiran teknologi ini menjadi alternatif petani dalam memilih pupuk urea lepas lambat dan mengurangi pencemaran. Pupuk ini prospektif dikembangkan oleh industri pupuk.

This fertilizer is formulated from the three ingredients; urea, active carbon and zeolite. Fertilizers size is 50 mesh, and enriched by Citrobacter sp, Sphaerotillus natans, Bacillus sp., Azotobacter, and Azospirrillium.

The advantages are able to bind the pollutants of pesticide residues (organochlorine), accelerate the degradation of pesticides, slow release, make the efficient use of urea to 35%.

The presence of this technology becomes an alternative to farmers in choosing slow-release urea fertilizers and is to reduce pollution. Fertilizer is prospectively developed by the fertilizer industry.