

PACKAGE OF PRACTICES

CROP: PADDY

PADDY	
SEED RATE	6 Kg/ac (Hybrids) and 25 Kg/ac for varieties
SEED TREATMENT	4 g/Kg of Carbendizem
	400 g of Azospirillum treatment
NURSERY PREPARATION (100 m²)	
Organic manure/rotten compost/FYM	100 Kg
N:P:K	100 g:160 g:200 g
SPACING	20x10 cm
TRANSPLANTING	
Organic manure/rotten compost/FYM	4 T/ac (15 days before sowing)
Zinc Sulphate	8 Kg/ac (basal application)
Borax	2 Kg/ac
Gypsum	100 Kg/ac
N:P:K	20:20:20 Kg/ac (basal application)
	Nitrogen 10 Kg/ac after 35-40 DOS and 10 Kg/ac at tillering stage
CROP PROTECTION	
Pre Emergent weed control	1 Kg of Butachlor mixed with 50-70 Kg of sand (3-4 days after transplanting)
Brown plant hopper (BPH)	Carbofuron 3% @4kg/ac or Phorate 10% @ 5kg/ac or Quinolphos 4% @12kg/ac mixed with soil
Yellow stem borer	10kg/ac of Fipronil 0.3 G granules before sowing and mix with soil then go for irrigation
Rice Gundhi Bug	Malathion dust 5% @ 8kg/ac or 0.8ml Malathion 50EC in 1lit
Rice grass hopper	Dusting of 50% malathion or 1.5% quinolphos or 1% endosalfon on bunds.
Blast	Seed dressing with either Tricyclazole 75 WP or Carbendazim 50 WP @ 2g/kg of seed.
Bacterial leaf blight	Spray 0.05g streptocyclin and 0.05g in one lit of water
Rice tungro	Spray 1.3ml monocrotophos in 1liter of water.
BEST PRACTICES	
	Selecting salt tolerant and inland salinity tolerant varieties.
	Seed treatment with fungicide and bactericide to avoid seed borne diseases
	Maintaining one inch of water and not over flooding
	Proper and timely application of fertilizers