IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 4, March 2022

Organic Farming of Some Valuable Medicinal Plants

Dr. Swati S. Kharade and Ishrat Mozar, Muskan Hamdule

Assistant Professor Department of Botany and TY Botany Student Anjuman Islam Janjira, Degree College of Science, Murud-Janjira, Raigad, Maharashtra, India

Abstract: The excess use of chemical fertilizers and biopesticides creates various side effects on human body. To overcome this condition people moving towards organic food. In pandemic all over the world high demand on organic medicinal plants has increased. Organic farming increases soil organic carbon, phosphorus content and microbial population of soil. In present study, different organic amendment scan supply the nutrient requirement to selected medicinal plants. Organic farming shows great influence on medicinal plant. Therefore, it helps to farmers who adopted the organic management practice have a way to improve soil quality and capacity for next generation. From this research paper, technical aspects of cultivation of medicinal plants shows safer way for sustainability. By these ways, it helps to improve economic aspects in the agricultural.

Keywords: Organic farming, medicinal plants.

REFERENCES

- [1]. Badalingappanavar R., Hanumanthappa M, Veeranna HK, Kolakar S.2018. and Gajendra Khidrapure. Organic fertilizer management in cultivation of medicinal and aromatic crops: a review. Journal of Pharmacognosy and Phytochemistry; SP3: 126-129
- [2]. Aishwath, O. P. and Tarafdar, J. C. 2007. Role of organic farming in medicinal and aromatic plants. In:"Organic Farming and Sustainable Agriculture" (Eds. Tarafdar et al., 2007). Publisher Scientific Publisher, Jodhpur. pp 157-185
- [3]. Lampkin, N.H. 1990. 'Estimating the impact of widespread conversion to organic farming on land use and physical output in the United Kingdom', in Lampkin, N.H./Padel, S. (ed.) Economics of Organic Farming. UK: CAB International.
- [4]. Anonymous. 2004 a. Research achievements: Safed musli (Chlorophytum borivilianum). In: Annual report 2003-2004, National Research Centre for Medicinal and Aromatic Plants, Boriavi, Anand, Gujarat. pp. 31-32.
- [5]. Anonymous (2004b). Agricultural Statistics at a glance. Directorate of Economics and Statistics, Ministry of Agriculture and Co-operation, Government of India.
- [6]. Aishwath, O.P., Chandra, R., Kumar, D. and Jha. B.K. (2003). Influence of farmyard manure on yield, nutrient content and uptake by Chlorophytum borivilianum (Safed musli). In: Proceeding of National Seminar on Developments in soil science, from 4-8 Nov. 2003 at C.S.A.U. Agriculture and Technology, Kanpur. pp. 135.
- [7]. Neuerburg, W. and Padel, S. (1992). Organic biologischer I and bau in der Praxix. BIV Verlag, Munich.
- [8]. Rajeswara Rao, B.R. and Rajput, D.K. (2005). Organic farming in medicinal and aromatic plants. In: Compilation note of winter school on organic farming A step towards Eco-farming for sustainable agriculture, July 4-24, 2005, held at Dept. Agron., College of Agri. ANGRAU, Hyderabad, India. pp. 66-77.
- [9]. Watson CA, Walker RL, Stockdale EA. 2008. Research in organic production systems past, present and future. Journal of Agricultural Science. 2008; 146:1-19.
- [10]. Trisilawati O., Rizal M. and E. Pribadi.2019.1st International Conference on Sustainable Plantation (1st ICSP 2019).IOP Conf. Series: Earth and Environmental Science 418 (2020) 012077.
- [11]. Hanna Blum, Gudrun Fausten, Eva Nega, Marga Jahn, Ute Gärber and Ina Aedtner.Improvement of seed quality of medicinal plants and herbs in organic farming. Department of Horticulture, Medicinal Plant and Herbs, D-53474 Bad Neuenahr-Ahrweiler (hanna.blum@dlr.rlp.de).

DOI: 10.48175/IJARSCT-3413

IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

DOI: 10.48175/IJARSCT-3413

Volume 2, Issue 4, March 2022

[12]. Victoria, A. and Mariaselvam, P.2004.Organic farming of medicinal plants and alternative marketing. Book chapter; Conference paper: 6th IFOAM-Asia Scientific Conference, Yangpyung, Korea, 7-11 September, 2004: "Benign environment and safe food" 2004 pp.445-457