Unibase

A Perfect Tool for Breeders and Germplasm inventory

Create your instant database for any type of Horticultural Crop, Pest, Insect, weeds, animals, birds, chemical inventory, etc.

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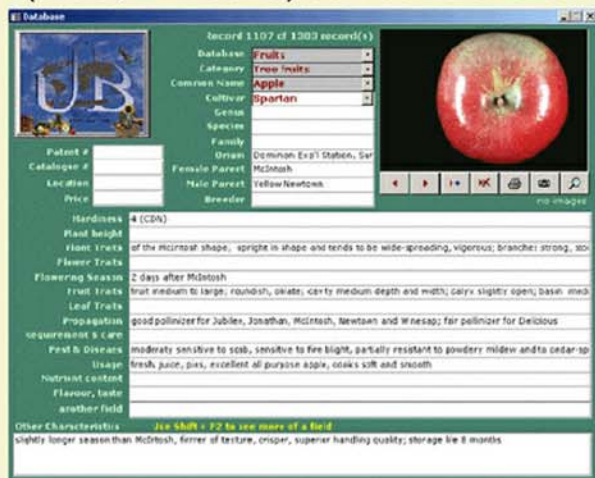
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Unibase ® is a Windows based (95, 98, 2000 or NT) user friendly software package that was developed for those who are interested in creating their own instant database. The program is partly derived from the software package Pedigree, which was developed in 1997. Unibase ® allow0s the user to create one or multiple database by importing existing data and images. Field names can easily be changed to any languages as long as it is installed under the operating system. Images and pedigrees of any horticultural crop can be viewed instantly and password protection can be added to make the database read-only for visitors specially if it is installed on a server. The database can be searched using various criteria and the use of operators such as "and", "or", 'begin with', 'equal to', 'greater than', 'less than', and 'contains' makes the search option very flexible and efficient (Fig). Unibase ® was originally designed to be used with ornamentals, small fruits and fruit trees. Users can view images of trees, shrubs, flowers, etc. along with botanical descriptions of the plants in the images. People who presently use Pedigree (DOS, Windows) can transfer their Pedigree data into Unibase ® and take advantage of the expanded features associated with the new software.

There are no limitations to the number of entries that can be incorporated into a database and to the number of different databases that can be created. An unlimited number of images can be stored for each entry and several graphic formats including BMP, JPEG, GIF, TIFF, etc. can be used. The professional version of Unibase comes with the ability to make a personal database re-distributable (e.g. a personalized logo can be added to the database and it can then be sold to third parties). Unibase ® is very useful for germplasm inventory (fruit crops, vegetables, ornamentals, agronomic crops, weeds, chemicals, insects, pests, animals, etc.) and can be used in any breeding program (animal, horticulture, agronomy, etc.) to trace pedigrees and view images and characteristics of progenies. Unibase is an excellent tool for breeder or those who wish to developed a germplasm inventory.

The CD includes basic information on many Horticultural Fruit crops including: 114 Blueberry; 128 Current; 71 Gooseberry; 330 Raspberry; 1000 strawberry; 2000 Apple; 30 Apple rootstock; 120 Apricot; 90 Cherry; 90 Crab Apple; 600 Peach; 280 Pear; 250 Plum cultivars and 2500 Annuals; 50 Biennials; 100 Broadleaf Evergreen Shrub; 350 flowering bulbs (e.g. Alium and Anemone); 150 conifers trees and shrubs; 140 Deciduous Shrubs; 176 Deciduous tree; 250 Poisoneous plants; 240 Tropical fruits, etc. along with 290 images of strawberry, 2000 images of apple cultivars with some images of selected ornamentals. The program also allows the user to transfer the images from scanners, digital cameras, etc directly into the program.

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