



Community members learn the 5 steps to prevent the spread of ROD. Now that they understand how ROD can affect 'ōhi'a they choose to share the 5 steps on how to prevent the spread of ROD with their families.

Move 2 Spaces Forward



A school group learns the 5 things they can do to help reduce the spread of Rapid 'Ōhi'a Death. These students believe it is important to protect 'ōhi'a. They encourage their parents to decontaminate their boots, tools, and gear after leaving an area that is known to have ROD.

Move 2 Spaces Forward



Photo by: JB Friday

After learning about Rapid 'Ōhi'a Death you notice some 'ōhi'a trees in your area that have ROD symptoms. You call scientists and let them know that the area may be infected with ROD.

Move 1 Space Forward



Photo by: JB Friday

A scientist collects 'ōhi'a seeds from different 'ōhi'a varieties to grow 'ōhi'a for our future.

Move 2 Spaces Forward

Scenario Cards



Scenario Cards



Scenario Cards



Scenario Cards





A man is flying off island and decides to place his 'ōhiā wreath in the amnesty bin at Hilo International Airport to avoid the risk of spreading ROD.

Move 3 Spaces Forward

HELP PROTECT OUR FORESTS

FROM INVASIVE SPECIES AND DISEASE

BEFORE and AFTER Visit:

ROD posters are put up in Hilo and Kona International Airports to spread awareness to travelers from around the world.

Move 1 Space Forward



NARS workers build decontamination stations for forest users to decontaminate their shoes before and after they hike in the forest. The stations help to prevent the spread of ROD.

Move 1 Space Forward



Photo by: JB Friday

Scientists learn more about the ROD fungus and ways that we can all help reduce its spread.

Move 2 Spaces Forward

Scenario Cards



Scenario Cards



Scenario Cards



Scenario Cards





Photo by: Jack Jeffrey

You spy an 'ī'iwi (honey creeper) sipping nectar from an 'ōhi'a blossom. Protecting our 'ōhi'a also protects all the spectacular organisms that rely on 'ōhi'a for survival.

Move 1 Space Forward



Photo by: JB Friday

TEAM PLAY

'Ōhi'a trees cover more than 1 million acres in the state of Hawai'i, and are perhaps the most important tree in the state. All players who can name a way to prevent the spread of ROD, move 1 space forward. Answers must be different among players.

NEW QUARANTINE RULE

Because this disease could have devastating impacts on Hawai'i's 'ōhi'a forests, and people could accidentally spread it, the Hawai'i Department of Agriculture passed a new quarantine rule that prohibits interisland movement except by permit of all 'ōhi'a plant or plant parts including:

- Logs, wood, leaves, twigs, flowers, seeds, stems, cuttings.

The Hawai'i Department of Agriculture passed a new quarantine rule that restricts the movement of 'ōhi'a plant or plant parts. This quarantine has reduced the amount of 'ōhi'a being transported and reduces the chances of ROD spreading from Hawai'i Island to other islands.

Move 3 Spaces Forward



Before setting off on a hike to Kīlauea, you and your family clean your shoes and gear with 70% rubbing alcohol. This buys time for researchers to find answers and potential treatments for ROD.

Move 2 Spaces Forward

Scenario Cards



Scenario Cards



Scenario Cards



Scenario Cards





Photo by: JB Friday

Scientists look for potential treatments for RØV.

Move 1 Space Forward



Photo by: JB Friday

Forest user chooses to decontaminate his gear before entering and after leaving the forest. This reduces the chance of the area being infected with RØV.

Move 2 Spaces Forward



To help prevent the spread of RØV and to buy time for researchers finding treatments for RØV, you clean all your tools with 70% rubbing alcohol after pruning 'ōhi'a.

Move 2 Spaces Forward



To help reduce the spread of RØV, an ATV rider washes the mud and soil from her ATV with detergent before and after driving through an 'ōhi'a forest.

Move 2 Spaces Forward

Scenario Cards



Scenario Cards



Scenario Cards



Scenario Cards





Some cattle rubbed against the trunks of 'ōhi'a trees creating open wounds. Now that there are wounds for ROD to enter the tree, these 'ōhi'a are prone to infection.

Move back 2 spaces



A hurricane hit the island of Hawai'i causing breakage on 'ōhi'a trees island-wide. This presents a threat to 'ōhi'a because fungal spores can now enter the tree's system through these wounds.

Move back 1 space



Team Play

Each player must name one way to prevent the spread of ROD. Every answer must be different. Move 1 space forward for your answer.



Lei makers get together to pick foliage for their lei. Picking foliage from the 'ōhi'a trees allowed the fungal spores of ROD to enter the tree's system. These 'ōhi'a are now infected and have no chance to survive.

