AGRICULTURE UPDATE



- RNI: UPENG/2006/16372
- VOLUME 8 ISSUE 1&2 February & May, 2013
- ISSN: 0973-1520
- ONLINE ISSN: 0976-9847

AN OFFICIAL JOURNAL OF THE HIND AGRI-HORTICULTURAL SOCIETY

Accredited by NAAS

An International Refereed Research Journal

Available online at :

www.cabi.org www.connectjournals.com

THIS JOURNAL IS THE COLLECTION OF BASIC AND APPLIED RESEARCH IN ALL DISCIPLINE OF EXTENSION EDUCATION AND RURAL DEVELOPMENT



HIND AGRICULTURAL RESEARCH AND TRAINING INSTITUTE

In association with: HIND AGRI-HORTICULTURAL SOCIETY (REGD.)

MUZAFFARNAGAR-251 001 (U.P.) INDIA

Website: www.hindagrihorticulturalsociety.co.in







Agriculture Update Volume 8 | Issue 1 & 2 | February & May, 2013



CONTENT

AN OFFICIAL JOURNAL OF THE HIND AGRI-HORTICULTURAL SOCIETY

RESEARCH ARTICLE

Impact of agricultural technology management agency (ATMA) on socio-economic status of tribal farmers BHEDU PRASAD SAHU, M.K. CHATURVEDI AND KEDAR NATH YADAW
Credibility usefulness and utilization of communication sources and channels as perceived by wheat growers P. SINGH, J.P. LAKHERA AND H.O. SHARMA
Training needs of cotton farmers on organic cotton production technologies in Andhra Pradesh P. PRASHANTH, M. JAGAN MOHAN REDDY AND I. SREENIVASA RAO
A study on personal profile and information sources used by the farmers in production of organic jaggery K.V. GURAV AND U.D. JAGDALE
Constraints faced by the farmers in adoption of cowpea production technology in arid zone of Rajasthan P. SINGH, J.P. LAKHERA, K.C. SHARMA AND B.S. MITHARWAL
Scientific rationalization of indigenous technology knowledge on nutrient management in lateritic soils of Palakkad district in Kerala P. RAJESH, F.M.H. KALEEL AND V. THULASI
Attitude of farmers towards KVK training programmes and their impact NEERJA SHARMA, R.K. ARORA AND SANJAY KHER 31
Constraints faced by the dal mill owners in Marathwada region of Maharashtra state K.D. BHAGWAT AND R.D. SHELKE
Societal paradox about coriander production technology by the coriander growers SANDIP KUMBHANI, KIRAN CHANDRAVADIA AND HIREN PATEL 38
Watershed based front line demonstration is a path of prosperity to Bundelkhand farm families R.A. SINGH, V.K. SHARMA AND S.B. PAL
Content and coverage of Home Science articles in hindi newspaper 'Sangini' (Dainik Jagran) SEEMAPRAKALPA AND NEETU SINGH
Management of pea powdery mildew (<i>Erysiphe polygoni</i>) by botanicals G.P. JAGTAP, P.V. KHALIKAR AND UTPAL DEY48

To develop a standardized scale for measuring the attitude of beneficiary farmers towards drip irrigation technolo	
H.S. BUNKER, HANUMAN LALAND H.L. VERMA	52
Self-help groups - A tool for empowerment of rural women SEEMA JASUJA, D.S.BHATI AND J.R.VERMA	56
Market-led extension for empowerment of farmers	
K.C. SHINOGI, JAYASREE KRISHNANKUTTY AND F.M.H. KALEEL	61
Constraints in production and marketing of soybean A.N. DESHMUKH AND S.J. DESHMUKH	64
Technological needs of women of Tripura in dairying	
DIPAK NATH, PIJUSH KANTI BISWAS AND AMIT NATH	67
Constraints in adoption biological pest management practices in cotton in Vidarbha region M.D. BHALEKAR, V.N. SIDAM, S.P. BONDARWAD AND A.S. LAD	70
Brand preference of farmers and dealers towards drip irrigations systems in Erode district of Tamil Nadu S. PRAVEENA AND K. KUMARESH	73
Influence of SHGs on better market access for small holder farmers ■ K.C. SHINOGI, JAYASREE KRISHNANKUTTY AND F.M.H. KALEEL	80
Attitude of guardian of higher secondary school students towards agricultural education J.M. DESHMUKH, A.V. SHINDE AND A.M. KSHATRIYA	84
Role of Krishi Vigyan Kendra in the intensification of sunflower AFZALAHMAD, UPASANA SINGH AND GURU PREM	89
Constraints of mothbean production technology in arid region of Rajasthan B.S. BADHALA AND L.S. BARETH	93
Knowledge of women tea plantation workers of Assam on nutrition, health and hygiene ■ JOGO TIMUNG, JULIANA SARMAH AND MANJU DUTTA DAS	98
Intra-regional disparities in the agricultural development of Kerala K.C. AYYOOB, M. KRISHNADAS AND F.M.H. KALEEL	
Knowledge and attitude of tribal farmers of Valsad district towards soil testing	103
L.T. KAPUR, A.R. PATEL AND R.F. THAKOR	107
Socio-economic correlation with extent of adoption of indigenous tribal agricultural practices P. VENKATESAN AND M. SUNDARAMARI	110
Knowledge of recommended grape cultivation practices by the grape growers B.M. THOMBRE, R.S. ATAR AND D.D. SURADKAR	115
Relationship of extent of adoption and socio-personal and psychological variables of IVLP beneficiaries B.A. BHAT AND HAKIM SHABIR AHMAD	
	119

