

Scab Resistant Apple Variety - 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:

None

Technology ID

2013-JANI-66554

Category

Agriculture, Nutrition, &
AgTech/Crop Genetics &
Breeding

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