

CONTENTS

| Title | Page |
|---|------|
| Depressive influence of <i>Cucumis callosus</i> Cogn. on crops of Indian arid zone R. P. Bansal and D. N. Sen | 113 |
| Studies on the critical period of weed control in spring planted sugarcane Govindra Singh, P. C. Pant and V. M. Bhan | 120 |
| Effect of some herbicides on weed control in ramie plantation B. K. Sarma, R. Mandal and G. C. Biswas | 125 |
| Effect of chemical weed control and nitrogen fertilization on dry matter production of green gram (<i>P. aureus</i> Roxb.) –Oat (<i>A. sativa</i> L.) forage cropping system R. K. Pandey and S. D. Gupta | 130 |
| Comparative effectiveness and economics of mechanical and chemical methods of control of <i>Parthenium hysterophorus</i> Linn. T. V. Muniyappa, T. V. Ramachandra Prasad and K. Krishnamurthy | 137 |
| Efficiency of butachlor, propanil and 2,4-D in controlling weeds in upland rice M. Borgohain and L. P. Upadhaya | 145 |
| Effect of different groups of weeds and periods of weeds free maintenance on the grain yields of drilled rice N. Gopal Naidu and V. M. Bhan | 151 |
| Efficiency of different herbicides in controlling weeds in jute fields V. N. Saraswat and Bibhas Ray | 158 |
| <i>Short Communications</i> | |
| Influence of 2,4-D on ¹⁴ CO ₂ fixation in <i>Lathyrus aphaca</i> , <i>Melilotus indica</i> and <i>Pisum sativum</i> A. K. Pathak and V. M. Bhan | 171 |
| Studies on control of the problem weed <i>Amisophacelus axillaris</i> (Linn.) R. Rao et Kamm. A. N. Rao and P. S. Dubey | 174 |
| Harvest high yield of Rai (<i>Brassica juncea</i>) with herbicides and nitrogen in calcareous soil. Jitendra Pandey | 178 |
| Studies on chemical weed control in Japanese Mint (<i>Mentha arvensis</i> L.) U. S. Walia, K. S. Sandhu, S. S. Saini and J. S. Samra | 181 |
| Chemical weed control in seed crop of Pea (<i>Pisum sativum</i> L.) K. S. Randhawa, M. S. Saimbhi and Daljit Singh | 186 |