



Extension Models of Agri-entrepreneurship

Three days International Conference on “Agricultural Extension and Advisory Services: Innovation to Impact” organized during February 12th to 14th , 2019 at National Institute of Agricultural Extension Management (MANAGE), Hyderabad. Total 5 countries participated and 15 Delegates were from Michigan State University (MSU) - Extension section, USA. A total of 73 delegates, 12 resources persons and 17 MANAGE faculties participated in the conference In panel discussion on “Entrepreneurship through Market-Linked Extension: Incubating Innovations in Agriculture” nine agripreneurs were invited from Telangana, Andhra Pradesh, Tamil Nadu, West Bengal and Uttar Pradesh States. All Agripreneurs briefed about their extension services and entrepreneurship. MANAGE has organized a small exhibition to showcase the products/services delivering by Agripreneurs. Palm Tree Climber, Essentials Oils, Exportable Culinary herbs, Gherkins, Spirulina, Organic vegetables etc. were the attraction of the exhibition.

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Mrs. Vasudha Mishra, IAS, Additional Secretary, GoI, DAC&FW, MoA&FW interacting with Agripreneur

Delegates took the insight on extension models developed by Agripreneurs to extend the timely agri-advisory services. Delegates visited the stalls and appreciated the concept of ‘Extension through Entrepreneurship’ which is the major goal of Agri-Clinics and Agri-Business Centers (AC&ABC) Scheme.

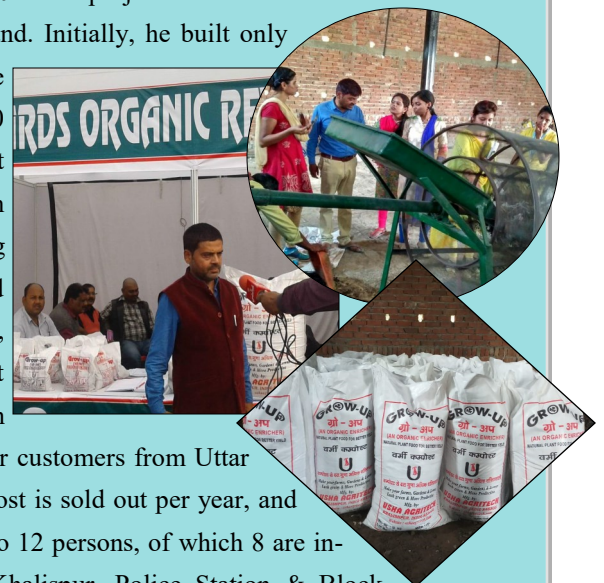
KRUSHIK: Showcasing the frontier agri-technologies:

Krishi Vigyan Kendra, Baramati is a district level Farm Science Center established on 1st August 1992 under the affiliation of Indian Council of Agricultural Research (ICAR), New Delhi at Agricultural Development Trust Baramati District, Pune. KVK Baramati is a Model, Hi-tech & National Award winning KVK of India working for the farming community since 24 years for the development of sustainable agriculture. The aim of Krishi Vigyan Kendra is to reduce the time lag between generation of technology at the research institutions and its transfer to the farmer's field for increasing production, productivity and income from the agriculture and allied sectors on a sustained basis. The Agricultural Development Trust's Krishi Vigyan Kendra (KVK) organized India's Biggest Live Demo & Agri Expo KRUSHIK January 2019. With a motivation to put up a better show, more for 'KRUSHIK' with an even more extensive profile of exhibitors from the entire value chain of the agricultural sector i.e. farming, processing, preserving, quality management, distribution & also Insurance services, from all over the country participated in this 4-day Exhibition spread over 110 acres. Over 400 companies both from India and abroad showcased their Agricultural Technologies & inputs. Agripreneurs trained under Agri-Clinics and Agri-Business Centers (AC&ABC) Scheme participated and shared on good collection and business networking. Since 2004, KVK, Babhaleshwar is collaborating with MANAGE, Hyderabad for implementation of AC&ABC Scheme. A total of 25 programs were completed, 711 candidates have been trained and 389 agri-ventures have been established thus achieving the success rate 54.71%. Contact: <http://www.kvkbaramati.com>



