

Ecology	variety	weed control	Diseases control	pest control	vertebrate	Top dressing	Birds
Rainfed upland	NERICA 1, 4, 10, 11	21 days after emergence 42 DASE second weeding 70 DASE third weeding where necessary except NERICA 10 Pre emergence Pendimethalin 1 day after planting e.g. STOMP to Control grasses & Basagran (with wetter) for broad leaved and sedges	Resistance to major diseases so far (rice blast, RYMV) but susceptible to sheath blight	Susceptible to major insect pests ( the white stem borer, spotted stem borer, stalk eyed fly  tolerant cultivars  insecticide use  seed dresser like Monceren and foliar application of pyrethriod at 21 DASE Excess use of N increases attraction of pests and disease infection Incorporating of straw in land	Rats Wild rabbits Squewilows Wild life like elephants, monkeys  Rats by baiting and trapping, clear edges  inform KWS	Basal application 46 kg P <sub>2</sub> O <sub>5</sub> ha <sup>-1</sup> at planting 1st Apply 26 kg N ha <sup>-1</sup> at 21 DASE  2nd application of 26 kg N ha <sup>-1</sup> at PI (50 DASE)	Bird scaring Use of shade nets Use of reflectors, hanging bells
	Dourado Precoce	Two weedings 21 & 42 DASE 70 DASE third weeding where necessary Pre emergence Pendimethalin a day after planting e.g. STOMP to	Resistance to major diseases so far (Blast, RYMV) but susceptible to sheath blight	Susceptible to major insect pests (white stem borer, spotted stem borer, stalk eyed fly  tolerant cultivars  insecticide use	Rats Wild rabbits Squewilows Wild life like elephants, monkeys  Rats by baiting and trapping,	Basal application 46 kg P <sub>2</sub> O <sub>5</sub> ha <sup>-1</sup> at planting 1st Apply 26 kg N ha <sup>-1</sup> at 21 DASE  2nd application of 26 kg N ha <sup>-1</sup> at PI (50 DASE)	Bird scaring Use of shade nets Use of reflectors, hanging bells

		(with water) for broad leaved and sedges		seed dresser like Monceren and foliar application of pyrethroid at 21 DASE Excess use of N increases attraction of pests & disease infection Incorporate straw in land	clear edges inform KWS		
Rain fed lowland							
Irrigated	Basmati 370 Basmati 217	Two weedings at 21 & 42 DAT 2-4 D broad leaf & Servian & Sanafen, OR Satunil, at 10-14 DAT – hand pull <i>Echinochloa</i> 50 DAT	Very susceptible to blast, bacterial blight & resistant to RYMV. Use of Cabendazim for blast control e.g. Bavistin preventive apply at 35 and 70 DAT probenazole, tricyclazole	Susceptible to major insect pests (WSB, SSB, SEF) tolerant cultivars insecticide use seed dresser e.g. Monceren and foliar application of pyrethroid at 21 DASE Excess use of N increases attraction of pests and disease infection Incorporate straw – land preparation Gal midge in Bunyalla irrigation scheme	Rats Wild rabbits Squewilows Wild life like elephants, monkeys  Rats by baiting and trapping, clear edges  inform KWS	Basal application 46 kg P <sub>2</sub> O <sub>5</sub> ha <sup>-1</sup> at planting 1st Apply 40 kg N ha <sup>-1</sup> (SA) at 21 DASE 2nd application of 40 kgN ha <sup>-1</sup> (SA) at PI (50 DASE)	Bird scaring Use of shade nets or reflectors, hanging bells
	BW 196	1st weeding 21DAT	Tolerant to blast	Susceptible to major insect pests (white	Rats Wild rabbits	Basal application of 46 kg P <sub>2</sub> O <sub>5</sub> ha <sup>-1</sup> 1st	Bird scaring Use of shade

		3rd weeding at 70 DAT 2-4 D broad leaf & Servian /Sanafen mix, or Satunil at 10-14 DAT plus 1 weeding 70 DAT	Use the recommended rate of N Spread and burn the straw	Susceptible to RYMV stem borer, spotted stem borer, stalk eyed fly tolerant cultivars insecticide use seed dresser like Monceren and foliar application of pyrethroid at 21 DASE Excess use of N increases attraction of pests and disease infection Incorporating of straw in land Gal midge in Bunyalla irrigation scheme	Squewilows Wild life like elephants, monkeys Rats by baiting and trapping, clear edges inform KWS	Topdress 80 kg N ha <sup>-1</sup> (SA) 21 DASE 2nd Topdress 80 kg N ha <sup>-1</sup> (SA) at PI (50 DASE)	nets Use of reflectors, hanging bells
IR 2793-80-1	Three weedings at 21, 42 and 70 DAT OR 2-4 D broad leaf & Servian /Sanafen mix, or Satunil at 10-14 DAT + 1 weeding 70 DAT	Tolerant to blast Susceptible to RYMV Use recommended N rate Spread or burn straw	Susceptible to major insect pests (white stem borer, spotted stem borer, stalk eyed fly) tolerant cultivars insecticide use seed dresser like Monceren & foliar application of	Rats Wild rabbits Squewilows Wild life like elephants, monkeys Rats by baiting and trapping, clear edges inform KWS	Basal application 46 kg P <sub>2</sub> O <sub>5</sub> ha <sup>-1</sup> 1st Apply 60 kg N ha <sup>-1</sup> (SA) at 21 DASE 2nd application of 60 kg N ha <sup>-1</sup> (SA) at PI (50 DASE)	Bird scaring Use of shade nets Use of reflectors, hanging bells	

				<p>pyrethriod at 21DASE</p> <p>Excess use of N increases attraction of pests and disease infection</p> <p>Incorporating of straw in land</p> <p>Gal midge in Bunyalla irrigation scheme</p>			
	ITA 310	<p>Three weedings at 21, 42 &amp; 70 DAT</p> <p>OR use 2-4 D broad leaf at 10 - 14 DAT plus Servian and Sanafen, Satunil, 1 hand pulling 70 DAT</p>	<p>Tolerant to blast</p> <p>Susceptible to RYMV</p> <p>Use the recommended rate of N</p> <p>Spread and burn the straw</p>	<p>Susceptible to major insect pests (the white stem borer, spotted stem borer, stalk eyed fly)</p> <p>tolerant cultivars</p> <p>insecticide use</p> <p>Seed dresser e.g. Monceren &amp; foliar application of pyrethriod at 21 DASE</p> <p>Excess use of N increases attraction of pests and disease infection</p> <p>Incorporating of straw in land</p> <p>Gal midge in Bunyalla irrigation scheme</p>	<p>Rats</p> <p>Wild rabbits</p> <p>Squewilows</p> <p>Wild life like elephants, monkeys</p> <p>Rats by baiting and trapping, clear edges</p> <p>inform KWS</p>	<p>Basal application 46kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup></p> <p>1st Apply 40 kg N ha<sup>-1</sup> (SA) at 21 DASE</p> <p>2nd application of 40 kg N ha<sup>-1</sup> (SA) at PI (50 DASE)</p>	<p>Bird scaring</p> <p>Use of shade nets</p> <p>Use of reflectors, hanging bells</p>