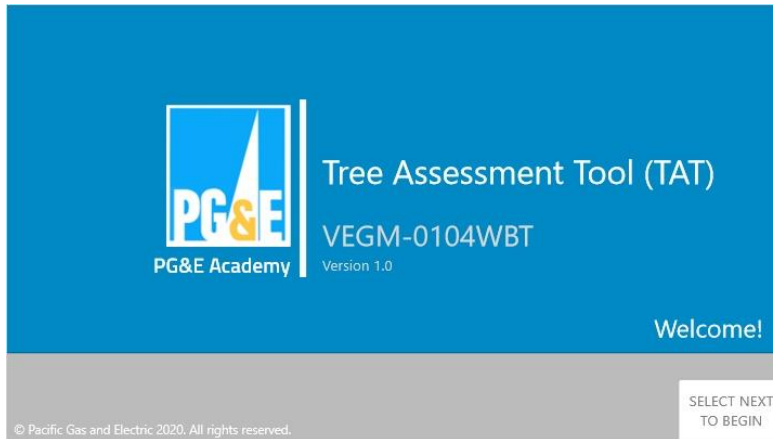


Tree Assessment Tool (TAT)

1. Getting Started

1.1 Course Title



Notes:

Welcome to the Tree Assessment Tool course.

Intro Splash (Slide Layer)



1.2 Why Take This Training

WHY TAKE THIS TRAINING

For EVM patrols, TAT evaluation is **required** for all trees with strike potential.

Facilities include:

- Any electrical or non-electrical conductors or apparatus on a pole,
- The pole, or
- Any

How to use

Practice scenarios

Abate:
To remove a hazard.
Example: Prune or remove vegetation.

Tree Assessment Tool helps you identify potential hazard trees.

OAK, OLIVIA
PINE ARBORISTOR

Notes:

One of the important tasks you will do on patrol is to evaluate trees that have the potential to fail and strike PG&E facilities, thus creating a hazard. PG&E facilities include any electrical or non-electrical conductors or apparatus on a pole, the pole, or any pole supporting wires. The Tree Assessment Tool, commonly known as TAT, helps you identify these hazard trees and make decisions about whether to abate them. For trees in High Fire Threat Districts, which are under the Enhanced Vegetation Management patrols, you are **required** to use this tool on every tree tall enough to fall into PG&E's facilities. We refer to these trees as having strike potential.

This training will walk you through how to use the tool and provide you with scenarios to practice using it.

1.3 Objectives and Navigation

OBJECTIVES & NAVIGATION

You will be able to:

- Complete a Tree Assessment Tool evaluation, including:
 - Assess whether the tree or tree part is likely to strike facilities,
 - Assess tree health related risk factors, and
 - Assess tree environment related risk factors.

20-30 minutes

[▶ START COURSE](#)

Notes:

At the end of this training, you will be able to complete a Tree Assessment Tool evaluation for a tree, including

the steps listed here.

This course will take approximately 20-30 minutes to complete. If you need help navigating this course, select HELP. Otherwise, select Start Course.

2. Module 1

2.1 Module 1 Title



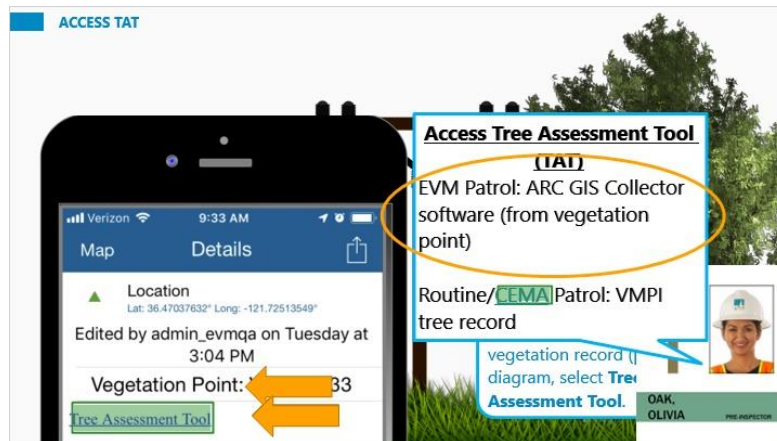
Notes:

2.2 Scenario



Notes:

Let's walk through an Enhanced Vegetation Management scenario in which an Acacia tree in a High Fire Threat District is tall enough to strike facilities. Use the Tree Assessment Tool to evaluate this tree.

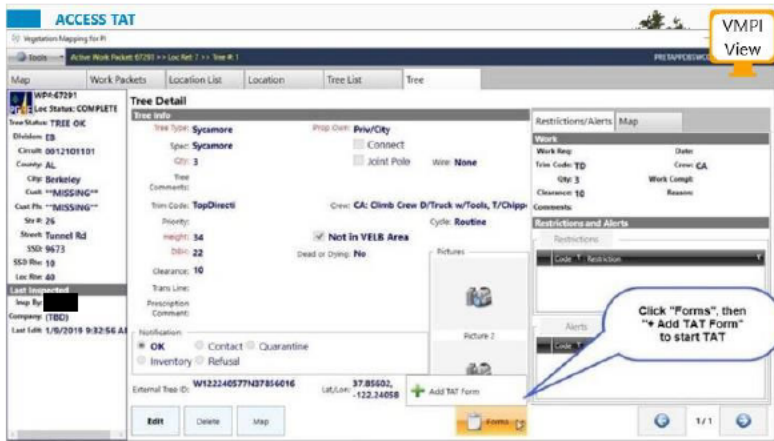
2.3 Access TAT**Notes:**

There are two ways to access the Tree Assessment Tool, depending on which type of patrol you are performing.

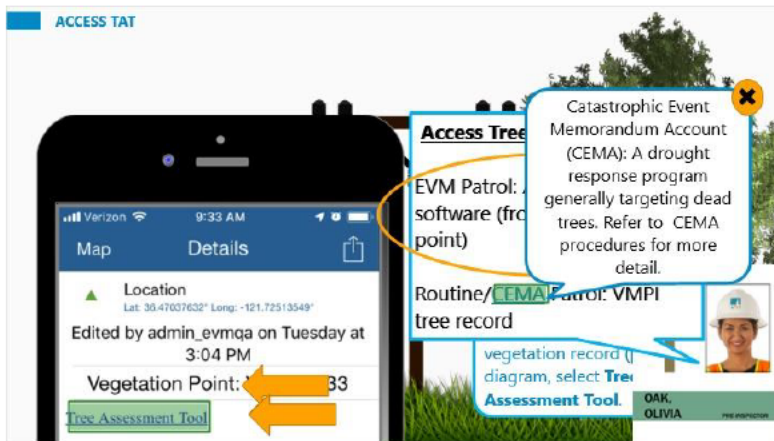
1. If you are on an Enhanced Vegetation Management, or EVM, patrol, you access the tool from the Arc GIS Collector software on your mobile device. First you must enter a tree vegetation record, also known as a vegetation point, into the Arc GIS Collector software. Then from that record you'll see a link to the tool.
2. If you are on a Routine or CEMA patrol, access it from the Vegetation Management Pre-Inspection (VMPI) database tree record.

For this training, we will assume you are on an Enhanced Vegetation Management patrol and are accessing the tool from your mobile device. Let's simulate the steps you will go through. From the diagram shown here, select the Tree Assessment Tool link.

