




# Lesser Fimbristylis in upland crops

*Fimbristylis miliacea* syn. of *F. quinquangularis* (accepted name) and *Fimbristylis littoralis* (accepted name) Myet-kun-thee-lay

	Prevention	Monitoring	Direct Control	Direct Control	Restrictions
 <p>Inflorescence ©C. Parker/CABI ISC</p>	<ul style="list-style-type: none"> <li>This species spreads by seeds</li> <li>Clean tools and farm machinery when leaving an infested area to prevent seeds being spread; especially important if the weed is not yet in the area</li> <li>Seeds are spread by livestock do not allow them to transfer seeds to uninfested areas</li> <li>Prepare land by deep ploughing (&gt;12cm) to bury and/or desiccate the weed seed before planting</li> </ul>	<ul style="list-style-type: none"> <li>Additional relevant crops: pulses, Sesame, groundnut, sunflower, maize</li> <li>Tufted leafy annual or perennial erect sedge with fibrous root system (up to 80-90cm high). Leaves dark green and stiff; inflorescence a rather lax and diffuse compound umbel, 6-10 cm long; shoots of young plants flattened (laterally compressed) at base</li> <li>Check fields two weeks after sowing for the level of weed infestation</li> <li>Consider direct control if weed is present</li> </ul>	<ul style="list-style-type: none"> <li>Hand weeding and mechanical hoeing can give good control, especially under dry conditions</li> </ul>	<ul style="list-style-type: none"> <li>Use of chemical herbicides may lead to the development of herbicide resistance.</li> <li>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.</li> <li>Foliar application of Fluazifop-p-butyl 15 % EC (Armo Winner 15 % EC) at the rate of 500cc/ac. Apply 2 times from 2 weeks after sowing to the time before the crop canopy is closed.</li> <li>Post planting and pre emergence (of the weeds) - Apply Oxadiazon 25 % EC (Formostar 25 EC) at 1-2 l/ac, 0-5 days after sowing.</li> </ul>	<ul style="list-style-type: none"> <li>Fluazifop-p-butyl: WHO Class III (slightly hazardous), WSSA resistance group 1.</li> <li>Oxadiazon: WHO Class U (unlikely to present acute hazard in normal use), WSSA resistance group 14.</li> </ul>
 <p>Infestation of lesser fimbristylis in rice ©C. Parker/CABI ISC</p>					
 <p>Growth habit of lesser fimbristylis ©Forest and Kim Starr/flickr</p>					

## Myanmar

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