

Disease Name	Cause	Symptoms	Control
Panama Wilt (Fusarium Wilt)	Fungus: <i>Fusarium oxysporum</i>	Yellowing, wilting, vascular discoloration	Resistant varieties, soil sanitation
Black Sigatoka	Fungus: <i>Mycosphaerella fijiensis</i>	Dark leaf streaks, reduced yield	Remove infected leaves, fungicides
Banana Bunchy Top Virus (BBTV)	Virus: BBTV (spread by aphids)	Stunted growth, bunched leaves	Use virus-free suckers, aphid control
Banana Xanthomonas Wilt (BXW)	Bacterium: <i>Xanthomonas campestris</i> pv. <i>musacearum</i>	Yellowing, wilting, bacterial ooze	Remove infected plants, sterilize tools
Banana Streak Virus (BSV)	Virus: BSV	Chlorotic streaks on leaves	Use clean planting materials
Cigar End Rot	Fungus: <i>Trachysphaera fructigena</i>	Black, shriveled cigar-like fruit tip	Remove affected fruit, improve drainage
Banana Aphid Infestation	Insect: <i>Pentalonia nigronervosa</i>	Leaf curling, virus spread	Biological control, monitor aphids