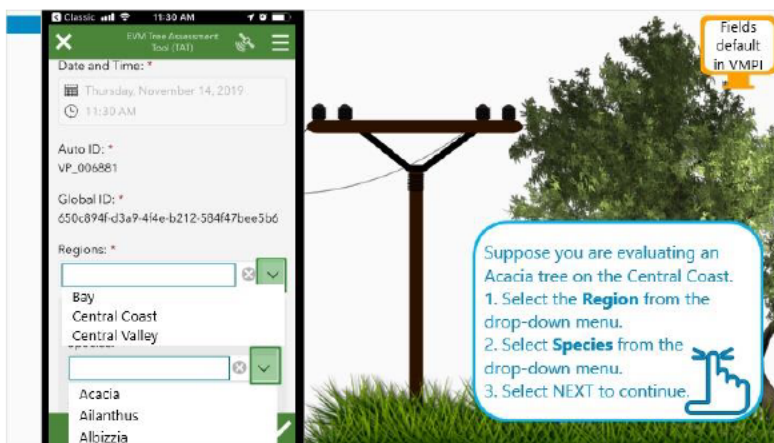
VMPI (Slide Layer)



CEMA (Slide Layer)



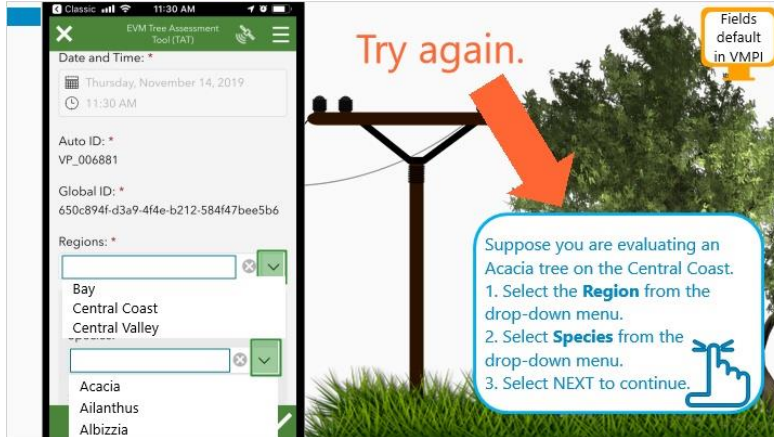
2.4 Select Region



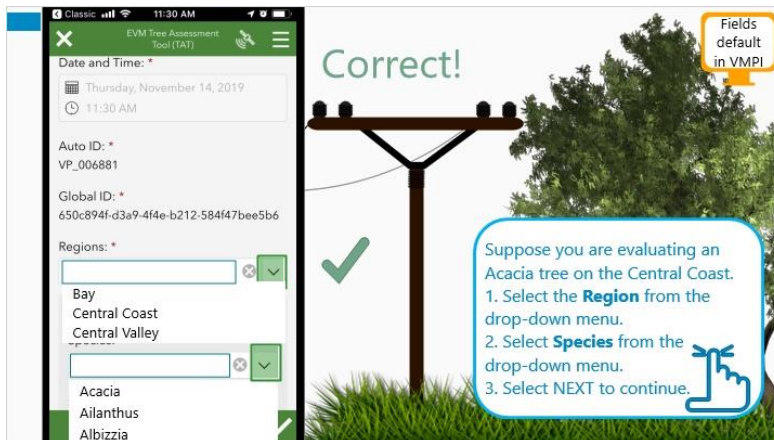
Notes:

First you will enter the region and tree species. Use the drop-down menu to make these selections. Note that on your mobile device, you will swipe to scroll down to continue using the tool. However, for training purposes, select NEXT to continue.

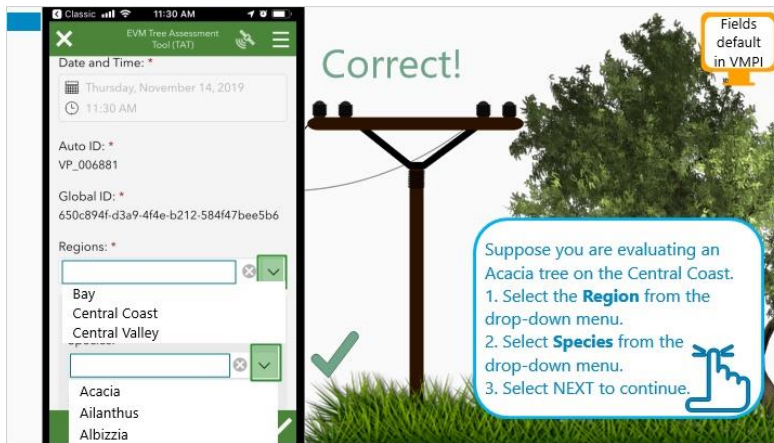
Incorrect Feedback (Slide Layer)



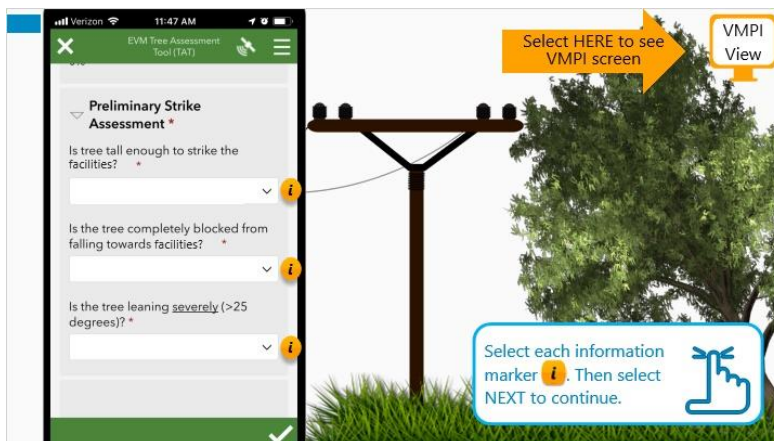
Correct1 (Slide Layer)



Correct2 (Slide Layer)



2.5 Preliminary Strike Assessment



Notes:

The second section of the Tree Assessment Tool lists the elements to be evaluated for strike assessment with conditions that could apply. If you need help determining these conditions, consult the Tree Assessment Tool procedure Appendix A "Overview: Preliminary Strike Assessment".

After each entry, the tool may direct actions based on your input such as Stop or provide a score indicating you should Continue. If you do not see a message, continue with the next field. You will know the TAT is complete when you see Abate or Do Not Abate.

For this training, select the information markers beside each field to learn more, then select Next to continue.

Height

Is the tree tall enough to strike facilities? Evaluate the height and distance from the facilities of that part from

where it will “hinge.” Include slope in your evaluation. If the tree is shorter than the facilities, OR the distance to the facilities is more than the height of the tree or the part most likely to fail, then the tree cannot strike.

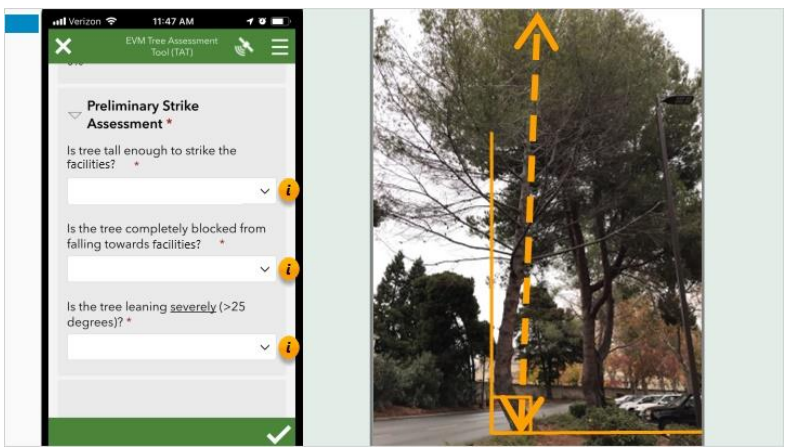
Path

Is the tree completely blocked from falling towards facilities? Some trees are tall enough to strike, but cannot, because the path is blocked. Consider that other trees can reduce the likelihood of a tree falling towards facilities, but only in extreme cases do they completely and reliably block the path to facilities.

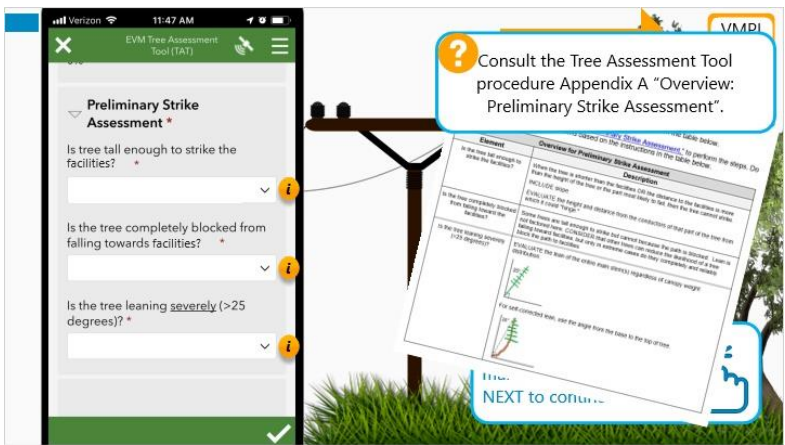
Lean

Is the tree leaning severely? Is the lean greater than 25 degrees? Evaluate the lean of the entire main stem(s) regardless of canopy weight distribution. For self-corrected lean, use the angle from base to top of tree.

