

Rice hispa

Dicladispa armigera



Rice hispa adult (Guido Bohne CC BY-SA)



Rice hispa (S.V. Fowler)

Prevention	Monitoring	Direct Control	Direct Control	Restrictions	
<ul style="list-style-type: none"> Clip the tips of leaves at the time of transplanting (to prevent egg laying of the pests on the plant.) Avoid over fertilizing the field. Avoid planting at close spacing as it encourages the built up of rice hispa, thus, plant at greater spacing Conserve predator or natural enemies by reducing pesticide sprays. Among the biological control agents, there are small wasps that attack the eggs and larvae. A reduviid bug eats up the adults. There are 3 fungal pathogens that attack the adults. Reference: IIRI Knowledge Bank 	<ul style="list-style-type: none"> Fields monitor regularly – at weekly intervals When populations appear to be increasing, check more often at 2 times per week. Spray chemical when outbreak. 	<ul style="list-style-type: none"> Manual collection and killing of beetles with hand nets. Clipping and burying shoots in the mud can reduce grub populations by 75–92%. 	<ul style="list-style-type: none"> Note: for all pesticides usage, follow instructions on product label 		
			<ul style="list-style-type: none"> Note: to avoid the development of resistance to pesticides, alternate the use of pesticides with different IRAC Group 		
			<ul style="list-style-type: none"> Note: Wear appropriate protective clothing when applying pesticides 	<ul style="list-style-type: none"> Spray insecticide when heavy damage. 	<ul style="list-style-type: none"> ETL 2 adults or 2 damage/hill (ref Agropedia)
			<ul style="list-style-type: none"> Abamectin. Use 0.5ml/lit water. 	<ul style="list-style-type: none"> Permethrin. Use 1 ml/l water. Non-systemic, contact and stomach poison. Or Alpha-cypermethrin (e.g. Attach) 	<ul style="list-style-type: none"> IRAC Group 6. No WHO classification, but considered moderately toxic. Synthetic pyrethroid. IRAC Group 3A. WHO Class II (Moderately hazardous). Might cause resurgence if use continuously.



Cambodia

CREATED/UPDATED: November 2014/ Nov 2015

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