

## Research Note

# Residues of pendimethalin in soil and radish

■ A. SIREESHA, P.C. RAO AND S. RAMALAKSHMI

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### MEMBERS OF RESEARCH FORUM :

#### Corresponding author :

A. SIREESHA, Andhra Pradesh Rice Research Institute and Regional Agricultural Research Station, Maruteru, WEST GODAVARI (A.P.) INDIA  
Email: [siridevavarshini@gmail.com](mailto:siridevavarshini@gmail.com)

#### Co-authors :

P.C. RAO AND S. RAMALAKSHMI, All India Co-ordinated Research Project on Weed Control, Acharya N.G. Ranga Agricultural University, HYDERABAD (A.P.) INDIA

### Summary

Field experiment was conducted to study the residues of pendimethalin in edible parts of radish and its persistence in soil. At harvest in both the seasons of winter and summer more than 98per cent of initial deposit of pendimethalin was dissipated and observed half life in radish field was 6.45 days and 10.03 days for pendimethalin applied as pre emergence @ 0.5 and 0.75 kg a.i. ha<sup>-1</sup>, respectively. In radish tubers the detected residues of pendimethalin were 0.0026 mg kg<sup>-1</sup> and 0.0063 mg kg<sup>-1</sup> during winter season and 0.0027 mg kg<sup>-1</sup> and 0.0056 mg kg<sup>-1</sup> when pendimethalin applied at 0.5 and 0.75 kg a.i. ha<sup>-1</sup>, respectively.

**Key words :** Pendimethalin, Persistence, Radish, Residues, Soil

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