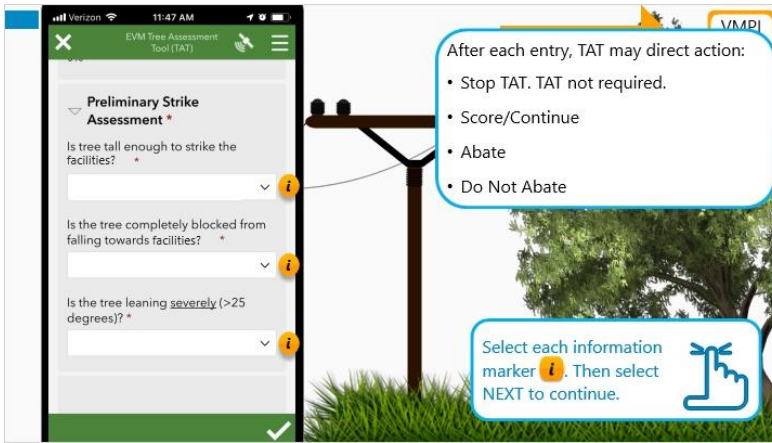
Lean3 (Slide Layer)



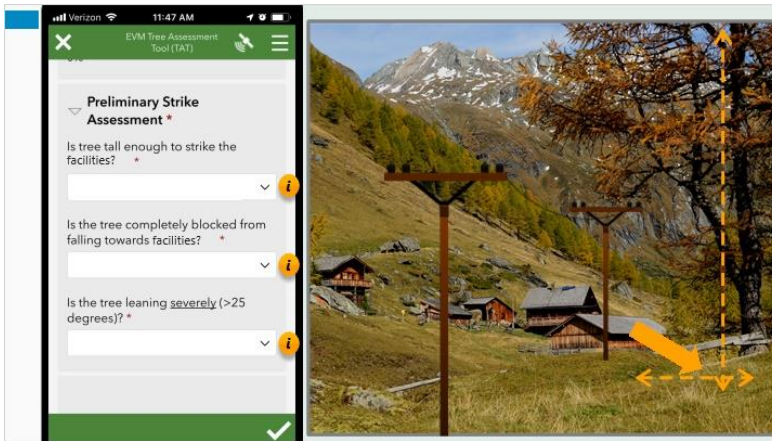
AppendixA (Slide Layer)



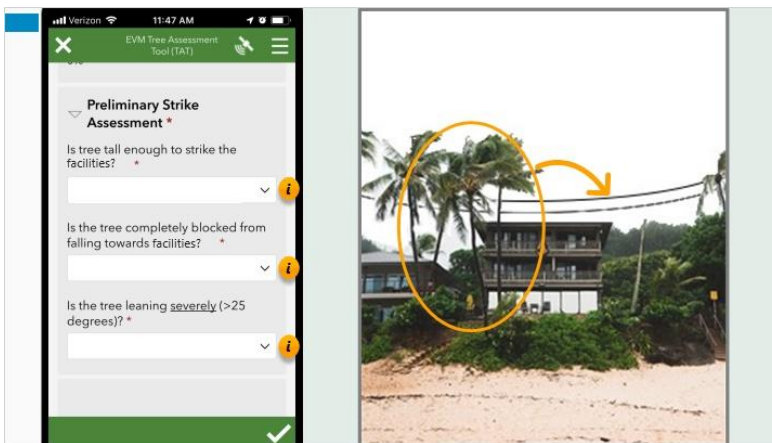
TAT Direction (Slide Layer)



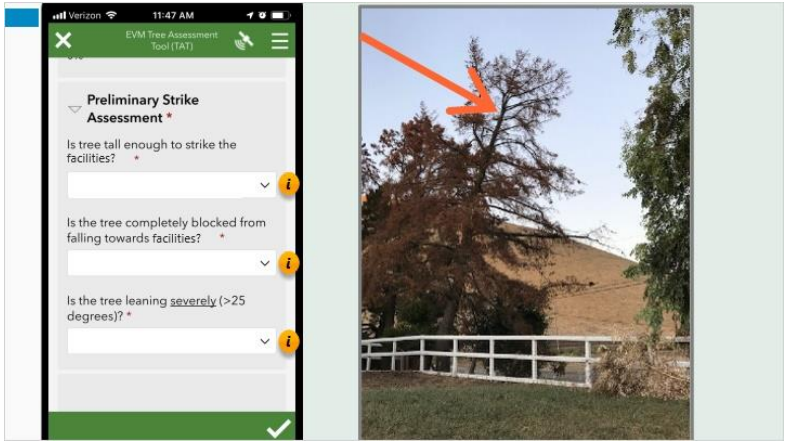
Height (Slide Layer)



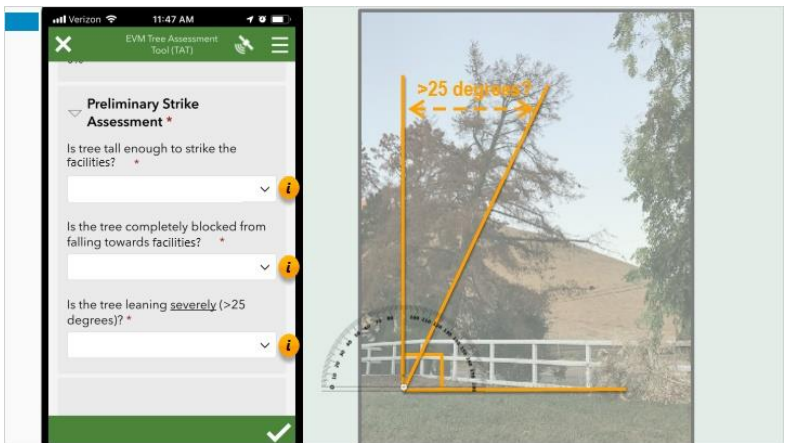
Path (Slide Layer)



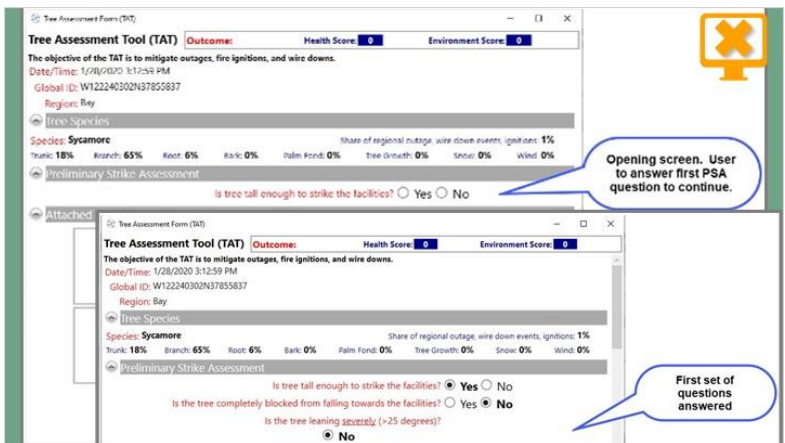
Lean1 (Slide Layer)



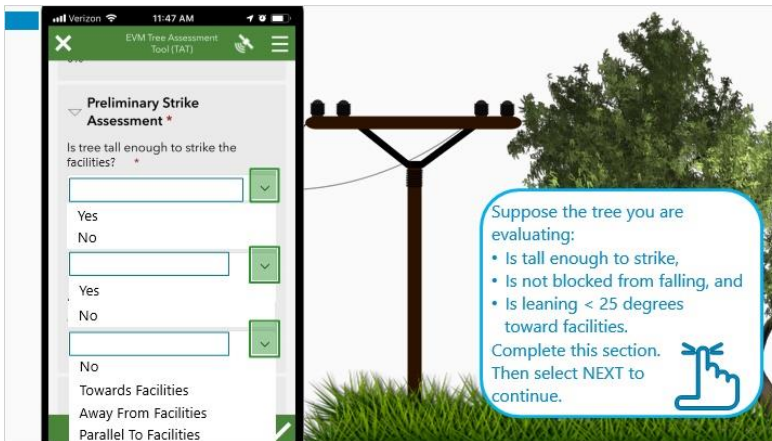
Lean2 (Slide Layer)



VMPI View (Slide Layer)



