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Information system for arid fruit crops

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National horticultural production on a sustainable basis depends on judicious use of national resources like soil, water, and crop/plant genetic resources with an acceptable technology management. Over the years huge amount of information on arid fruit crops has been collected by various researchers. However, the information regarding fruit crop varieties developed, pest, diseases management, etc. generated from various studies by different researchers is scattered and need to be consolidated. With this intention an attempt has been made to develop software using MS-Access as back-end and asp pages and html pages as front-end to provide easy interaction with database. This System integrates the accumulated expertise of various disciplines such as pathology, entomology, horticulture, into a frame work that best addresses the specific problems and on-site needs of the farmers. It combines experimental and conventional knowledge with reasoning skills of specialists to help farmers in making best decisions for raising a successful crop. The fruit crops chosen for the Information System are Aonla, Ber, Bael, pomegranate and Date palm. The Information System has 5 modules, one each for each fruit crop. Each module further divided into 3 sections, such as 1.Production Management. 2. Statistics of the fruit crops information. It has also provision to update the information of fruit crops. The main advantage of this system is not only the easy access to the information required for sustainable horticultural production and help in decision making in the absence of an expert.

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