Market arrivals and prices of pigeonpea in Marathwada region (M.S.) A.P. THOMBRE AND S.S. MORE	122
Disposal pattern and major constraints of mushroom production in Jorhat district of Assam TRISHNALEE SAIKIA, HORINDRA GOGOI AND J.P. HAZARIKA	125
Perception of women about activities of Adarsh Gaon Yojana J.P. WALKE, J.M. DESHMUKH AND P.P. KHARADE	129
Adoption behaviour of farmers about recommended technology of soybean ASHISH KUMAR AND M.K. RATHOD	134
Constraints percived and suggestion offered in adoption of coriander production technology SANDIP KUMBHANI, KIRAN CHANDRAVADIA AND HIREN PATEL	138
Constraints in adoption of transplanting method of redgram cultivation S.H. RAMAKRISHNA, S.S. HOSAKOTI, J.S. BINKADAKATTI AND S.K. METI	141
A study on job satisfaction regarding Panchayati Raj system among government officials and elected representatives ANANT KUMAR, BRIJ VIKASH, INDU, PHOOL KUMARI AND R.P. SRIVASTAVA	144
Export performance of Indian marine products to major export market regions JAMES DAVID, V.N. NAYAK AND R. BHATTA	147
Strategy for effective functioning of dairy co-operative societies in central eastern part of Rajasthan H. CHAUDHARY, J.S. PANWARAND B.S. BADHALA	153
Knowledge and extent of adoption of farmers regarding recommended agricultural technologies transmitted by KVK DHANESHWAR SAI, B.B. PATEL AND LEKH RAM VERMA	156
Constraints faced by women member of Gram Panchayat J.M. DESHMUKH, A.M. KSHATRIYA AND A.V. SHINDE	160
Extent of knowledge level of farmers regarding Bt cotton production technology M.V. BHARAMAGOUDAR AND G.N. MARADDI	163
Motivational sources and factors of women entrepreneurs in Agra district SEEMAPRAKALPA	168
Impact of front line demonstration of oilseed crops in transfer of improved technology in India A. MANU PARMAR, BERJESH AJRAWAT AND MAHITAL JAMWAL	174
Constraints in adoption of marigold production technology H.K. VERMA, B.M. PATEL, J.K.PATEL AND PRADEEP YADAV	177
Evaluation of front line demonstrations of the average yield of mustard in Anand, Gujarat GIRISH DESHMUKH, H.B. PATEL, NETRAVATHI G. AND KRUNALD. GULKARI	180
An economic analysis of papain production under contract farming in Western Zone of Tamil Nadu M. UMAMAGESWARI, MAHIN SHARIF AND LAXMI RANI DUBEY	183