2.6 Preliminary Strike Assessment



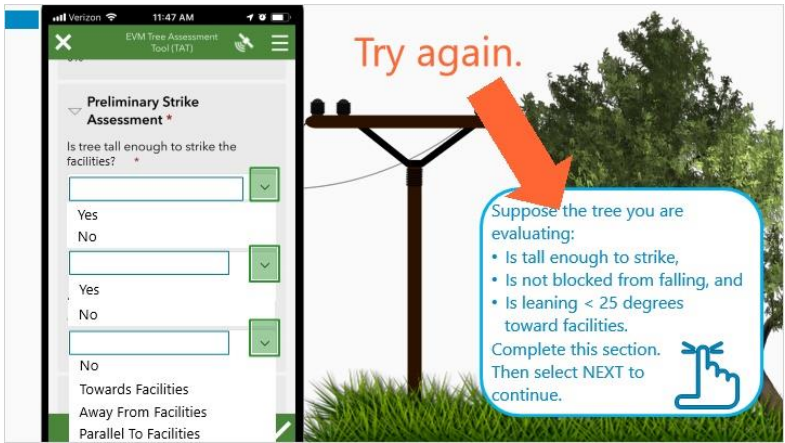
Notes:

Suppose the tree you are evaluating is tall enough to strike, is not completely blocked from falling towards the facilities, and is leaning less than 25 degrees towards the facilities. Use the drop-down menus to complete each field.

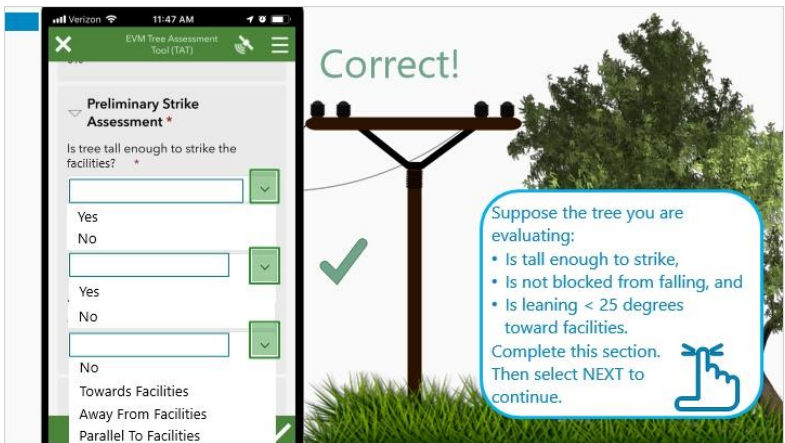
Correct1 (Slide Layer)



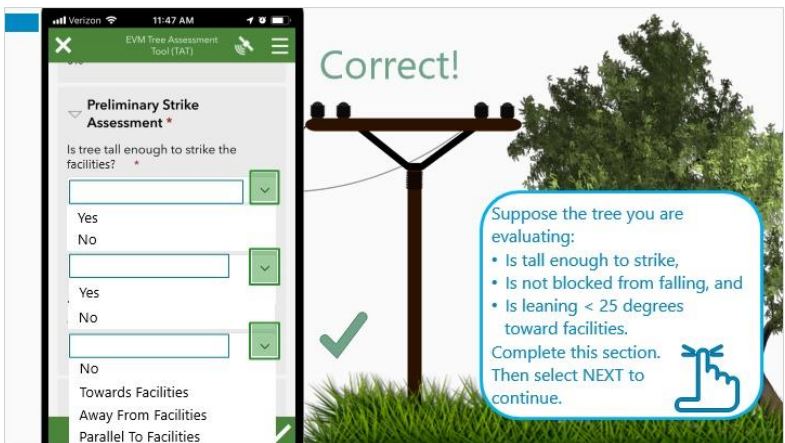
Incorrect Feedback (Slide Layer)



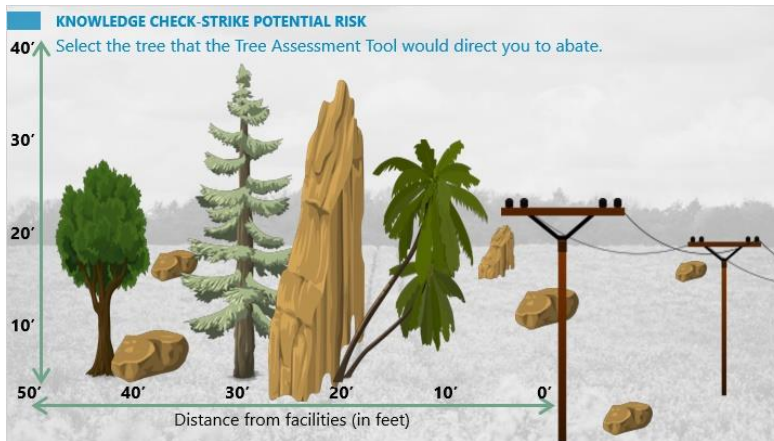
Correct2 (Slide Layer)



Correct3 (Slide Layer)



2.7 Knowledge Check-Strike Likelihood

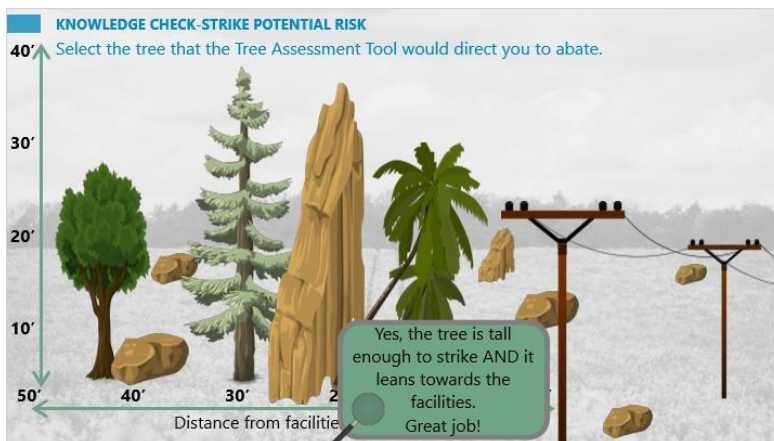


Notes:

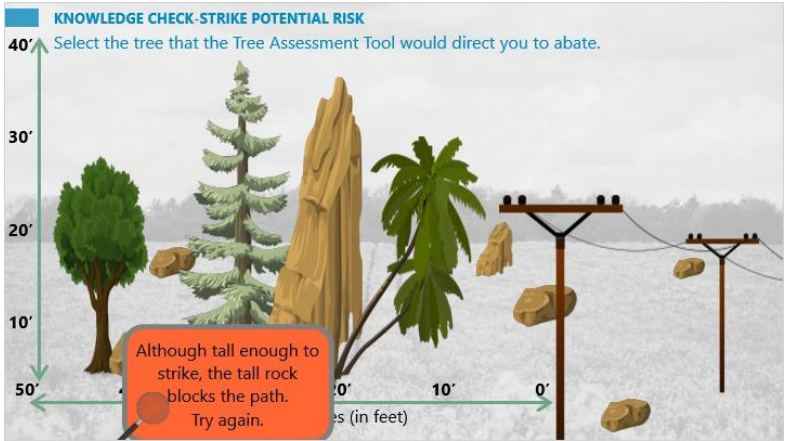
Let's think about what you just entered. If during your preliminary strike potential evaluation you had answered that the tree was NOT tall enough to strike or WAS completely BLOCKED from falling towards the facilities, you would have been directed to stop using the Tree Assessment Tool because there was no risk of striking the facilities. However, if you had indicated the tree was leaning severely towards the facilities, you would have been directed to abate.

Given this information, which one of these trees would the Tree Assessment Tool direct you to abate?

