

CONTENT

Title	Author	Page No.
Intercropping different legumes for <i>Striga</i> (<i>Striga hermonthica</i> del benth) management and enhancement of sorghum productivity in north west Ethopia DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1400	Z. Gebremedhin, G. Alemayehu and D. Ayalew	01-12
Evaluation of bed planted wheat (<i>Triticum aestivum</i> L.) in relation to row orientation and intercropping systems DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1401	M. Pandey and T. Singh	13-18
Response of potato (<i>Solanum tuberosum</i> L.) to gibberellic acid and integrated potassium management DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1402	A. Singh and G. S. Chinna	19-26
Acidity amelioration practices for improving primary and secondary soil nutrient availability under rice cultivation in acid sulphate (Vaikom Kari) soils of Kuttanad DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1403	V. S. Devi	27-33
High temperature stress mitigation in rice (<i>Oryza sativa</i> L.): Foliar application of plant growth regulators and nutrients DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1404	M. P. Raghunath, R. Beena, V. Mohan, M. M. Viji, R. V. Manju and Roy Stephen	34-47
Paddy price forecasting in India using ARIMA model DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1405	B. Kathayat and A.K Dixit	48-55
Quality augmentation through tillage and nutrition in Tannia (<i>Xanthosomas agittifolium</i> (L.). Schott) DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1406	A. Jayapal and O.K. Swadija	56-67
Evaluation of seed quality status based on its position on main stem and primary branches of the plant in <i>Brassica</i> sp. DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1407	N. Chamling, A. K. Basu, N. Gurung and P. G. Devhade	68-75
NDVI derived LAI model: A novel tool for crop monitoring DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1408	R. Mohan Kumar Yamanura and Basavraj Patil	76-85
Investigate the socio-economic status of growers and determinants of mango yield in Lucknow district of Uttar Pradesh DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1409	S. P. Singh and A. K. Nandi	86-92

Title	Author	Page No.
Effect of secondary hardening media on the performance of <i>in-vitro</i> raised banana plantlets cv. Grand Naine DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1410	N. Chamling and N. Bhowmick	93-98
Performance of wheat under different tillage methods and potassium levels under irrigated and rainfed conditions of Northern India DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1411	H. Singh, S. K. Sharma and M. A. Bhat	99-109
Productivity of rice as influenced by irrigation regimes and nitrogen management practices under mechanized transplanting DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1412	G. Vijayshekar, M. M. Reddy and R. M. Kumar	110-114
Studies on genetic analysis and brown spot resistance in rice (<i>Oryza sativa</i> L.) under aerobic condition DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1413	B. Srinivas, D. Padmaja, Y. Chandramohan, T. Kiran Babu, S. Thippeswamy and S. Laxman	115-121
Effect of organic manures and bio-stimulants on growth and yield of Curry leaf (<i>Murraya koenigii</i>) DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1414	R. Chitra, D. Janaki and P. Jansirani	122-128
Employment potential of mulberry sericulture: A case study of Karnataka DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1415	J. R. Dasar, A. Saha, Selvaraju N. G. and P. Tewary	129-135
Effect of different packaging methods in storability of broccoli var. Aishwarya in refrigerated condition DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1416	CH. Chanbisana and A. K. Banik	136-142
Clustering of upland rice genotypes by different biometrical methods DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1417	A. Soharu, S. K. Sanadya, A. Dwivedi and D. P. Pandey	143-151
Pre-sowing seed priming effect on seed quality parameters of coriander (<i>Coriandrum sativum</i> L.) under storage condition DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1418	S. Sowjanya and A. Dutta	152-158
Enhancing productivity through climate smart agriculture under changing weather of rainfed farming system DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1419	A. Pradhan, G. C. R. Chary, T. Chandrakar and V. Mishra	159-164
Effect of tillage and herbicide application on broad-leaf weeds and wheat yield under alluvial zone DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1420	D. Mukherjee and B. Mandal	165-173