Move back 2 spaces

Scenario Cards



Scenario Cards



Scenario Cards



Scenario Cards





Photo by: JB Friday

Local hunters use an ax on 'ōhi'a to mark a hunting trail in the forest. These wounds allowed ROD fungal spores to enter the 'ōhi'a.

Move back 2 spaces



A Hawai'i Island resident cut 'ōhi'a wood from an area known to have ROD to use as firewood. He uses the same chainsaw to trim the 'ōhi'a around his home. The contaminated chainsaw has now contaminated the healthy 'ōhi'a surrounding his property.

Move back 2 spaces



Photo by: JB Friday

Your chain saw was not cleaned with 70% rubbing alcohol after cutting down some infected 'ōhi'a trees. Your friend borrowed your chain saw and spread ROD to a new area.

Move back 2 spaces



Photo by: JB Friday

The soil from your boots was contaminated with ROD. You did not decontaminate your boots with 70% rubbing alcohol before entering a healthy forest. ROD has now infected and killed hundreds of 'ōhi'a trees.

Move back 4 spaces

Scenario Cards



Scenario Cards



Scenario Cards



Scenario Cards





Photo by: JB Friday

ROD infected 'ōhi'a logs have been illegally sent to Oāhu. The logs are sold all over the island and the ROD spores infect many 'ōhi'a.

Move back 3 spaces



A strong wind storm breaks branches off 'ōhi'a trees on Hawai'i Island, creating wounds where the ROD fungus can enter. These trees are now more susceptible to ROD.

Move back 1 space



You notice that the crown of an 'ōhi'a tree at your home has gone from healthy to yellow to brown in just a few days. You don't send a sample, but the tree is infected with ROD and your neighbor's 'ōhi'a tree ends up getting infected.

Move back 1 space



A hiker forgets to decontaminate his boots before leaving a ROD infected forest. He then hikes through a healthy forest and contaminates it with ROD spores.

Move back 2 spaces

Scenario Cards



Scenario Cards



Scenario Cards



Scenario Cards





A lei maker on Hawai'i Island makes an 'ōhi'a lei and sends it to her tūtū on Kaua'i. She did not know that her lei was contaminated with ROD. ROD now has the potential to kill 'ōhi'a across Kaua'i.

Move back 2 spaces



A local resident uses mulch from a ROD infected area and spreads it around her garden. A few months later she notices the crowns and branches of the 'ōhi'a surrounding her home have turned brown—a symptom of ROD.

Move back 1 space



A vehicle drives through a ROD infected area carrying ROD infected spores on its truck tires. It transports them to a healthy forest. ROD has now infected and killed many 'ōhi'a trees in this area.

Move back 2 spaces



ROD spores stick to the feet of pigs who move around a ROD infected forest. The uninfected 'ōhi'a trees in the forest are more susceptible to being infected with ROD.

Move back 2 spaces

Scenario Cards



Scenario Cards



Scenario Cards



Scenario Cards





Photo by: JB Friday

A local resident trims 'ōhi'a trees around his property using the same tools he used to trim a ROD infected tree. After a few months he sees the crowns of his 'ōhi'a turn yellow then brown— a symptom of ROD.

Move back 3 spaces



Lei makers decontaminate their boots and gear before entering a healthy forest. They collect alternative plants such as 'ōhelo, pūkiawe, and wāwae'iole instead of 'ōhi'a to help prevent the spread of ROD.

Move 2 Spaces Forward



Before setting off on a hike to Kūmauna, you and your family clean your shoes and gear with 70% rubbing alcohol. This buys time for researchers to find answers and potential treatments for ROD.

Move forward 1 space



Wildlife workers make ROD brochures available at forest trail heads to help inform forest users about ROD.

Move 1 Space Forward

Scenario Cards



Scenario Cards



Scenario Cards



Scenario Cards





You decided to store 'ōhi'a for firewood. The 'ōhi'a wood you stored is infected with ROD. This increases the chances of ROD spreading to the 'ōhi'a around your home.

Move back 1 Space



Before and after driving off- road you wash your vehicle's tires and undercarriage with detergent to remove all soil and mud. This reduces the chance of spreading ROD to new areas.

Move 2 Spaces Forward



A team of workers prune the overhang of healthy 'ōhi'a trees. Pruning 'ōhi'a increases the potential for ROD infection.

Move 1 Space Forward



Mauna Kea Forest Restoration Project workers set up decontamination stations at their trail heads to ensure that every precaution has been taken to avoid spreading ROD from one area to another.

Move 1 space Forward

Scenario Cards



Scenario Cards



Scenario Cards



Scenario Cards