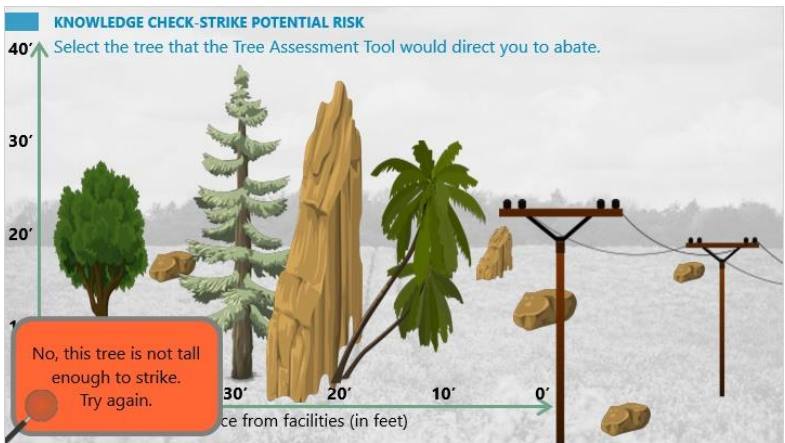
Correct (Slide Layer)



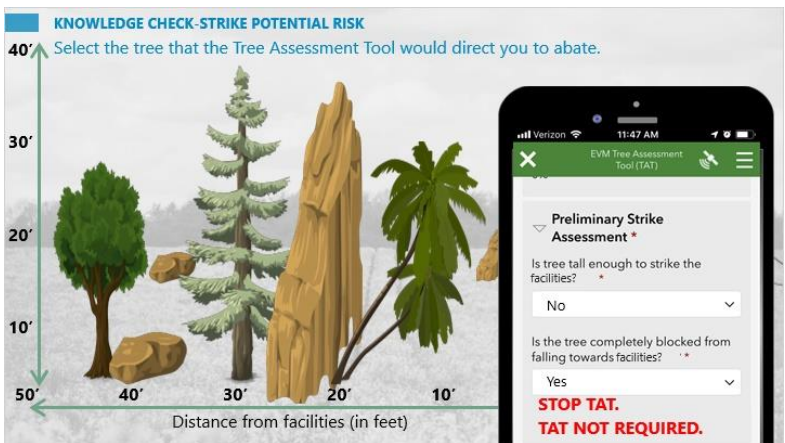
Incorrect1 (Slide Layer)



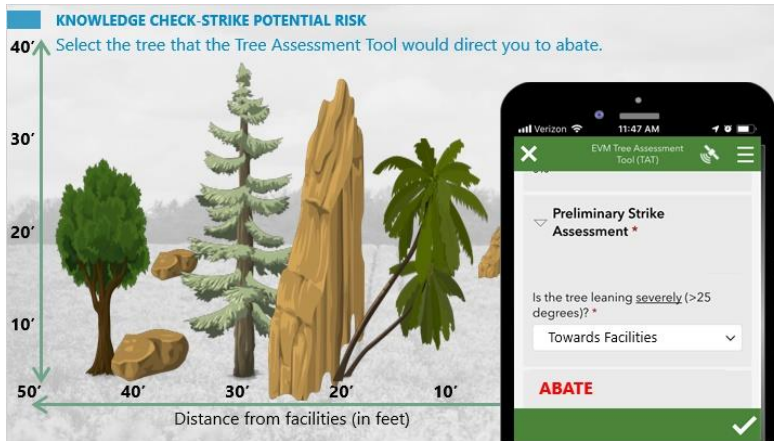
Incorrect2 (Slide Layer)



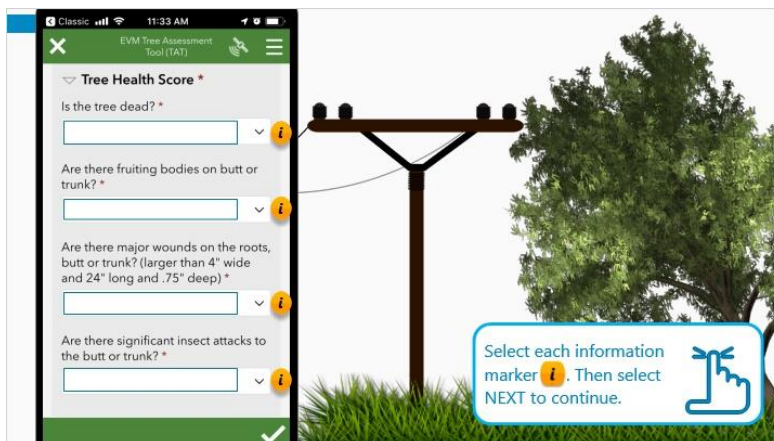
Stop (Slide Layer)



Abate (Slide Layer)



2.8 Tree Health Score



Notes:

The next section of the tool lists the questions to be evaluated for tree health. The tool will continue to provide directions of Abate, or Do Not Abate after each entry. It may also populate a score which indicates to continue to the next question. Select the markers to learn more about each question. Then select NEXT to obtain more tree information for entering data into the tool.

Death

If the tree is dead or clearly dying, no further analysis is required. It MUST be removed. Don't mistake deciduous trees that lose their leaves for dormancy as being dead or dying. For example, the California Buckeye trees go dormant during the summer. If you're not sure, ask.

Fruiting Bodies

Are there fruiting bodies on the tree butt or trunk? Fungal fruiting bodies are evidence of decay. For example, mushrooms, conks, or sphericals.

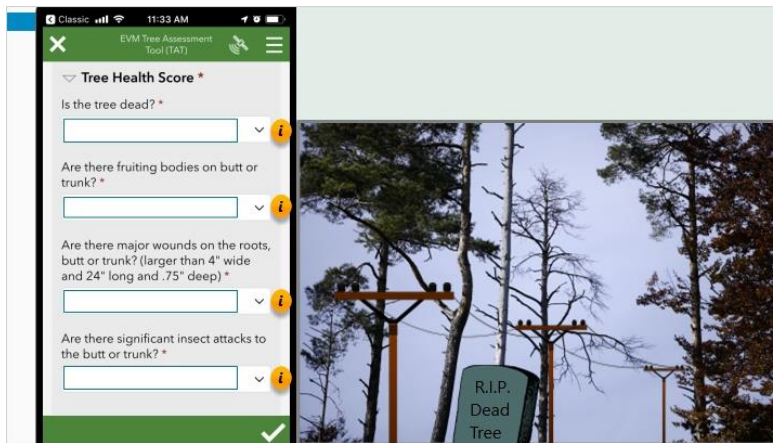
Wounds

Wounds are openings or cavities beyond the bark and cambium layers and indicate the structure of the stem is being compromised by decay. Are there major wounds on the roots, butt or trunk that are larger than 4-inches wide, 24-inches long and .75-inches deep?

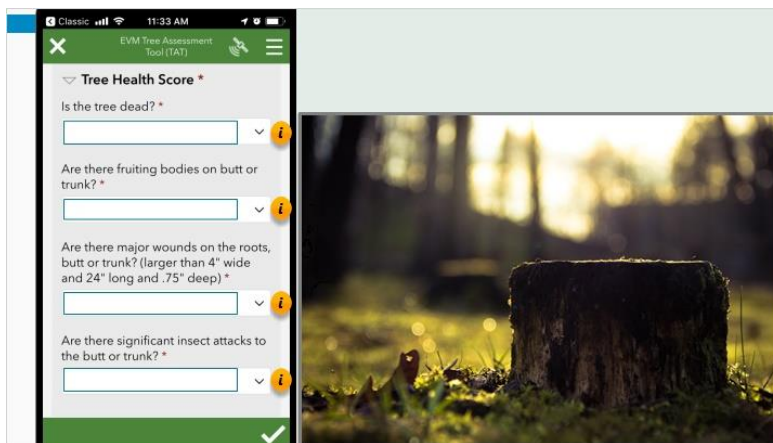
Insects

Are there significant insect attacks to the butt or trunk? Boring insects creating entry/exits holes are an indication of weakened trees and potential presence of decay or disease.

