

Fruit Crops

Apple

Bitter Rot (<i>Glomerella</i> sp.)	<u>Symptoms:</u> The disease affects the fruit as it approaches maturity. It forms sunken, more or less soft and watery, pinkish to brown rot spots on the fruit. Late cover sprays are important. The rotted tissue has a bitter taste. <u>Control:</u> Growers following apple spray schedule should obtain limited control of bitter rot.
Blotch (<i>Phyllosticta</i> sp.)	<u>Symptoms:</u> Dark-brown to black blotches with irregular margins on the fruit. Small angular spots on the leaves and cankers on the twigs. <u>Control:</u> See Bitter Rot above.
Rust (<i>Gymnosporangium</i> sp.)	<u>Symptoms:</u> The rust fungus passes part of its life on cedars forming the familiar “cedar apples” and part of its life cycle on apple or crab apple causing rusty spots on the leaves and fruits. Rust can be avoided by eradicating cedar trees within two miles of apples.
Fire Blight (<i>Erwinia</i> sp.)	See Pear for symptoms and control.

Fungicides Labeled for Use in Controlling Apple Diseases

The following products are labeled for control of apple diseases in Louisiana. Follow manufacturer's label and alternate pesticides for most effective results.

Disease	Fungicide	Remarks
Anthracnose Blossom Blast Fire Blight	Fixed Copper (Kocide 2000, Kocide DF, Nu-Cop) Aliette WDG	Follow manufacturer's label. Aliette for suppression of Fire Blight
Phytophthora (Root and Collar Rot)	Ridomil Gold Aliette WDG	Follow manufacturer's label. Follow manufacturer's label.
Rust Scab Early Leaf Spot Sooty Blotch	Maneb 80WP Man-co-Zeb DF	Do not exceed 24 lbs product per year.
Scab Bitter Rot Powdery Mildew Black Rot Sooty Blotch	Topsin-M 70W Thiophanate-methyl-70W	Use higher rates and shorter intervals Under severe disease conditions.
Scab Black Rot Botrytis Rot Bitter Rot Sooty Blotch	Captan 50W Captan 80W Captec 4L	Do not apply within 1 day of harvest. See manufacturer's label.
Rust Powdery Mildew	Nova 40W	Do not apply more than 5 lbs Nova Fungicide per season.
Rust Black Rot Powdery Mildew Sooty Blotch Scab	Sovran Flint 50W	Do not apply within 30 days of harvest. Do not apply as the final spray in the season. 12 hr Restricted-entry interval Do not apply Flint with 14 days of harvest.