

# **Machinery Owner/Operators**

# Help protect kauri

## You can help by

- Have a Earthworks Risk Management Plan
- Cleaning machinery at a depot or yard and transporting to site clean
- Document hygiene practices and planning processes

- Incorporate a management plan for preventing pathogen and disease spread.
- Know the location of kauri forests in your area.
- Ensure operators and staff know procedures.

### **Machinery biosecurity hygiene**

- **Remove all dirt** from tyres and wheels or tracks, mud guards, bucket and other attachments and underside and body and panels.
- Wash, Check and Spray wash dirt off, check all parts are dirt free and spray tyres with disinfectant.
- Arrive Clean and Leave Clean for any off roading activity involving all types of off-road vehicles.

Report sick looking kauri trees to Northland Regional Council

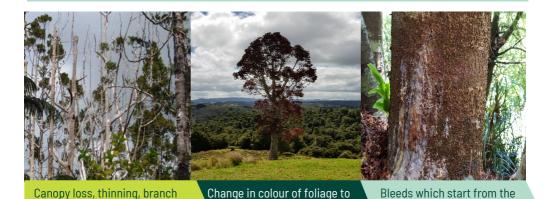
protectkauri@nrc.govt.nz

www.nrc.govt.nz/kauriprotection

Go to <u>www.kauriprotection.co.nz</u> for more info...

#### What do PA (Phytophthora Agathidicida) Infected Kauri Look Like?

Infected trees show a range of symptoms including yellowing of foliage, loss of leaves, canopy thinning, branch dieback and orange/yellow coloured gum from lesions around the base of the tree. These symptoms increase as the tree progresses towards death.





dieback and tree death

WΔSH

Your vehicle to remove dirt

yellow or red-brown

Use air compressor and steam cleaning to blast dirt off including hard to reach places



**CHECK** 

Your vehicle is dirt free

Thoroughly check over your vehicle to ensure all parts mentioned above are free of dirt.



**SPRAY** 

Your tyres with disinfectant

Spray disinfectant mixture of 70% Methylated spirits and 30% water on tyres and mud guards.



base and move up the tree