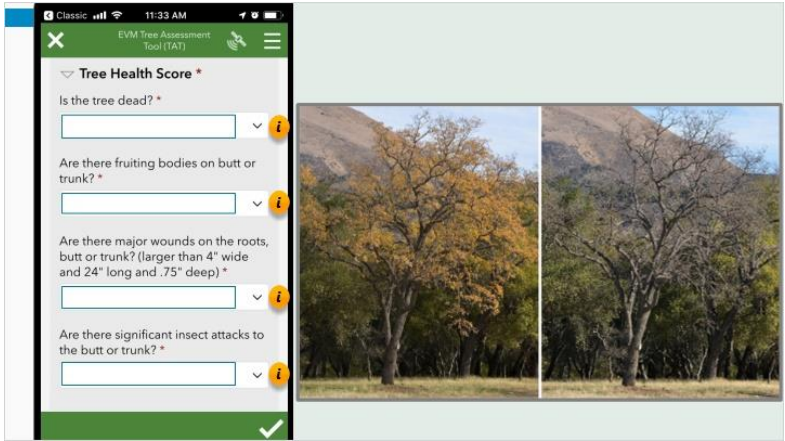
Death (Slide Layer)



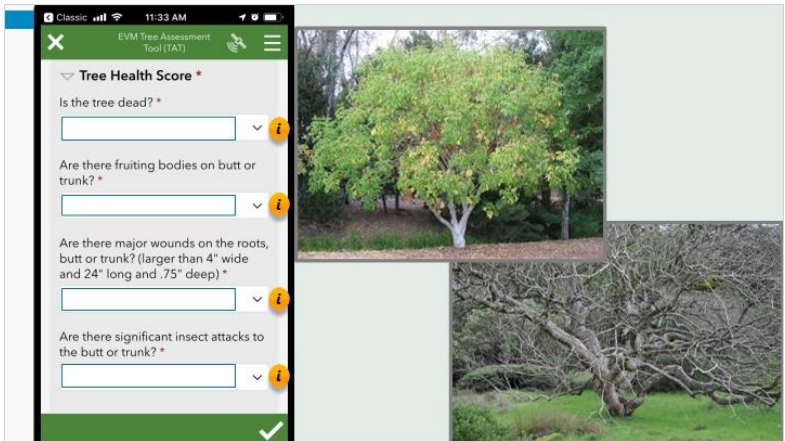
Death-Removed (Slide Layer)



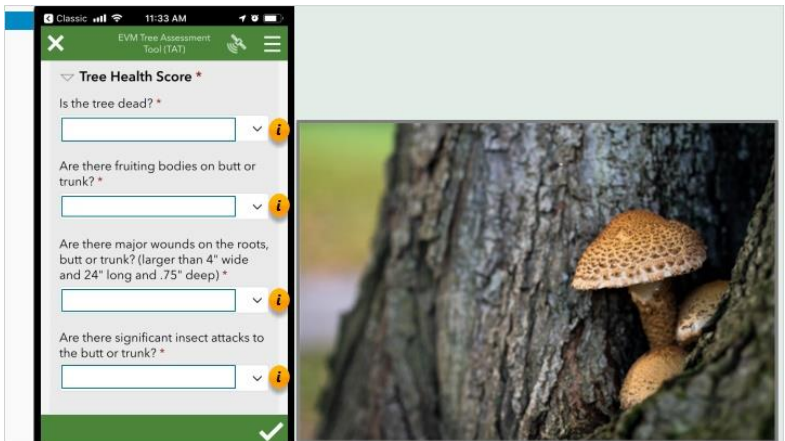
DeathVSDeciduousTrees (Slide Layer)



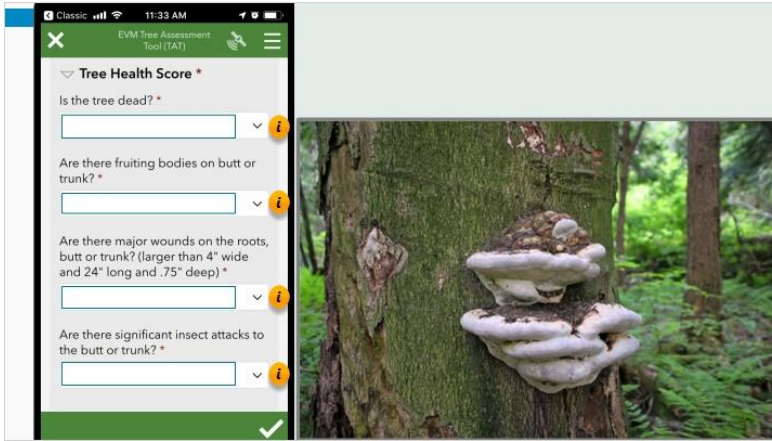
Death-CA BuckeyeFall (Slide Layer)



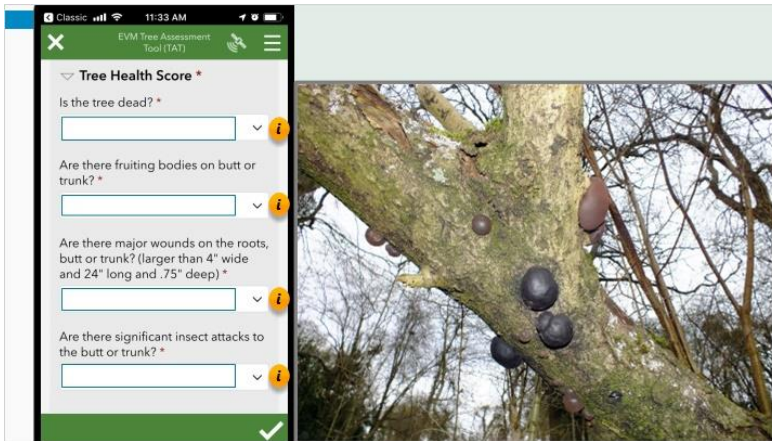
FruitingBodies-Mushrooms (Slide Layer)



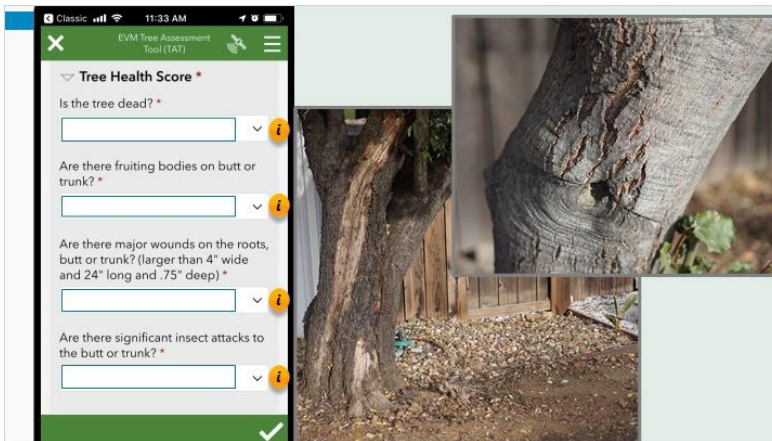
Fruiting Bodies-Conks (Slide Layer)



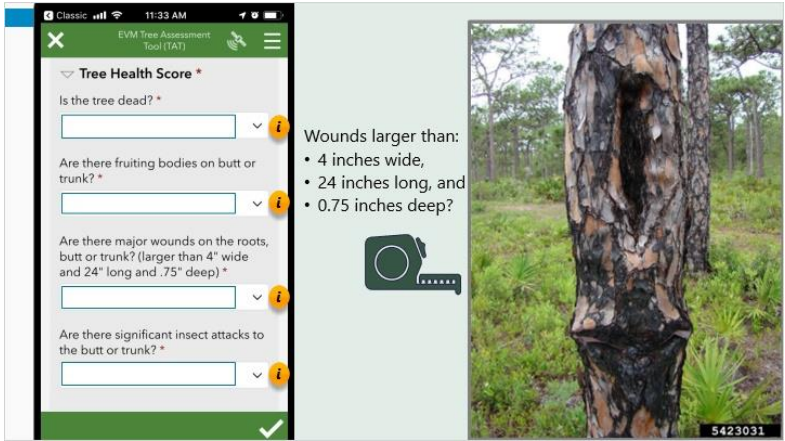
Fruiting Bodies-Sphericals (Slide Layer)



Wounds1 (Slide Layer)



Wounds2 (Slide Layer)



The screenshot shows the 'Tree Health Score' section of the EVM Tree Assessment Tool (TAT). It contains four questions, each with a dropdown menu and an information icon (i):

- Is the tree dead? *
- Are there fruiting bodies on butt or trunk? *
- Are there major wounds on the roots, butt or trunk? (larger than 4" wide and 24" long and .75" deep) *
- Are there significant insect attacks to the butt or trunk? *

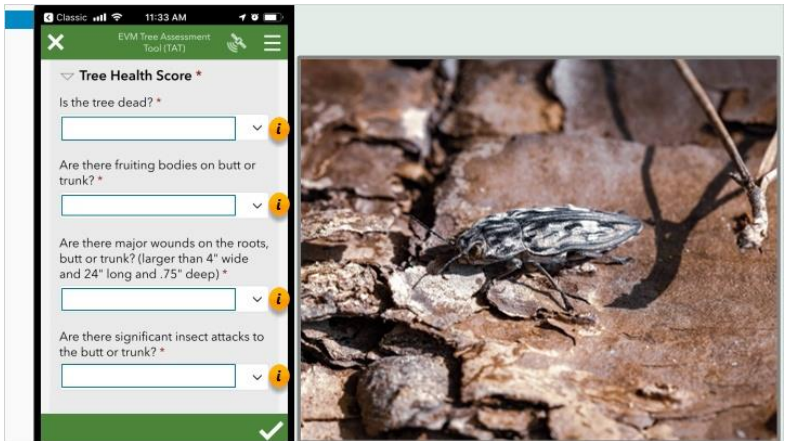
To the right of the interface, there is a photograph of a tree trunk with a large, dark, vertical wound. A callout box with a camera icon and a list of criteria is positioned next to the photo:

Wounds larger than:

- 4 inches wide,
- 24 inches long, and
- 0.75 inches deep?

