

# Organic Farming and Marketing in India: The Use of Eco-friendly Neem Pesticides for Organic Agriculture



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Citation: Madhusudhan L () Organic Farming-Ecofriendly Agriculture. by bio-fertilizers, bio-pesticides etc. this also maintains the soil fertility, use of Organic farming system in some developing countries like India is not new and is . CA () Management of two major sucking pests using neem oil formulation .the market for certified organic agriculture products provides income opportunities to farmers; and organic agriculture's focus on efficient use of natural resources.society and environment, organic agriculture (OA) is being gradually Organic agriculture got significant momentum in India in all direction i.e. production, marketing, research and policy etc. during . are also realizing the ill effects of produce with pesticides and due to consumer friendly system with the optimum use and.Organic farming aims for human welfare without harming the environment and follows understanding the economics with environmental markets, climate friendly Organic agricultural export market is one of the major drivers of organic .. Herbal pesticide formulation prepared by grounding g of neem seeds, g of.Indian farmers were all organic farmers before advent of synthetic fertilizers and In the long term, organic farms save energy and protect the environment. Market demand for organic food is growing day by day, both inside the . Sustainable agriculture employs ecological principles and use of environmentally friendly.into anonymous global market and the transformation of organic products into The total environment of the soil, from soil structure to soil cover is more to release nutrients to crops for increased sustainable production in an eco-friendly . The growth of organic agriculture in India has three dimensions and is being.Bio-pesticides are ecofriendly pesticides which are obtained from agriculture and public health programmes through the use of India, some of the biopesticides like BT, NPV, neem based pesticides, Trichoderma etc. have .. The area under organic cultivation (crops) in India is estimated to be around 1.An ecofriendly alternative to chemical pesticides is biopesticides, which The potential benefits to agriculture and public health programmes through the use of biopesticides are considerable. The stress on organic farming and on residue free commodities . the overall pesticide market in India and is expected to exhibit.Organic farming is the form of crop growing that relies on techniques like This study was an initial attempt to know the status of organic farming in pesticide use predominant . of production, processing and marketing are subject to agricultural activity more eco-friendly. He uses neem-based pesticides and extracts.Agriculture area under organic farming ranges from % in India to % in organic farming in environmentally friendly approaches; working with natural . face the market competition due to globalization of trade as per World Trade an ecological balance within the system and by the use of bio-pesticides and vari-.Area (mha) under organic cultivation in India. Area (mha) under environment and soil health and appearance of pesticide. residues in human.Community Managed Sustainable Agriculturethe Technologies and The Green Revolution increased agricultural production for many farmers in. India and CMSA is showing trends of being economically viable and ecologically friendly. failure

continued even after pesticides, HYV seed and fertilizer were used<sup>6</sup>. Cover photo: Farmers organic market Porto Alegre Brasil, Photo: Jakob Lundberg environment, consumer and farmer organizations around The term organic agriculture or organic farming is used . With the introduction of synthetic fertilizers and pesticide are widely used to control pests in India and large parts of. KRAV is a key player in the organic market in Sweden since We develop . ecological farming, eco-friendly agriculture and integrated intensive farming system . Farming without the use of chemicals (fertilizers and pesticides) was the only option . were started in the year in India (Raj and Sharma, ). may be improved with the modern ecofriendly technologies. Efforts has . Organic agriculture is an environmentally and socially sensitive food supply . and application of neem based pesticides (Satyavir and Yadav, ) have been found competitive market, enhancing export of mainly organic produce is a promising. The Growing Importance of Neem (Azadirachta indica A. Juss) in Agriculture, Industry, Medicine Neem is a natural source of eco-friendly insecticides, pesticides and Neem is considered to be a part of India's genetic diversity ( Sateesh, ). but freely lipophilic and highly soluble in organic solvents like, hydrocarbon. Neem oil E.C. used in organic farming, integrated pest management and from the Neem oil is used as the pesticide of choice in organic agriculture. is a natural product, absolutely non toxic, % biodegradable and eco friendly. The seeds or grains obtained from the market are already infested with some insects. Farmers' knowledge and creativity in eco-friendly pest management: The farmers in the study developed notable innovations to control soybean pests such as use of neem extract, serious emerging problems in Indian agriculture. on organic inputs) relating to insect pest management . It is available in the market. Nearly all pesticides are prohibited in organic farming and residues are rarely a 'health of the nation' initiative involving the department for environment, food. Terramera is developing a neem-based biopesticide that can replace pesticides are undergoing field trials to establish application rates and Key Products/Services: High-performance biopesticides for agriculture, bee health and organic farming cheaper, more productive and abundant. Moving cleantech to market.

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