






# RICE SEED PREPARATION

## PADDY PROGRAM



Application Timing	Product Choices	Rates	Comments
Soaked Seed	Essential® Plus 1-0-1 	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	<ul style="list-style-type: none"> <li>Encourages faster and higher seed germination.</li> </ul>
<b>FIELD</b>			
Germination 15 - 25 Days After Planting In Field	Essential® Plus 1-0-1 	50 ml / 20 liters of water 1.6 oz / 5 gallons	<ul style="list-style-type: none"> <li>Root stimulation</li> <li>Cell division</li> </ul>
	Bloomtastic Starter Plus 8-32-5	100 ml / 20 liters of water 3.3 oz / 5 gallons	<ul style="list-style-type: none"> <li>Promotes rooting</li> </ul>
	Nitro-30 (30-0-0) 85% SRN	100 ml / 20 liters of water 3.3 oz / 5 gallons	<ul style="list-style-type: none"> <li>Stem leaf growth</li> </ul>
Seed Emergence 35 - 45 Days After Planting	Essential® Plus 1-0-1 	50 ml / 20 liters of water 1.6 oz / 5 gallons	<ul style="list-style-type: none"> <li>Cell division and new growth.</li> </ul>
	Bloomtastic Starter Plus 8-32-5	150 ml / 20 liters of water 5 oz / 5 gallons	
	K-Builder 7-2-21	50 ml / 20 liters of water 1.6 oz / 5 gallons	<ul style="list-style-type: none"> <li>Establishes roots</li> </ul>
Tillering 45 - 65 Days After Planting	Essential® Plus 1-0-1 	75 ml / 20 liters of water 2.5 oz / 5 gallons	<ul style="list-style-type: none"> <li>For future seed head and stem production.</li> </ul>
	Calcium Chelated 9% (6-0-0)	50 ml / 20 liters of water 1.6 oz / 5 gallons	
	<b>Taller Plants:</b> K-Builder 7-2-21	150 ml / 20 liters of water 5 oz / 5 gallons	
	<b>Shorter Plants:</b> Bloomtastic Starter Plus 8-32-5	150 ml / 20 liters of water 5 oz / 5 gallons	
Heading & Ripening 80 Days After Planting	Essential® Plus 1-0-1 	50 ml / 20 liters of water 1.6 oz / 5 gallons	<ul style="list-style-type: none"> <li>Seed weight increase</li> </ul>
	K-Builder 7-2-21	100 ml / 20 liters of water 3.3 oz / 5 gallons	<ul style="list-style-type: none"> <li>Stem setting and sizing</li> </ul>
	Calcium Chelated 9% (6-0-0)	30 ml / 20 liters 1oz. / 5 gallons	<ul style="list-style-type: none"> <li>Cell strength</li> </ul>
	Micrel Total (5-0-0)	30 ml / 20 liters 1oz / 5 gallons	<ul style="list-style-type: none"> <li>Enzyme activity</li> </ul>