

FERTILIZER DEEP PLACEMENT (FDP) TECHNOLOGY

WHAT IS FDP TECHNOLOGY?

FDP is placing granulated fertilizer directly in the root zone in the form of briquettes to enhance the efficiency of nutrient delivery to crops. It applies fertilizers into the soil close to the seed or plant to supply the nutrients in adequate amounts to the roots of growing plants.

How is it done?

Solid fertilizers are compressed into briquettes of 1-3 g of weight with the help of the machine and placed 7-10 cm or 3-4 inches deep in the soil around the plant, either manually or mechanically.

Overarching benefits of FDP

- * 10-30% less urea is required per hectare of different crops
- * Application is only once in the season
- * Due to less use, the Government saves subsidy expenditure on fertilizer
- * 10-20% yield increase among different crops and therefore increases food security
- * Less weed infestation
- * Reduces the adverse impact on environment (Less runoff, leaching, and gaseous loss)
- * Profitable business opportunities for entrepreneurs and contributes to local economic development



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