

## CONTENTS

Title	Page
Effect of Clopyralid Alone and as Tank Mixture With Isoproturon on Weed Control in Wheat <b>R.S. Panwar, S.S. Rathi, R.K. Malik and R.S. Malik</b>	1
ED <sub>50</sub> Values in Bioassay Techniques <b>H. Subbaiah, H. V. Nanjappa and R. Devendra</b>	6
Performance of Some Herbicides in Pigeon pea + Cowpea - Wheat Cropping System <b>Jacob Thomas, R.B.L. Bhardwaj and K. N. Ahuja</b>	11
Effect of Crop Weed Competition on Growth and Yield of <i>Kharif</i> Onion <b>M. P. Singh and K. P. Singh</b>	18
Comparative Efficacy of Post-Emergent Herbicides on the Control of Silverleaf Nightshade ( <i>Solanum elaeagnifolium</i> Cav.) <b>V. Suresh Babu and T. V. Muniyappa</b>	22
Interaction of Herbicides with <i>Azolla</i> and Soil Microbes <b>G. Gopalswamy, S. Anthoni Raj, A. Abdul Kareem</b>	28
Atrazine as Post-emergence Herbicide for Weed Control in Maize ( <i>Zea mays</i> L.) <b>R. S. Balyan, R. K. Malik, R. S. Dhankar</b>	35
Integrated Weed Management in Vegetable Pea ( <i>Pisum sativum</i> ) Under Dry Temperate Conditions <b>Suresh Kumar and C. M. Singh</b>	40
Studies on the Chemical Weed Control in Finger millet under Rainfed Conditions <b>R.V. Singh and M.P.S. Arya</b>	45
Allelopathic Activity of <i>Cyperus rotundus</i> on Germination and Growth of Grain Legumes <b>J. G. Varshney and Anurag Saxena</b>	52
Weed Management in Coconut-Banana Intercropping System <b>K. E. Savithri, C. Sreedharan and C. T. Abraham</b>	57
Dynamics of Weed Flora in Soybean ( <i>Glycine max</i> ) and Wheat ( <i>Triticum aestivum</i> ) + Pea ( <i>Pisum sativum</i> ) due to Imazethapyr Application <b>M. C. Rana and N. N. Angiras</b>	64
Effectiveness of Chemical Weed Control on Growth and Yield of Mulberry ( <i>Morus indica</i> L.) <b>H. R. Shivakumar and T. V. Muniyappa</b>	71
Effectiveness of Atrazine on Photosynthesis and Nitrogen Metabolism in <i>Rabi</i> Maize <b>Anil Dixit and K. C. Gautam</b>	77
Studies on Dormancy and Germination of <i>Trianthema Portulacastrum</i> <b>R. Umarani and Jacqueline A. Selvaraj</b>	82
Studies on Levels and Times of Isoproturon Application for Controlling Weeds in Potato under Dry Temperate High Hills <b>Suresh Kumar and C. M. Singh</b>	89
Economizing N Use in Spring Planted Sugarcane Through Effective Weed Management <b>S. P. Mehra and L.S. Brar</b>	94
Studies on Integrated Weed Control in Soybean ( <i>Glycine max</i> ) <b>S. C. Negi and J. P. Saini</b>	100
Efficacy of Sulfonylurea herbicides against <i>Parthenium hysterophorus</i> L. <b>J. S. Mishra and V. M. Bhan</b>	104
<b>SHORT COMMUNICATIONS</b>	

Evaluation of Weed Control Practices in Direct Seeded Rice <b>R. Dutta and A. K. Gogoi</b>	109
Efficacy of Fluroxypyr as Influenced by the Time of Application for Weed Control in Wheat <b>R. S. Panwar, R. K. Malik, S. S. Rathi</b>	112
Effects of Herbicide Mixtures and Sequential Applications on Relative Composition of Weed Flora in Transplanted Rice <b>A. S. Rao and R. P. Singh</b>	115
Effect of Herbicide Mixtures and Sequential Applications on Micronutrient Uptake by Transplanted Rice and Associated Weeds <b>A. S. Rao and R. P. Singh</b>	120
Weed Management Studies in Wheat <b>Suresh Kumar and C. M. Singh</b>	125
Studies on Residual Effect of Herbicides Applied in Transplanted Rice on Succeeding Wheat Crop <b>Singh and Vaishya</b>	129
Study on Biology of <i>Oxalis lalifolia</i> H.B. and K <b>N. C. Pratibha, T. V. Muniyappa, B. G. Murthy and H. R. Shivakumar</b>	132
A Preliminary Evaluation of Herbicides on the Control of <i>Oxalis latifolia</i> H.B. and K <b>N. C. Pratibha, T. Muniyappa, B. G. Murthy and H. R. Shivakumar</b>	135
Performance and Persistence of Fluchloralin and Pendimethalin Applied in Cluster bean <b>Pratibha</b>	139
Nutrient Uptake by Mulberry ( <i>Morus indica</i> L.) and Associated Weeds Under Different Weed Management Practices <b>T. V. Muniyappa and H. R. Shivkumar</b>	143
Weed Control Studies in Soybean ( <i>Glycine max.</i> L. Merrill) <b>Harmohinder Singh, Jaspinder Singh Kolar and L. S. Brar</b>	148