

## Weed management in jute (*Corchorus olitorius* L.) by post emergence herbicides

D.S. Sitangshu Sarkar

### Abstract

A field experiment was conducted in the medium fertile neutral soil (pH 7.1) of Barrackpore, West Bengal to screen post-emergence herbicides for weed management in jute (cv. JRO 524). Highest weed control efficiency (WCE) of 96.6% was noted for the hand weeding treatment. Among the herbicides, Fenoxaprop-p-ethyl at 75 g ha<sup>-1</sup> showed highest WCE (86.6%), closely followed by Quizalofop ethyl (79%). The dominant grass weed was *Echinochloa colona* (96%) and the broadleaved weeds (3%) included *Physalis minima* and *Phyllanthus niruri*. Post-emergence application of Fenoxaprop-p-ethyl @ 75 g ha<sup>-1</sup> or Quizalofop ethyl @ 50 g ha<sup>-1</sup> at 21 days after sowing (when the grass weeds are at four-leaf stage) effectively controlled the grass weeds giving higher jute fibre yield and net return per rupee invested (2.0 and 1.87 respectively).

Full Text: [PDF](#)

### Reading Tools

---

#### Weed management i...

*Sitangshu Sarkar*

---

[Review policy](#)  
[About the author](#)  
[How to cite item](#)  
[Indexing metadata](#)  
[Print version](#)  
[Look up terms](#)  
[Notify colleague\\*](#)  
[Email the author\\*](#)

RELATED ITEMS  
[Author's work](#)  
[Related studies](#)  
[Government policy](#)  
[Book searches](#)  
[Relevant portals](#)  
[Databases](#)  
[Online forums](#)  
[Data sets](#)  
[Pay-per-view](#)  
[Media reports](#)  
[Web search](#)

#### SEARCH JOURNAL

  
 ▾  

CLOSE

\* Requires [registration](#)