

## CONTENTS

| Title  | Page |
|--|------|
| Studies on the rate and time of application of metoxuron for the control of wild oats ( <i>Avena ludoviciana</i> Dur.) in wheat ( <i>Triticum aestivum</i> )<br><b>H. S. Gill, Ajmer Singh and U. S. Walia</b> | 1    |
| Effect of herbicides on nitrogen and utilization in wheat<br><b>Jitendra Pandey</b>  | 7    |
| Effect of time of weeding on growth and seed yield of okra<br><b>S. B. Singh, Kirti Singh and S. P. Singh</b>  | 11   |
| Nutrient competition studies in cotton ( <i>Gossypium hirsutum</i> L.) under different weed control system in Madhya Pradesh<br><b>S. C. Jain, B. G. Iyer, H. C. Jain and N. K. Jain</b>                       | 18   |
| Weed flora of Punjab-II - Weeds of kharif crops.<br><b>M. Sharma</b>   | 26   |
| Effect of repeated application of herbicides on the control of canal bank weeds<br><b>R. K. Malik, S. S. Rathi and R. S. Balyan</b>  | 32   |
| Effect of 1-amidino-o-alkylisourea sulphates on germination of <i>Parthenium hysterophorus</i> L. and other plant species.<br><b>Sharad Medhekar, Anupa Das and K. S. Boparai</b>                              | 37   |
| Enhancement of herbicide activity through solubilization<br><b>V. S. Rao and B. Kotoky</b>   | 42   |
| Herbicidal control of weeds in direct-seeded rice ( <i>Oryza sativa</i> L.) under Non- puddled conditions and their residual effect on wheat, <i>Brassica</i> and linseed<br><b>Pawan Kumar and H. S. Gill</b> | 50   |
| Relative efficacy of different herbicides for control of weeds in upland Rainfed rice<br><b>B. T. S. Moorthy and A. N. Dubey</b>   | 56   |
| Interaction of parthenin and gibberellic acid on growth responses in <i>Achyranthes aspera</i> and barely<br><b>Kuldeep Singh, S. N. Khosla and S. N. Sobti</b>  | 63   |
| Residues of paraquat and diquat in paddy following pre-harvest foliar application<br><b>R. P. Singh and N. P. Agnihotri</b>  | 71   |
| <b>Short communications</b>  |      |
| <i>Withania somnifera</i> : A weed having bactericidal properties<br><b>Vina B. Trivedi, S. M. Kazmi, A. B. Trivedi and S. N. Kazmi</b>  | 75   |
| Effect of certain herbicides and their combinations on bud activity of Kans rhizomes<br><b>Dilip Amrithphale and L. P. Mall</b>  | 78   |