

Bitter-pit - a physiological disorder of apple fruit

Cooperative Extension Service, College of Agriculture, Washington State University - Fruit Physiological Disorders



Description: -

- Apples -- Diseases and pests

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Tree fruit statistics seriesBitter-pit - a physiological disorder of apple fruit

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Bitterpit control in apples

Rots were identified as being of carpel origin, caused by the pathogenic fungi Alternaria spp and Fusarium spp. Apples produced in the organic system show higher damage caused by postharvest physiological disorders than those of other production systems, indicating that nutritional input should be monitored. These findings are in agreement with results of Martins et al.

Fruit Physiological Disorders

Although Jonathan is the most susceptible cultivar, Wealthy and Rome Beauty are also moderately susceptible to this disorder. Persistent negative effects of pesticides on biodiversity and biological control potential on European farmland.

Apple biological and physiological disorders in the orchard and in postharvest according to production system

This disease consists of one of the main constraints for growing apples in any production system as it directly affects fruit quality besides causing a reduction in its size, premature defoliation, depletion and a poor development of fruit buds.

APPLE BITTER PIT

Purdue is an Affirmative Action Institution. Boron and plant life II.

Cork Spot and Bitter Pit of Apples

Fuji grown in the organic transition system that had a significantly lower incidence of this disease.

Causes & Cures for Bitter Pit on Apples

Some high temperature effects in apples. Physiological diseases of apples like bitter pit substantially impairs the quality and storability of the fruits,

which leads to losses. Figure 1a Bitter pit symptoms on skin surface of an apple after storage.

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