



Beech Leaf Disease

What is it? Beech leaf disease (BLD) affects and kills both native and ornamental beech tree species. It is associated with a nematode, *Litylenchus crenatae mccannii*.

Threat: Beech leaf disease can kill mature beech trees in 6-10 years and can kill younger trees even more quickly. It appears that any injury to the tree can accelerate the disease.

Disease Symptoms: Symptoms of this disease are seen in the leaves and include striping, curling, and/or leathery texture. These symptoms may be visible from leaf out in May until leaves fall off in October and are most easily noticed by looking up into the forest canopy. In early infestations, only a few leaves may be affected. Eventually, affected leaves wither, dry, and yellow. Reduced leaf and bud production may also occur. Leaf loss has been recorded only in heavily affected trees, but would be noticeable in summer months. A single tree can contain both heavily infected and unaffected branches.



Recommended Treatment Program: Three combination spray treatments, each three weeks apart.

First Spray Application: ASAP. Soil drench application: Agri-Fos Plus + Regalia.
3 weeks later

Second Spray Application: Foliar Spray: Azatin O + Sevin SL.
3 weeks later

Third Spray Application: Foliar Spray: Regalia + Sevin SL

Treatment Program	Product	Rate
First Application: Soil Drench	Agri-Fos Plus	2 quarts per 100 gallons water
	Regalia	1 quart per 100 gallons water
Second Application: Foliar Spray	Azatin O	2 quarts per 100 gallons water
	Sevin SL	1 quart per 100 gallons water
Third Application: Foliar Spray	Regalia	1 quart per 100 gallons water
	Sevin SL	1 quart per 100 gallons water

PLEASE CONTACT HEATHER DIRECTLY FOR ANY QUESTIONS REGARDING THIS TREATMENT PROGRAM. EMAIL: HEATHERRASO4@GMAIL.COM PHONE: 516-279-8897