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Precision Farming in Horticulture

By Jitendra Singh, S.K. Jain, L.K. Dashora, B.S. Chundawat

New India Publishing Agency, 2013. Hardcover. Book Condition: New. Climatic variations often tend to have adverse effect on the yield and production of crops. Efforts have, therefore, been on for harnessing this natural resource through artificial means for increasing crop productivity. One such technology is protected cultivation. This technique is well adopted in Europe and USA and now China and Japan are leading in controlled sphere production of horticultural crops. In India, the technology is making breakthrough in Karnataka and Maharashtra in protected cultivation of pepper, tomato, cucumber, muskmelon, baby corn etc. Precision farming is defined as the cultivation by adopting technologies which give maximum precision in production of a superior crop with a desired yield levels and quality at competitive production. These include use of genetically modified crop varieties, micropropagation, integrated nutrient, water and pest managements, protected cultivation, organic farming, hi-tech horticulture, and post harvest technology. Post-harvest sector needs lot of precision. Peels, rags, etc. go waste. Many times, peels being rich in polyphenols, colouring pigment, nutrients etc are richer in antioxidant than what we actually eat. Here, we need precision. Precision in management, precision in product diversification, precision in value addition are much sought after aspect. Contents Foreword...



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