Title	Author	Page No.
Distribution and path analysis of arsenic in soil, water and rice in some affected blocks of lower Gangetic plain DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1421	D. Ghosh, S. K. Pal, S. Mahanta, P. U. Acharjee and P. K. Patra	174-182
Perception of paddy farmers about minimum support price in Karnataka DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1422	S. Sahana, K. Kumar, R. Patil and M. C. Vivek	183-189
Response of brinjal to FYM, mulch and irrigation under Palam valley conditions DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1423	K. Kaur, M. Seth and S. Singh	190-194
Characterization of some upland rice (<i>Oryza sativa</i> L.) genotypes under varying level of Phosphorus DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1424	A. Syam, R. Das, S. Das and Ramesh R.	195-202
Effects of heat and drought stress on yield and physiological traits in wheat (<i>Triticum aestivum</i> L.) DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1425	W. U. Hasan, C. Roy, T. Chattopadhyay, R. D. Ranjan and N. De	203-210
Evaluation of imazethapyr and its ready mix combinations for weed control in okra (<i>Abelmoschus esculentus</i> (L.) Moench) DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1426	R. Singh, D. R. Chaudhary and S. S. Rana	211-216
Evaluation of herbicides for control of broad-leaved weeds in barley (<i>Hordeum vulgare</i> L.) DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1427	J. Choudhary, K. S. Pruthviraj, S. L. Mundra and Somdutt	217-221
Study on bio-efficacy of Ipencarbazone 25% SC (Dinkar) on weed population in transplanted rice (<i>Oryza sativa</i> L.) DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1428	S. Sarkar and U. Bhattacharya	222-228
Dynamics of soil microbial population as influenced by post-emergence application of herbicide mixtures DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1429	S. K. Raj, E. K. Syriac and K.S. Meenakumari	229-234
Comparative analysis of different weedicides against various weed flora, crop growth and yield in wheat (<i>Triticum aestivum</i> L.) DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1430	E. Kumari and V. Kumar	235-241
Standardization of trailing method and irrigation frequency for yardlong bean (<i>Vigna unguiculata</i> var. <i>sesquipedalis</i> (L.) raised in containers for urban farming DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1431	S. Anjana, M. Ameena and Pooja, A. P	242-245
Effect of integrated weed management on cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i> L.) DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1432	V. Mehmi, S. K. Singh, K. Kumari, U. Kumar, R. Kaur and K. Kaur	246-251

Title	Author	Page No.
Comparative growth performance of rohu (<i>Labeo rohita</i>) fed with low cost feeds using locally available animal proteins in Purulia district of West Bengal DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1433	A. Biswas and S. Mandal	252-256
Influence of herbicides on weed flora, yield and economics of direct-seeded rice (<i>Oryza sativa</i> L.) DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1434	S. K. Dwivedi and R. K. Satyarajguru	257-264
Estimation of incidence of pest and disease and pollution of natural enemy of rice using weather parameters DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1435	S. T. P. Kumar and D. Mazumdar	265-271
Weed management in summer groundnut (<i>Arachis hypogaea</i> L.) DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1436	S. Sarin, J. S. Bindhu, L. Girijadevi, D. Jacob and V. Mini	272-277
Seasonal incidence of insect pests on field pea in relation to some abiotic factors in lower Gangetic plains of West Bengal DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1437	S. Roy and A. Banerjee	278-283
Perceptual motivation of urban people in waste recycling: The dynamics of social ecology DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1438	A. Ghosh, D. Pal, S. K. Acharya and A. Biswas	284-292
Efficacy of herbicides against weeds in rice (<i>Oryza sativa</i> L.) - lathyrus cropping system DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1439	R. K. Dey, M. Sana, S. Pal and H. Banerjee	293-299
Bioefficacy of pretilachlor and pyrizosulfuron-ethyl in delaying critical time of competition for <i>Echinochloa crus-galli</i> in direct seeded rice DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1440	S. Tahir, S. Iqbal, M. Nazir, M. A. Bhat, F. Bahar and B. Jan	300-308
Weed management with ready-mix herbicides in wet seeded rice DOI : https://doi.org/10.22271/09746315.2021.v17.i1.1441	J. Mounisha, M. V. Menon and T. V. Reddy	309-313