FN3504-331 Early GoldRush

A new, crisp, spicy, and large apple variety developed by Purdue University offers natural resistance to the common fungal disease, apple scab, ensuring higher fruit yields and quality.

To ensure the highest quality fruits and maximize fruit yields, it is important to watch for plant diseases and create new plants with disease resistance. One common disease affecting apples is scab, a fungal disease common in areas of high rainfall and relative humidity. Several genes found in apple cultivars show resistance against apple scab. Integrating scab resistance while maintaining taste and yield is a current challenge in developing new apple varieties.

Purdue University researchers have developed a new variety of apple. This new variety is large (typically, around 3 inches), with yellow skin, and a red blush. It is very crisp and has a spicy flavor. It is usually harvested in late September. Scab lesions have not been observed on the leaves or fruit of this new variety.

Advantages:

-Very crisp with good flavor

-Scab lesions have not been observed on the leaves or fruit

TRL: 6

Intellectual Property:

N/A, N/A, N/A

Keywords: Apple variety, scab resistance, disease resistance, crisp apple, spicy flavor, yellow skin, red blush, late-season harvest, fruit yield, fungal disease, Agriculture, Crop Improvements, Horticulture

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