

Reviews and Abstracts

Evaluation of Color Sports of Red Delicious and Rome Beauty Apples in Delaware. 1961. By V. S. Fisher, Del. Agr. Exp. Station, Misc. Paper No. 383.

This is a preliminary report on a study of 16 color sports of Delicious and 14 sports of Rome Beauty apples. The trees were budded in 1957 on Clark Dwarf, East Malling I and East Malling VII rootstocks, and grown on Norfolk loamy sand at the University of Delaware Substation at Georgetown.

Observations of the fruit were made in 1960 for visible ground color, red color, degree of striping and lenticel size. Records were also kept for taste, soluble solids and firmness of the fruit (using Magness-Taylor Pressure tester) at harvest and during storage.

One year's data with Delicious sports indicated that Topred, Red King, Hi Early, Vance, Royal Red, Imperial, Shotwell and Starkrimson developed the most red color. Red King exhibited an objectionable striped pattern of color. Royal Red and Red King appeared to color and mature early.

The Rome Beauty sports Magnason, Law, Cox and Double Red 262, all colored earlier than Gallia Beauty.



IR-2, A Project with a "Blood Bank" of Virus Disease-Free Fruit Trees. 1962. By P. R. Fridlund, Wash. Agr. Exp. Sta. Circ. 401.

This circular tells about the Inter-regional Research Project (IR-2), directed by the author and supported by state and federal funds. The four main objectives of this project are:

- “1. To assemble all apparently virus-

free selections of desirable species and varieties of deciduous tree fruit stocks (including rootstocks), and, when verified to be free of viruses by accepted indexing procedures, to establish and maintain them in isolated repositories.

2. To establish a research unit designed to study present indexing techniques for virus detection and attempt to develop better or more efficient methods.
3. To study possible methods of eliminating viruses from contaminated stock where clean propagating material is not available.
4. To distribute uniform virus-free propagating materials for cooperating investigators for use in research or for release to the industry.”

The work of the IR-2 project is carried on in two locations. The headquarters, facilities for indexing and research are located at the Irrigation Experiment Station, Prosser, Wash. The plots where virus-free trees are maintained are near Moxee, Wash. Until now only stone fruit clones have been accepted for repository. As soon as more results are available, disease-free pome fruits will also be collected.



Hardy Raspberries

Of all the raspberries observed by John S. Bailey, of University of Massachusetts, the variety Madawaska has consistently come through Massachusetts winters in better shape than any other varieties. The varieties Gatineau and Early Red have also behaved well, and are worthy of further trial in that area.