

## BLIGHT-RESISTANT, QUALITY PEAR FOR OZARKS

Pears of good quality such as Bartlett, Winter Nelis or Bosc are not grown to any extent in Arkansas and other parts of the South because of their susceptibility to fire blight. The pears grown in any abundance at present are the poor quality varieties like Kieffer, Garber, Douglas, and Pineapple.

A high quality variety possessing considerable blight resistance was discovered in 1928 by E. L. Nixon of the Pennsylvania Agricultural Experiment Station. This chance seedling has been named *Richard Peters*. Grafts inserted in 1938 at the Arkansas Experiment Station have grown quite vigorously and produced blossoms and fruit abundantly in 1942 and 1944.

In both 1942 and 1944 much fire-blight developed on Bartlett growing close to the *Richard Peters* trees, while the latter possessed only one small twig that became blighted in 1942. When tender, rapidly growing twigs of *Richard Peters* were artificially inoculated with fire-blight bacteria, all of the twigs became infected but the amount of infection was quite limited and was no greater than on similarly inoculated Kieffer twigs.

Since this variety blooms considerably later than Kieffer or Garber, it has escaped injury from late spring frosts when the blossoms of the latter were mostly killed.

*Richard Peters* is self-sterile. It blooms at about the same time as Lincoln and Douglas which may be used as pollinizers. Lincoln produces fruit of excellent quality and possesses some resistance to fire-

blight. Douglas is highly resistant to blight but the fruit is poor in quality.

The quality of *Richard Peters* is very similar to that of Bartlett, and, because of its blight resistance, it is worthy of trial in Arkansas, particularly in home orchards.

from Science Points the Way

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Arkansas Agricultural Experiment Station

## NEW "ETTER" APPLES

### *Available to Nurseries*

Seven outstanding (patented) varieties developed by California's pioneer apple hybridizer, Albert Etter. Grown and sold by us successfully for three seasons.

**ALASKA**—White.. Good size. Crisp. (October).

**CRIMSON GOLD** — Golden; delicious, melting. Medium size, round (Fall).

**ETTER'S GOLD** — Large. Spritely, mildly sub-acid. Keeps well. (October).

**HUMBOLDT** — Medium size. Creamy flesh, tinted pink. (Late Fall).

**JONWIN** — Jonathan - Baldwin hybrid. Crisp, tender. (Aug.-Sept.)

**PINK PEARL** — Transparent skin, pink flesh. Pungent, fine for sauce. (Sept.)

**WICKSON** — (Crab) Delicious fresh, or for jellies. Heavy bearer. (Fall).

## New Improved Peaches

**NECTAR**—Finest early free.

**FISHER**—Excellent. 6 weeks before Elberta.

**RIO OSO GEM**—The quality leader. Yellow free.

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