2019 during 17-20
than three lakh visitors

“Worms Making Black Gold”: Mr. Jaywant Kumar Singh acquired B.Sc (Agri.) degree in 1995 & subsequently M. Sc. (Agril. Economics) in 1997 from Agra Agriculture University, Agra, India. He has a vast experience of 12 years in Research, Production, Field inspection, Sales & Marketing of organic fertilizer. During this period, he came across the entrepreneurial skill development program under Agri-Clinics and Agri-Business Centres (AC&ABC) Scheme. He approached SRISTI Foundation, which is one of the nodal training institutes identified under the scheme in Patna, Bihar. During a discussion with the Nodal Officer, he was awe-struck by the credit support under the scheme. Mr. Jaywant quit his job and joined the training with an intention to start a venture in vermicomposting. He prepared an in-depth DPR for a Rs. 20/- lakh project and submitted to the bank. Subsequently, he started construction of vermicomposting bed in his 1.5 acres of land. Initially, he built only three vermicomposting beds of 10x3 feet width with 1 feet height using moisture absorbing bricks in a shaded area. The vermicomposting beds were filled with 10 quintals of dung and 8 kg of Eisenia foetida species of earthworm added. He got 9.5 quintal of vermi-compost, 12 kg of earthworm in a period of 2.5 months from one bed. Thus, from all the beds he got 26 quintals of vermi-compost and 68 kg of earthworm which he sold @ Rs. 5/kg and Rs. 200/kg respectively. He earned Rs. 50,000/- from this enterprise which was started after his first trial. At present, 170 beds with dimension of 42 feet length x3 feet width with 1.5 to 2 feet height were built. Mr. Jaywant says, in winter season the vermi-compost is ready within 45 days but in Summer its takes 90 days. Nearly 25000 farmers are his regular customers from Uttar Pradesh, Jharkhand, Odisha, Assam and Nepal. About 4000 ton of vermi-compost is sold out per year, and his annual turnover has crossed Rs. 50/- lakh. Employment has been extended to 12 persons, of which 8 are involved in production and 4 in marketing. Mr. Jaywant Kumar, Khata A/T Khalispur, Police Station & Block, Samastipur, Bihar, India, jkagri@rediffmail.com, +91 9934257875, 9304901841, <http://www.ushaagritech.co.in>



“The statistic of 200 cows: Milking money of Rs.2.00 Cr.”

“I do not belong to a business-oriented family, I am just a veterinary graduate with a farming background; dairy made me a successful entrepreneur” says Dr. Jakir Hussain (48) from Bongaigaon, Assam. As Dr. Hussain says, “Being a Veterinary graduate, I had opened a Vet-clinic for vet services. I had small dairy with a herd size of 4 cows. Life was sailing smoothly. However, once I saw the call of advertisement on entrepreneurship development program under Govt. sponsored Agri-Clinics and Agri-Business Centers Scheme in the local newspaper I approached the nodal officer and was motivated by the credit support of the scheme. I thought the credit support would help me to expand my business, so I joined the two month training program at Indian Society of Agribusiness Professionals (ISAP), Guwahati, Assam. I prepared a detailed project report for Rs.20/- lakh and submitted to the bank. Subsidy helped me to expand my business. At most J. N. Dairy is spread over 10 acres of land at Bongaigaon village surrounded by breathtaking sights of beautiful mountains and vast green pastures. The herd size is 200 cows. The farm is equipped with the finest international technology for feeding, milking and processing. The cow breeds include Holstein Friesian, Jersey, Lakhimi and few local breed. Each cow on our farm has her own bed, and is kept in perfect condition. Apart from shady green areas to rest and ruminate, they are kept cool with water sprays and fans. Contented cows give better milk. Our cows get a planned, wholesome meal every day. “Total Meal Ration” (TMR) is designed to keep cows at the pinnacle of health, with one purpose in mind - that of production of nutritive, wholesome milk that is naturally full of goodness. This is the success of high milk yield” says Dr. Jakir. The firm has 200 cows and the daily milk production is 2200 litres per day. “We are selling milk in bulk to the nearest hotels and for local vendors we pack the milk in ½ liter sachets. The firm recruited 20 employee and the annual turnover has crossed Rs.2.00 Cr. The firm has become a resource center for the dairy growers. More than 500 farmers from 25 villages have visited the farm and were counselled on hi-tech dairy farming,” says Dr. Jakir. Contact: jndairy02@gmail.com, +91 9435020970



Azadirachtin Controlling Insects Organically : Pest control, as practiced today in most developing countries relies mainly on the use of imported pesticides. This dependence has to be reduced. Unlike chemical insecticides, neem compounds work on the insect's hormonal system, not on the digestive or nervous system and therefore does not lead to development of resistance in future generations. Keeping this in view, Gayatri Agro Industry, has been effortlessly working in manufacturing of Neem based bio-pesticide and counseling farmers on use and application, says Mr. Yogesh Dilip Bhosale (29) a resident of Tisgaon, Ahmednagar and a qualified graduate in Agri-Biotechnology. Mr. Yogesh, soon after completing his studies, joined the Chemical Industry. Day by day, he lost interest in continuing the job. Fortunately, during this period, he came across an advertisement on entrepreneurial skill development training program i.e. Agri-Clinics and Agri-Business Centers (AC&ABC) Scheme being organized at Krishi Vigyan Kendra (K VK), Babhaleshwar in Maharashtra. He got all the details from the newspaper and approached the nodal officer and submitted the DPR, as KVK-Babhaleshwar had invited trainees who had a business idea. He selected and joined two-month residential training program.