Differences in UG students perception on usefulness of curriculum in a State Agriculture University G. PALLAVI, K. VENKATA RANGA NAIKA AND R. GOLYA NAIK 188
Analysis of factors determining supply of and demand for animal energy use in crop production P.S. PRASANNA KUMAR, SACHIN HUNDRE, P.S. RANJITH KUMAR AND L.B. HUGUR 191
Adoption behaviour of recommended cauliflower production technology by the cauliflower growers MUKESH SONI, K.K. SHRIVASTAVA AND LEKH RAM VERMA 197
Study on the profile of awardee farmers in North Karnataka RAJASHEKHAR T. BASANAYAK AND L. MANJUNATH
SWOT analysis of an entrepreneurial venture set up by entrepreneurs in Agra Nagar Nigam SEEMAPRAKALPA
Analysis of constraints and suggestions of marginal farmers and landless labourers towards livelihood security in rainfed areas SUNILKUMAR GOUDA, G.N. MARADDI, NAGESH AND H.S. SATISH
Effect of integrated nutrient management and planting geometry on root parameter and nutrient uptake of aerobic rice V. PARAMESH, C.J. SRIDHARA AND K.S. SHASHIDHAR 217
Extent of adoption of crop and vegetable based technological interventions of IVLP programme B.A. BHAT AND HAKIM SHABIR AHMAD 221
Involvement of farm women in planning and execution of self-help groups programmes ■ MANJU DEVI SIVASIYA, N.K.SHARMA AND H.S. BUNKAR 224
Analysis of technological gaps and constraints of Bidi tobacco growers in cultivation SANTOSH SWAMI, NAGESH, G.N. MARADDI AND S.G. ASKI
Impact of training on change in attitude of trainees towards improved rice production technology ■ M.N. ANSARI
Performance of front line demonstrations on maize in Udaipur district R.S. RATHORE, P.P. JANI AND G.S. JAITAWAT234
Resource productivity and resource use efficiency in maize production G.P. GAIKWAD AND R.B. CHANGULE
Resource productivity and resource use efficiency in custard apple production B.R. PAWAR AND Y.R. HARAL
Ascertain the role of awardee farmers in diffusion of technology and identifying the factors contributing for the effective performance of awardee farmers
RAJASHEKHAR T. BASANAYAK, L. MANJUNATH AND V.S. YADAV244
Impact of training programme on socio-economic status and knowledge of trainees of Kathua district in India BERJESH AJRAWAT, A. MANU PARMAR AND MAHITAL JAMWAL 249
Scale to measure the impact of sericulture production technology on the socio-biography of the beneficiaries

Training needs assessment of marigold growers H.K. VERMA, B.M. PATEL, J.K. PATEL AND KRUNAL D. GULKARI	257
Validation and assessment of economic impact of agro advisories issue sbased on medium range weather forecast for Dharv district of Karnataka	
U.V. MUMMIGATTI, N.E. NAVEEN, P. THIMME GOWDA AND U.K. HULIHALLI	260
Adoption of recommended pacakage of practices of sweet orange growers C.N. BHANDARE, V.B. KAMBLE AND V.N. SIDAM	265
An analysis of farmer's opinion and their adaptation behavior to climate change in Bidar district RAJASHEKHAR T. BASANAYAK, L. MANJUNATH AND V.S. YADAV	271
Performance of result demonstration on impact of facilitation in training U. BARMAN AND B. KUMAR	274
Study the profile and knowledge of the sericulturists about sericulture production technologies S.B. TODMAL, P.G. KHALACHE, J.H. GAIKWAD AND R.M. JADHAV	278
Impact of front line demonstrations on groundnut production technology in Guntur district of A.P. N.V. RAGHAVA AND PARISA PUNNA RAO	283
Scale development to measure the attitude of beneficiaries towards National Horticulture Mission GULKARI KRUNAL, G. NETHRAVATI AND V.T. ONIMA	291
Impact evaluation of front line demonstrations on Indian mustard in Anand, Gujarat GIRISH DESHMUKH, H.B. PATEL, G. NETRAVATHI AND KRUNAL D. GULKARI	295
An analysis of promotional strategies of popular brands of wine in Bengaluru city, Karnataka K.A. POONACHA, P.K. MANDANNA, S. KUMAR AND NATARAJ PATTED	299
Value chain analysis of maize in Davanagere ■ G. RANGANATH, P.K. MANDANNA AND S. KUMAR	303
Economics of production and marketing of groundnut in block Behandar in district Hardoi (U.P.) KESHAV PRASAD, DEEPANSHU PATEL AND BALWANT SINGH SACHAN	307
A CASE STUDY	
Rural entrepreneurship development through agro processing P.H. BAKANE, P.A. BORKAR, M.B. KHEDKAR AND M.M. DANGE	314
Research Note	
Effectiveness of different communication channels used by grape growers	317