Plantwise

Kiểm soát cỏ đuôi phượng trên ruộng lúa (Chinese sprangletop)

Leptochloa chinensis Cỏ đuôi phượng, đuôi phụng, Mành hòa Trung Quốc

Leptochloa chinensis ©Vu Duy Hoang

Fruit of Chinese sprangletop © J. Scher/ Federal Noxious Weeds Disseminules, USDA APHIS ITP, Bugwood.org.

Prevention	Monitoring	Direct Control	Direct Control	Restrictions
• Seeds are spread as contaminants of crop seeds - use certified weed-free seeds • For land preparation: deep plough about 20 - 25 cm • Use water free from the seeds or use filter net for irrigation to prevent introduction of the weed • Flood fields at least 5 cm deep, five days after sowing of rice	• Annual, tufted grass (0.3-1.2m high) with fibrous roots. Sometimes with stolons. Inflorescence erect, with numerous branches that point slightly upwards (each 2-13cm long). • Look for emerging plants weekly after sowing - take direct control measures when the weed is found • Look for infestations along watercourses and take direct control actions when found	• Flood fields, at least 10cm deep, after emergence of weed • Hand-pull or hoe, removing entire root system	• Use of chemical herbicides may lead to the development of herbicide resistance.	
			• When using a pesticide, always wear protective clothing and follow the instructions on the product label, such as dosage, timing of application, and pre-harvest interval.	
				• Resistant to some rice herbicides, such as bentazone and quinclorac
			• Apply Pretilachlor (300-420g a.i/ha) 0-5 days after transplanting/sowing	• Pretilachlor: WHO Class U (unlikely to present acute hazard), WSSA Resistance group 15.
			• Apply Pyrazosulfuron (420 g a.i/ha), Butachlor (600-720 g a.i/ha) or Propanil 40-50g a.i./ha + Butachlor 450-600g a.i./ha, 5-10 days after transplanting/sowing	• Pyrazosulfuron: WHO Class U (unlikely to present acute hazard), WSSA Resistance group 2 // Butachlor: WHO Class III (slightly hazardous), WSSA resistance group 15 // Propanil: WHO class II (moderately hazardous), WSSA resistance group 7

Vietnam

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