

CONTENT

Title	Author	Page No.
Population fluctuation of leaf eating insect pests through climatic factors on cabbage DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1696	N. Kumari, B. K. Patidar, S. K. Jat, R. Biyani, D. S. Meena and P. K. Jat	1-5
Impact of sowing environment and thermal regime on performance of Indian mustard (<i>Brassica juncea</i> L.) in Red Laterite Zone of West Bengal DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1697	S. K. De, K. Pramanik and C. Biswas	6-16
Assessment of resistance and resilience of fluorescence in diacetate hydrolase activity under rice-wheat cropping system in an <i>Inceptisol</i> DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1698	S. Tripathy, S. Biswas, T. J. Purakayastha, N. Ahmed, R. Pandey, T. K. Das and B. Ramakrishnan	17-22
Bioaccumulation of heavy metals in <i>Pangasius hypophthalmus</i> cultured in sewage treated water DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1699	R. Sharma, R. Gulati, P. Singh and R. Kumar	23-29
Control of mixed weed flora with pre and post-emergence imidazolinone herbicides in garden pea DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1700	S. Kaur, T. Kaur, C. Shyam and M. S. Bhullar	30-35
Vermicomposted red mud- An up-and-coming approach towards soil fertility and crop quality DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1701	K. Charan and P. Bhattacharyya	36-51
Impact of drip fertigation effect on yield and economics of blackgram DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1702	S. A. Fanish and S. Pannerselvam	52-56
Exploration and consequences of outlier on potato field crop through factorial experiment DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1703	M. M. H. Middy, M. Roy, A. Saha, J. S. Basak and A. Majumder	57-62
Comparative cost analysis of finger millet (<i>Eleusine coracana</i>) threshing and pearling method DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1704	K. K. Patel, R. K. Naik and G. Patel	63-71
Performance of AAB genomic group of banana under Gangetic Plain of West Bengal DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1705	R. Paul, T. Mondal, F. K. Bauri, S. Mahato and R. Mohanta	72-77

Title	Author	Page No.
The disparity in soil organic carbon concentrations under short-term conservation agriculture with rice-based cropping systems in a very fine textured soil of lower Indo-Gangetic plain, West Bengal DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1706	J. Dey Sarkar, A. Kundu and P. K. Bandyopadhyay	78-83
Effect of girdling, etiolation and IBA on sprouting and rooting characteristics of kiwifruit DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1707	S. Gurung, N. Bhowmick, S. Gurung, A. Thapa and A. Ghosh	84-88
Evaluation of different Integrated Pest Management modules against major pests of field pea DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1708	A. Banerjee and S. Pal	89-96
Response of varieties and planting dates on postharvest performance of gladiolus under the ecological conditions of Punjab DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1709	R. Kaur, S. Jhanji and K. K. Dhatt	97-103
Enhancement of farm income in vegetable cultivation through introduction of plastic mulching in foothills of Eastern Himalaya DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1710	S. Saha, A. Das, K. Pradhan and R. Chatterjee	104-112
Studies on impact of different castor varieties and hybrid on growth and economic parameters of eri silkworm <i>samia cynthia ricini</i> DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1711	D. Elumalai, Indira Kumar K. and P. Mohan Raj	113-119
Nutrient management of rapeseed for its improved growth, yield and quality in an acid <i>Inceptisol</i> DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1712	L. M. Singh, A. K. Singh, T. B. Singh, N. C. Gulleibi, T. D. Singh, K. Dkhar and G. Gadi	120-125
Conservation agriculture practices influenced soil water retention parameters of <i>Inceptisol</i> of lower <i>Gangetic</i> plains DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1713	A. Kundu, S. Saha, J. Murmu, J. Dey Sarkar and P. K. Bandyopadhyay	126-132
Genetic study of combining ability for fruit yield attributing traits in brinjal (<i>Solanum melongena</i> L.) over different environments. DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1714	R. S. Kherwa, R. L. Bhardwaj, Anupama and P. Choyal	133-143

Title	Author	Page No.
Comparative performance of single and multicut sorghum (<i>Sorghum bicolor</i> L. Moench) varieties under different nutrient sources DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1715	D. K. Shukla, K. Kumar, Y. Pal and A. K. Prabhakar	144-147
Evaluation of oil sludge vermicompost for integrated nutrient management in rain fed wetland rice (<i>Oryza sativa</i> L.): SAMOE, FIAM and Fuzzy TOPSIS approach DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1716	S. Sarkar, S. Ghosh, S. Banerjee and P. Bhattacharyya	148-163
Effect of teflubenzuron 75 g l-1 + alphacypermethrin 75 g l-1 150 SC against fall armyworm (<i>Spodoptera frugiperda</i> S.) in maize DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1717	S. Sen, L. C. Patel and H. Rahaman	164-171
Effect of spacing and fertiliser dose on quality and vase life of statice (<i>Limonium sinuatum</i> Mill.) DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1718	D. R. Karthik, R. Vasantha Kumari and S. M. Kolor	172-176
Extent of adoption behaviour related to improved jute production practices in Murshidabad district of West Bengal DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1719	K. Sarkar and S. P. Lal	177-183
Sugarcane seed crop nutrient dynamics with biofertilisers, trash mulching and chemical fertilizers DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1720	P. Vinayalkshmi, M. M. Luther, M. Bharathlakshmi, C. S. Rao and V. S. Rao	184-194
Effect of different coloured shade nets on growth and quality of ornamental plants DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1721	P. Chakradhar, M. R. Naik, K. S. Lakshmi, Y. Sireesha, V. Umamahesh, P. L. Kumari, and N.V. Kumar	195-201
Beneficial impact of shoot pruning on reproductive and yield characteristics of guava (<i>Psidium guajava</i> L.) in New Alluvial Zone of West Bengal DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1722	S. Dey, T. Bauri, G. Mandi, S. Bhattacharya, P. Datta and S. Datta	202-207
Impact of weed management on yield, uptake and availability of nutrients in direct sown ragi DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1723	Sneha S. R., Sheeja K. Raj, D. Jacob and Shalini Pillai P.	208-215
An economic assessment of conservation agriculture in West Bengal DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1724	R. Chakraborty and S. Chatterjee	216-222

Title	Author	Page No.
Technology assessment of pulses and oilseeds in Eastern India over last decade DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1725	A. Dam and S. Chatterjee	223-238
Short communication		
Efficacy of new herbicide formulation on the growth and yield of maize (<i>Zea mays</i> L.) DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1726	E. Balaji, R. Raman and R. Krishnamoorthy	239-243
Response of potato (<i>Solanum tuberosum</i> L.) to different organic liquid manures in Jharkhand, India DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1727	S. Biswas, S. Kumari and R. Thakur	244-249
Production performance of mungbean (<i>Vigna radiata</i>) as influenced by nutrient management under temperate conditions of Kashmir valley DOI: https://doi.org/10.22271/09746315.2023.v19.i2.1728	Q. A. Aga, M. Attri, F. Aga and K. K. Bansal	250-255