

Honeygold and Red Baron, Two New Hardy Apples from Minnesota*

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Honeygold is being introduced to provide a Golden Delicious type of apple for Minnesota and other northern areas where Golden Delicious is marginally adapted. It resulted from a cross between Golden Delicious and Haralson made in 1935, and was selected as Minn. 1595 in 1947 by W. H. Alderman.

Honeygold ripens during Haralson season at the Horticulture Research Center. This apple has consistently rated high in storage and pie evaluations. The flavor resembles Golden Delicious, and both flavor and quality persist well in common storage until the end of January.

Honeygold is susceptible to fire blight and should not be grown where Beacon can not be grown because of this disease.

The fruits are medium to large, golden to yellow-green often with an attractive bronze to red blush. Fruit shape is round-conic and somewhat irregular. Dots are large, corky, and conspicuous, usually triangular or stellate. The stem is long and slender. The cavity is acuminate and the basin is deeply lobed and abrupt. The calyx lobes are recurved and the calyx tube is conical. The stamens are median. The core is median, open, medium size with the core lines clasping. The skin is smooth, thick and tender. The flesh is crisp, yellow, juicy and similar to Golden Delicious in flavor.

Even though Honeygold is susceptible to fireblight its fine dessert and cooking quality, combined with hardiness, should make this apple popular

in northern areas where Golden Delicious is marginal.

Red Baron was selected from progeny of a Golden Delicious by Daniels Red Duchess cross. This is a very attractive cherry red apple which matures in Wealthy season at the Horticultural Research Center. The cross was made in 1926 and it was selected as Minnesota 1500 in 1940 by W. H. Alderman.

Red Baron is a hardy, very attractive and also consistently productive variety with good quality. It should provide an attractive apple for the Wealthy season. It keeps well in common storage until late December, but has been used primarily as a late summer or early fall apple wherein it has been accepted well. It has also

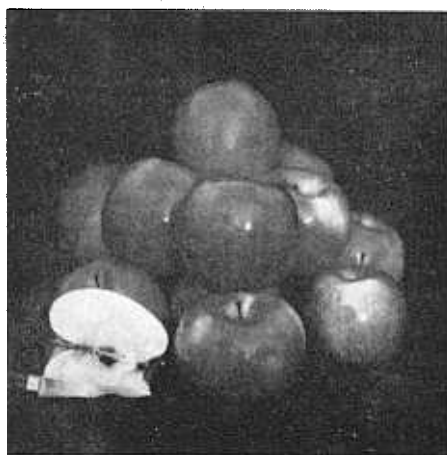


Fig. 1. Red Baron, a hardy attractive dual purpose apple of good quality, which ripens in Wealthy season.

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rated consistently well as a pie and sauce apple.

The tree grows well, has strong limbs and has shown moderate resistance to infection from fireblight, equaling that of Haralson.

The fruits are medium-sized, usually three-quarters to fully colored with bright cherry red washed overcolor and yellow undercolor. Fruit shape is round-truncate and regular. There are many medium-sized round white dots, which are slightly raised. The stem is long and medium thick. The cavity is deep and acute, whereas the basin is deep, wide and abrupt. The calyx lobes are closed and the calyx tube is conical. The stamens are basal. The core is median, closed, medium-sized with corelines clasping. The skin is bright, glossy, medium-thick and tough. The flesh is crisp, juicy, bright and pleasantly acid, and tends to oxidize somewhat when cut.

The attractive fruit, consistent productivity, moderate resistance to fireblight, and season of maturity will make this a valuable addition to our apple varieties.

International Horticultural Congress in Israel

The XVIIIth International Horticultural Congress will take place from March 17 to March 25, 1970 in Tel Aviv, Israel, under the auspices of The International Society of Horticulture and Science. The program will include:

4 general lectures

A pre-congress symposium on Plant Analysis and Fertilizer Problems

Symposia during the Congress (2 days) on Production of Healthy Plants by Therapeutic and Other Methods, and their Maintenance and use.

Symposium on Biological Research in Irrigation Problems.

The main program will consist of 80 sessions. Each session will have an opening lecture by an internationally well known scientist, followed by contributed papers. Each day, 8 concurrent sessions are planned according to the following classification:

Temperate Fruits

Subtropical and Tropical Fruits

Vegetables

Protected cultivation (vegetables & flowers)

Floriculture

Amateur Horticulture & Ornamentals

General

Among other subjects covered—metabolism of ageing and senescence (growth retardants); growth, differentiation and development in subtropical fruit; chemical control of flowering; developments in mutation breeding; water relations in temperate fruit; physiology and genetics of colouring in flowers and fruits; factors affecting quality in vegetables.

On March 21 and 22 field trips will be offered to participants, for various subjects, including a field trip for the wild flora of Israel.

Registration fee, entitling the participant to receive Congress publications, one field trip, and social events—\$25. (Students and accompanying persons—\$10.) Early registration for the Congress, and also for hotel registration is advisable.

Address of Secretariat: Mrs. L. Roman, Ministry of Agriculture, Hakirya-Tel-Aviv, Israel. Also further information, in Congress circular, can be obtained upon request. Papers with summaries not exceeding 300 words can still be contributed to most sessions until November 1 latest. Official languages, English, French.