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Purdue University developed a new, crisp, and spicy apple variety that offers natural resistance to apple scab, reducing crop loss and fungicide needs.

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, fungal disease, high quality fruits, fruit yield, yellow apple, red blush, crisp apple, spicy flavor, late September harvest, Agriculture, Crop Improvements, Horticulture

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