The photo is labeled with the number 5423031 in the bottom right corner.

Insects (Slide Layer)

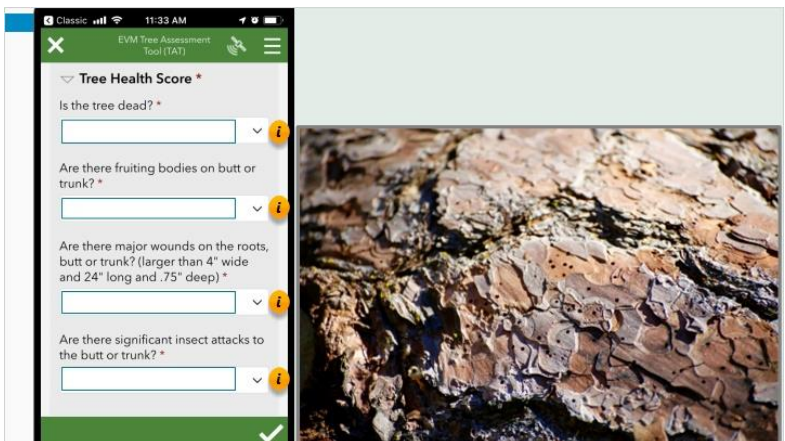


The screenshot shows the 'Tree Health Score' section of the EVM Tree Assessment Tool (TAT). It contains four questions, each with a dropdown menu and an information icon (i):

- Is the tree dead? *
- Are there fruiting bodies on butt or trunk? *
- Are there major wounds on the roots, butt or trunk? (larger than 4" wide and 24" long and .75" deep) *
- Are there significant insect attacks to the butt or trunk? *

To the right of the interface, there is a photograph of a large, dark beetle on a tree trunk.

Insects2 (Slide Layer)

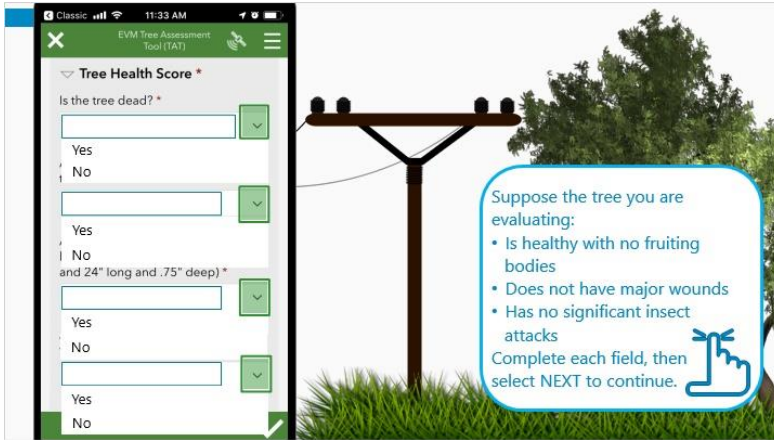


The screenshot shows the 'Tree Health Score' section of the EVM Tree Assessment Tool (TAT). It contains four questions, each with a dropdown menu and an information icon (i):

- Is the tree dead? *
- Are there fruiting bodies on butt or trunk? *
- Are there major wounds on the roots, butt or trunk? (larger than 4" wide and 24" long and .75" deep) *
- Are there significant insect attacks to the butt or trunk? *

To the right of the interface, there is a photograph of a tree trunk with a large, dark, vertical wound.

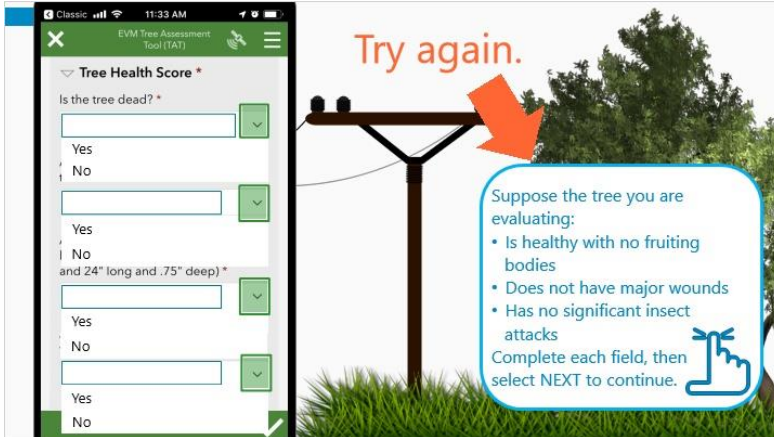
2.9 Tree Health



Notes:

Given the tree information, use the drop-down menus to enter each field. Then select NEXT to enter tree health condition fields.

Incorrect Feedback (Slide Layer)



Correct2 (Slide Layer)

Correct!

Suppose the tree you are evaluating:

- Is healthy with no fruiting bodies
- Does not have major wounds
- Has no significant insect attacks

Complete each field, then select NEXT to continue.

The screenshot shows a mobile application interface for 'EVM Tree Assessment Tool (TAT)'. The screen is titled 'Tree Health Score *' and contains several dropdown menus for data entry. A green checkmark is visible on the right side of the screen, indicating a correct selection. The background features a utility pole and a tree.

Correct3 (Slide Layer)

Correct!

Suppose the tree you are evaluating:

- Is healthy with no fruiting bodies
- Does not have major wounds
- Has no significant insect attacks

Complete each field, then select NEXT to continue.

This screenshot is identical to the one above, showing the 'Correct!' message and the evaluation criteria for a tree assessment.

Correct1 (Slide Layer)

Correct!

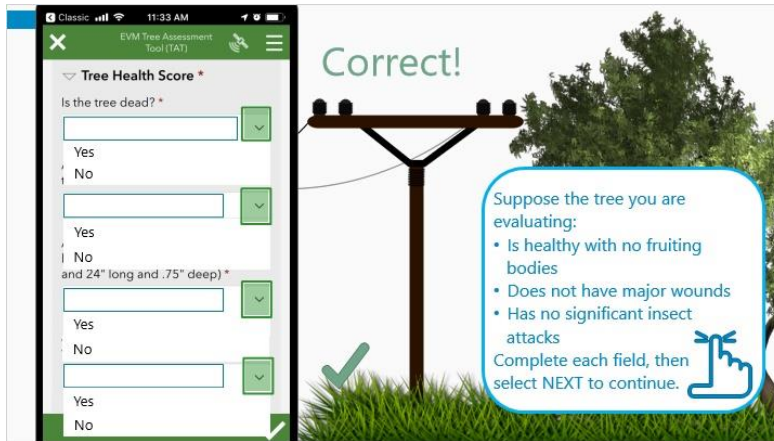
Suppose the tree you are evaluating:

- Is healthy with no fruiting bodies
- Does not have major wounds
- Has no significant insect attacks

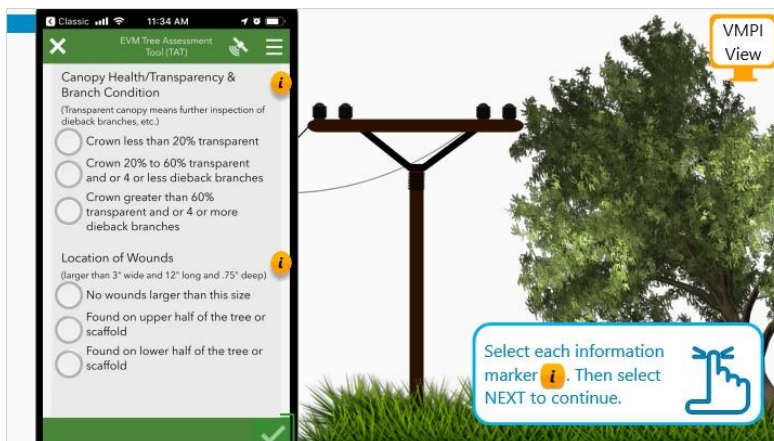
Complete each field, then select NEXT to continue.

