

CONTENT

Title	Author	Page No.
Effect of natural farming on yield performances, soil health and nutrient uptake in wheat + gram inter cropping system in sub-temperate regions of Himachal Pradesh DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1566	R. Choudhary, R. Kumar, G. D. Sharma, R. P. Sharma, N. Rana and P. Dev	1-8
Enhancing profitability and sustainability through increased pulses production in Assam DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1567	B. Gogoi, S. Das, S. Bhagowati, D. C. Nath, N. J. Bordoloi and N. Deka	9-17
Graft take and survival percentage in soft wood grafting of cashew nut (<i>anacardium occidentale</i> L.) using various types of degradable grafting tapes DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1568	R. Praveen, A. Bandyopadhyay and D. K. Ghosh	18-29
Effect of growing condition and harvesting method on essential oil and eugenol contents of tulsi (<i>Ocimum tenuiflorum</i> L.) DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1569	D. George and P. V. Sindhu	30-35
Combined effect of tillage and nutrient management practices on <i>kharif</i> maize (<i>zea mays</i> L.) yield and chlorophyll content DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1570	B. M. Naik, M. Kumar, S. K. Singh, M. Karthika and N. K. Roy	36-42
Influence of integrated nutrient management (inm) practices on performance of <i>boro</i> rice (<i>Oryza sativa</i> L.) in new alluvial zone of West Bengal DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1571	E. Kwami, V. V. S. Jaya Krishna, M. Mahato, M. Dey and D. Dutta	43-50
Organic management of mint (<i>mentha arvensis</i> L.) towards improving productivity and quality DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1572	N. Biswas, N. Chattopadhyay, A. R. Jamir, A. Bandyopadhyay and D. K. Ghosh (LKN)	51-55
Influence of organic foliar application in chickpea (<i>cicer arietinum</i> L.) under rainfed condition DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1573	M. R. Sridhara, R. A. Nandagavi, S. S. Nooli and A. H. Biradar	56-63
Influence of sodium para nitrophenolate 0.3% SL on growth and yield of rice in new Alluvial Zone (NAZ) of West Bengal DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1574	S. K. Das, S. Samui and P. Nandy	64-70
Weed dynamics and yield of soyabean as influenced integrated nutrient and weed management practices DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1575	M. Apon and D. Nongmaithem	71-76

Title	Author	Page No.
Mulching and herbicidal treatment impact on weed growth and performance of low chilling peach under sub-tropical condition DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1576	P. Gupta, D. J. Bhat, P. Bakshi, V. K. Wali, N. Sharma, V. M. Arya, K. K. Sood and A. Jasrotia	77-84
Influences of intercropping on productivity and profitability of greater yam (<i>dioscorea alata</i> L.) DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1577	S. Sunitha, J. Suresh Kumar, J. Sreekumar, M. Nedunchezhiyan, K. Mamatha, P. R. Kamalkumaran, G. Pradnya, D. Ketan and D. Shanker	85-93
Growth, yield and quality of okra (<i>abelmoschus esculentus</i> L. Moench) F ₁ hybrids as influenced by planting time and spacing under Teraiagro-climatic zone of West Bengal DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1578	K. Ghosh and J. C. Jana	94-103
Studies on the intensity of cladode pruning on vegetative and reproductive behaviour of dragon fruit (<i>hylocereus costaricensis</i>) DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1579	M. Alam, Md. A. Hasan, T. Mondal, K. H. Rathod and S. Chhetri	104-110
Evaluation of effect of selected Plant Growth Regulators on morphological traits and seed yield of <i>Fagopyram esculentum</i> Moench of Himachal Region DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1580	K. Jamwal	111-121
Effect of seed priming with various micro-nutrients on seedling parameters of sponge gourd (<i>luffa cylindrica</i>) DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1581	Alpana, A. Dayal, P. K. Rai and S. Nagar	122-125
Influence of plant growth regulators on yield and quality of Mint (<i>mentha arvensis</i> L.) DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1582	U. Singha, N. Chattopadhyay, D. K. Ghosh (LKN) and A. Bandyopadhyay	126-133
Variability assessment of rice genotypes by yield traits in diverse environments of Himachal Pradesh DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1583	A. Dwivedi, S. Sanadya, A. Soharu, P. P. Kumar and D. Basandrai	134-143
Evaluation of cytoplasmic male sterile lines for yield, stigma receptivity and influence of floral traits on the outcrossing rate in rice (<i>oryza sativa</i> L.) DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1584	G. Mahesh, Y. Chandra Mohan, D. S. Naik, S. N. Reddy, L. Krishna and T. Ramesh	144-153
A spectrum of chemical tests in rice varieties identification and classification DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1585	GBN Jyothi and S. Das	154-161
Development of autumn specific silkworm stable breeds and hybrids for temperate climatic condition of Jammu and Kashmir DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1586	Shivkumar, Bharath Kumar N., Kiran R. and Sardar Singh	162-170

