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Precision Farming: The Technology for Future floriculture industry.

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ABSTRACT

Floriculture is a crop intensive farming of agriculture. It requires more novelty limited land and drastic output, precision farming may find a remarkable position in floricultural farming. Precision Farming or Precision Agriculture is generally defined as information and technology based farm management system to identify, analyse and manage spatial and temporal variability within fields for optimum productivity and profitability, sustainability and protection of the land resource by minimizing the production costs and environmental degradation. Precision farming is an approach where inputs are applied and utilised in precise amounts to get optimum yields as compared to traditional cultivation techniques/farming. Hence it is a comprehensive system designed to optimize production by using a key elements of information, technology, and management, so as to increase production efficiency, improve product quality, efficiency of crop chemical use, conserve energy and protect environment. The precision farming developments of today can provide the technology for the environment friendly floriculture of tomorrow. Especially in the case of small farmers in developing countries, precision farming holds the promise of substantial yield improvement per unit area with minimal external input use. The use of inputs based on the right quantity, at the right time, and in the right place. This type of management is commonly known as "Site-Specific Management". All-together, market-based global competition in floricultural is challenging economic viability of the traditional farming systems, and requires the development of new and dynamic/versatile production systems. In conclusion, precision farming finds great adaptability and utility in floriculture, as the produce is not having direct contact with inmates, thus may broaden its scope of adaptation.

Keywords: Crop management, floriculture, precision farming, technology, site-specific management.