HD2R6T45

Purdue University has developed a new, high-quality apple variety that resists scab disease, ensuring reliable yields and superior crispness and flavor.

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, disease resistance, scab resistant apple, crisp apple, spicy apple, yellow skin apple, red blush, late harvest apple, fruit yield, new apple cultivar, Agriculture, Crop Improvements, Horticulture

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