

RICE SEED PREPARATION - PADDY PROGRAM

GROWTH PRODUCTS, LTD.

PADDY PROGRAM



Application Timing	Product Choices	Rate	Comments
Soaked Seed	Essential® Plus	1 liter / 250 liter water Soak 100 kg of seeds in Essential mixture for 2 nights. 9 oz Essential / 66 gallon water 45 - 50 lbs seed	Encourages faster and higher seed germination.
FIELD			
Germination 15 - 25 Days After Planting In Field	Essential® Plus	50 ml / 20 liters of water 1.6 oz / 5 gallon	Root stimulation cell division
	Starter Plus 8-32-5	100 ml / 20 liters of water 3.3 oz / 5 gallon	Promotes rooting
	Nitro-30	100 ml / 20 liters of water 3.3 oz / 5 gallon	Stem leaf growth
Seed Emergence 35 - 45 Days After Planting	Essential® Plus	50 ml / 20 liters of water 1.6 oz / 5 gallon	Cell division and new growth
	Starter Plus 8-32-5	150 ml / 20 liters of water 5 oz / 5 gallon	
	K-Builder 7-2-21	50 ml / 20 liters of water 1.6 oz / 5 gallon	Establishes roots
Tillering 45 - 65 Days After Planting	Essential® Plus	75 ml / 20 liters of water 2.5 oz / 5 gallon	For future seed head and stem production
	Calcium Chelated 9% (6-0-0)	50 ml / 20 liters of water 1.6 oz / 5 gallon	
	Taller Plants: K-Builder 7-2-21	150 ml / 20 liters of water 5 oz / 5 gallon	
	Shorter Plants: Starter Plus 8-32-5	150 ml / 20 liters of water 5 oz / 5 gallon	
Heading & Ripening 80 Days After Planting	Essential® Plus	50 ml / 20 liters of water 1.6 oz / 5 gallon	Seed weight increase
	K-Builder 7-2-21	100 ml / 20 liters of water 3.3 oz / 5 gallon	Stem setting and sizing
	Ca Chelated 9% (6-0-0)	30 ml / 20 liters 1oz. / 5 gallon	Cell strength
	Micrel Total	30 ml / 20 liters 1oz / 5 gallon	Enzyme activity