Title	Author	Page No.
Gene-gene correlation, path coefficients and the genetic variability of tomato (<i>Solanum lycopersicum</i> L.) genotypes DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1587	B. B. Sahoo, A. Panda, S. K. Mohanty and N. Senapati	171-184
Genetic components of variation of forage yield and attributing traits in sorghum [<i>Sorghum bicolor</i> (L.)] DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1588	P. S. Patel, N. B. Patel, R. A. Gami, R. N. Patel and P. R. Patel	185-190
Comparative analysis of genotype x environment interaction for wheat genotypes by AMMI and BULP for Peninsular zone DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1589	A. Verma and G. P. Singh	191-199
Effect of seed priming treatments along with micropot techniques for quality seed production in sunflower (<i>helianthus annuus</i> L.) DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1590	P. K. Ghosh and A. Dutta	200-206
Evaluation of tuberose (<i>polianthes tuberosa</i> L.) diversity using multivariate analysis DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1591	M. Kaur, B. S. Beniwal, Antim and A. Verma	207-215
Correlation and path analysis in rice (<i>oryza sativa</i> L.) Shankar, CMS lines DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1592	K. Krishna, Y. C. Mohan, V. G. G. Parimala and L. Krishna	216-221
Genetic divergence in root system architecture of tomato genotypes at vegetative stage DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1593	B. Priyadarshini, S. Das, S. Sarkar, A. Mohanty, S. K. Dash and A. Patnaik	222-229
Effect of seed treatments and storing period on physiological and biochemical parameters of tomato during storage DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1594	J. Ray and S. K. Bordolui	230-239
Soil borne disease dynamics on lentil (<i>lens culinaris</i>) and their correlation with weather factors under Conservation Agriculture DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1595	A. Majumdar, S. Mahapatra, T. Biswas and S. Das	240-247
Investigation of BmNPV infection on physiological and biochemical parameters of <i>Bombyx mori</i> administrated with botanicals DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1596	D. Elumalai, G. Thaiyalnayagi and B. Poovizhiraja	248-252
Efficacy of some promising neonicotinoids against <i>scirtothrips dorsalis</i> Hood infesting chilli, their impact on the important natural enemies and economic benefits in West Bengal DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1597	P. Rai and P. K. Sarkar	253-258

Title	Author	Page No.
A study on growth and performance of Primary Agricultural Cooperative Credit Societies of West Bengal DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1598	S. Sarkar, S. Ghosh and B. K. Bera	259-266
Constraints of inland fish production and marketing in Northern Dry Zone of Karnataka: A descriptive study DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1599	B. Mohan Uday Raj, M. Y. Teggi, Kalla Ashok and Ch. Ramya Sri	267-271
An assessment of marketable and marketed surplus of major foodgrains of Nadia district of West Bengal DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1600	M. Mondal, A. Jha Chakraborty and B. K. Bera	272-279
Influence of growing conditions and date of planting and on the yield and quality of stevia (<i>stevia rebaudiana bertonii</i>) DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1601	S. Suhas, P. V. Sindhu, C. Beena M. V. Menon	280-283
Management of N levels and time of cut in <i>rabi</i> forage oat (<i>avena sativa</i> L.) DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1602	G. N. Patel, T. V. Reddy and B. R. Patel	284-292
Effect of integrated nutrient management on weed in sorghum + pearl millet cropping system DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1603	Sandeep and Jitender	293-296
Integrated weed management in wheat (<i>Triticum aestivum</i> L.) DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1604	S. Shaharukh, S. U. Pawar , V. B. Awasarmal and Mirza I.A.B.	297-300
The effect of herbicide carriers on weed characteristics and the yield of rice under transplanted condition DOI: https://doi.org/10.22271/09746315.2022.v18.i2.1605	A. Chandran and R. Krishnan	301-306
Silicate fertilizer induced resistance to rice yellow stem borer, <i>scirpophaga incertulas</i> (Walker) (Lepidoptera: Pyralidae) DOI :	S. Panda, H. Raghunandan and I. O. P. Mishra	307-311
Economic impact of integrated farming systems on small and marginal farm households in lower gangetic plains of West Bengal, India DOI :	A. Biswas and S. Chatterjee	312-320