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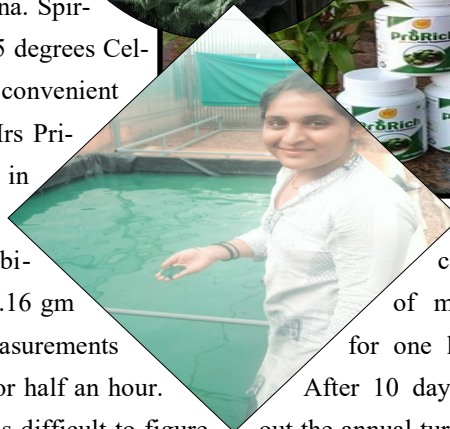
NEM FORCE
(POWDER)

NEM OIL

PROPRIETOR: YOGESH D. BHOSLE
Contact: 940 497 1868 / 942 277 0668
ADDRESS: SURVEY NO: 75, SHRIPUR ROAD, AT/PO:TISGAON, TAL:PATHARDI, DIST:AHMEDNAGAR, STATE:MAHARASHTRA, PIN : 414106

The Central Bank of India, Tisgaon Branch, appraised his project and found it commercially viable for the mentioned location. After getting a loan of Rs. 20/- lakh and with his own capital, Mr.Yogesh established the firm by the name of ‘Gayatri Agro Industry’. The firm is manufacturing neem granules, neem mixture, neem cake and neem oil to apply in soil and foliar spray as well. The promising results have made the firm popular among 1200 farmers from 25 villages. He has recruited 7 permanent persons and his annual turnover has crossed Rs. 1.55 Cr. Contact: Mr. Yogesh. +91 9404971868/ 9422770668 gayatri.agroin@gmail.com

Spirulina: Smart Food for Smart People : Spirulina is a type of blue green algae which represents an important staple diet in humans and has been used as a source of protein and vitamin supplement in humans. Spirulina lacks cellulose cell walls and therefore it can be easily digested. Pigments are used in food and cosmetic industries. Spirulina is considered as an excellent food, lacking toxicity, with anticancer, antiviral, immunological properties and it also acts as a potent antioxidant. These are the benefits mentioned by Mrs. Priyanka Digvijay Patil (26), who has a Masters degree in Food Science and Technology. Prior to her marriage Mrs. Priyanka, from Panhala District Kolhapur, was an Assistant Professor at the College of Sangulwadi, Tal: Vaibhavwadi District, Sindhudurg. After her marriage, instead of sitting idle at home, Mrs. Priyanka shown interest to start her own venture. Fortunately, one day she came across an advertisement on Agri-Clinics and Agri-Business Centers Scheme in the local newspaper. She approached the Nodal officer at Krishna Valley Agricultural Advanced Foundation, Kupwada Sangli for details, and convinced her in-laws to permit her to attend the training program. "Experts' sessions, hands-on-experience, market survey and exposure visits are the major elements of training to motivate for entrepreneurship", says Mrs. Priyanka. With her own investment of Rs. 1.5 lakh, Mrs. Priyanka built a tank and started cultivating spirulina. Spirulina grows well in regions having temperature between 25 and 35 degrees Celsius. Though it can be grown in cement or plastic tanks of any convenient size, it is preferable if the tank size is about 10 x 5x 1.5 feet. Mrs Priyanka detailed the process. About 1000 lts of water must be filled in the tank to a height of about one to two feet. About 1 kg of spirulina should be released into the tank along with 8gm of sodium bisodium chloride, 0.2 gm of urea, 0.5 gm of potassium sulphate, 0.16 gm 0.052 ml of phosphoric acid and 0.05ml of ferrous sulphate (all measurements for one liter of water). The water should be stirred every day for a week using a long stick for half an hour. After 10 days spirulina is ready for harvest. As this is the first year of cultivation of Spirulina, it is difficult to figure out the annual turnover says Mrs. Priyanka; however, in a single month we were able to earn Rs.60,000/- as gross income. After deducting the maintenance and employment for three persons we are able to earn a net profit of Rs. 30,000/- says Mrs. Priyanka Patil, A/P: Housing Colony, Kodaloli, Tal: Panhala Dist: Kolhapur. Pin: 416114, +91 7447621485 priyadpatil20@gmail.com, pfnaturals@gmail.com, Website : www.pfnaturals.com



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www.agriclinics.net is the portal providing information about Agri-Clinics and Agri-Business Centres Scheme. The portal gives updates on eligibility criteria, training institutes, training progress, handholding activities, finance options and subsidy to the prospective Agripreneurs. The website also provides information on details of established Agriventures, pending projects, relevant schemes etc., and other information useful for State governments, Agricultural Universities,

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