This screenshot is also identical to the previous ones, displaying the 'Correct!' message and the list of evaluation criteria.

Correct4 (Slide Layer)



2.10 Assess Tree Health



Notes:

Once you've input the answers to the questions, input the associated conditions. Select the markers to learn more about each condition. Then select NEXT to continue.

Canopy

How is the canopy health/transparency and branch conditions? Is the crown greater than 60% transparent and/or does it have multiple dieback branches? A diminished canopy and presence of dead branches can be an indicator of a weakened, declining tree.

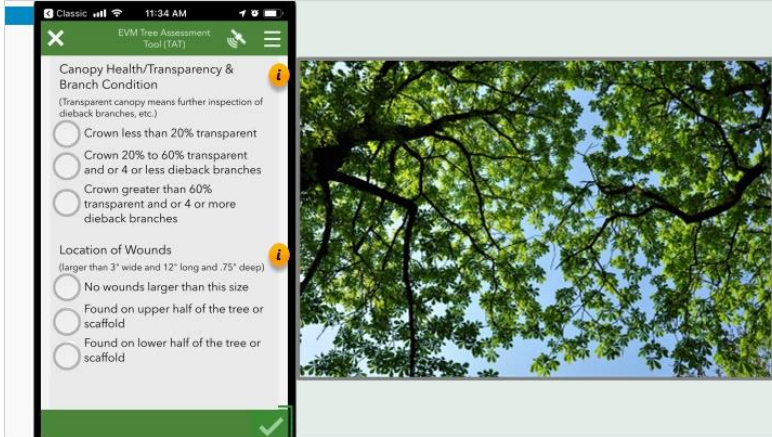
Do not consider branches that have died back in the lowest, heavily shaded part of the canopy that represent a natural process in tree maturation.

Wounds

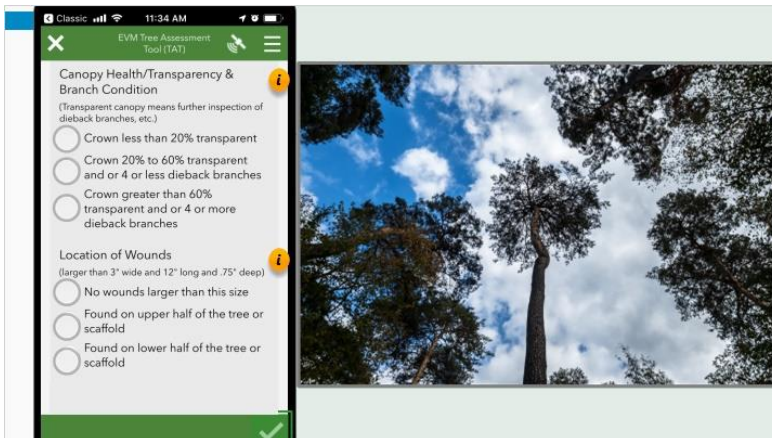
Are wounds of or greater than the size and dimensions shown here located on the upper or lower half of the tree? Wounds on the lower half of the tree are subject to greater weight and force, thus increasing the tree's risk. Note: Although you already assessed the tree for major wounds, you are now taking into account smaller wounds that are

still of sufficient size to contribute to risk.

Canopy (Slide Layer)



Canopy2 (Slide Layer)



Canopy3 (Slide Layer)

EVM Tree Assessment Tool (TAT)

Canopy Health/Transparency & Branch Condition
(Transparent canopy means further inspection of dieback branches, etc.)

Crown less than 20% transparent

Crown 20% to 60% transparent and or 4 or less dieback branches


Crown greater than 60% transparent and or 4 or more dieback branches

Location of Wounds
(larger than 3" wide and 12" long and .75" deep)

No wounds larger than this size

Found on upper half of the tree or scaffold

Found on lower half of the tree or scaffold



Canopy4 (Slide Layer)

EVM Tree Assessment Tool (TAT)

Canopy Health/Transparency & Branch Condition
(Transparent canopy means further inspection of dieback branches, etc.)

Crown less than 20% transparent

Crown 20% to 60% transparent and or 4 or less dieback branches


Crown greater than 60% transparent and or 4 or more dieback branches

Location of Wounds
(larger than 3" wide and 12" long and .75" deep)

No wounds larger than this size

Found on upper half of the tree or scaffold

Found on lower half of the tree or scaffold



Wounds (Slide Layer)

EVM Tree Assessment Tool (TAT)

Canopy Health/Transparency & Branch Condition
(Transparent canopy means further inspection of dieback branches, etc.)

Crown less than 20% transparent

Crown 20% to 60% transparent and or 4 or less dieback branches


Crown greater than 60% transparent and or 4 or more dieback branches

Location of Wounds
(larger than 3" wide and 12" long and .75" deep)

No wounds larger than this size

Found on upper half of the tree or scaffold

Found on lower half of the tree or scaffold

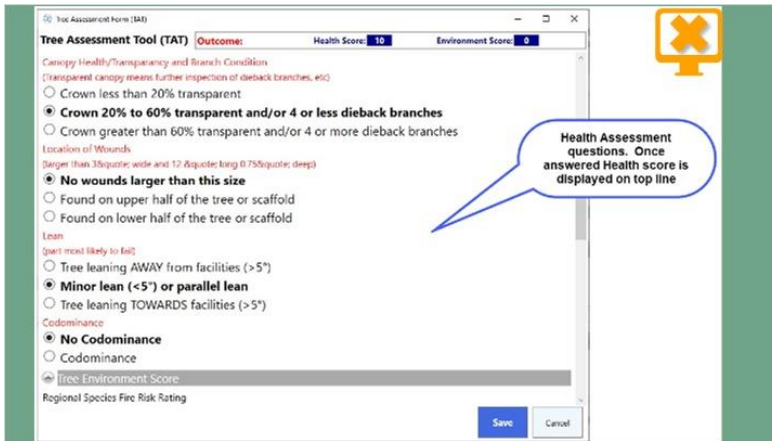


Are wounds on the upper or lower half of tree?

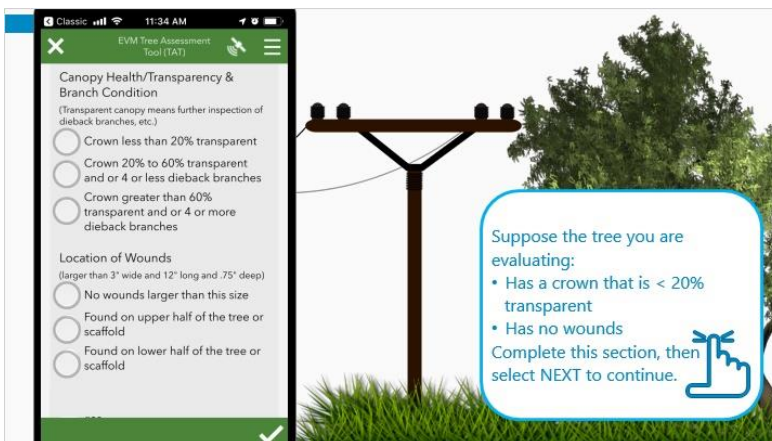
Are there wounds of this size or larger?
> 3 inches wide, > 12 inches long, and > 0.75 inches deep

Wounds on the lower half are subject to greater weight and force.

VMPI View (Slide Layer)



2.11 Assess Tree Health



Notes:

Given the tree information, enter each condition. Then select NEXT to continue.

Incorrect Feedback (Slide Layer)

The screenshot shows a mobile application interface for 'EVM Tree Assessment Tool (TAT)'. The left panel contains a form with two sections: 'Canopy Health/Transparency & Branch Condition' and 'Location of Wounds'. The right panel shows a tree and a utility pole. A red arrow points to the tree with the text 'Try again.' A blue callout box contains the following text:

Suppose the tree you are evaluating:

- Has a crown that is < 20% transparent
- Has no wounds

Complete this section, then select NEXT to continue.

Blank (Slide Layer)

This screenshot is identical to the one above, but the blue callout box is empty, representing a blank feedback area.

Correct1 (Slide Layer)

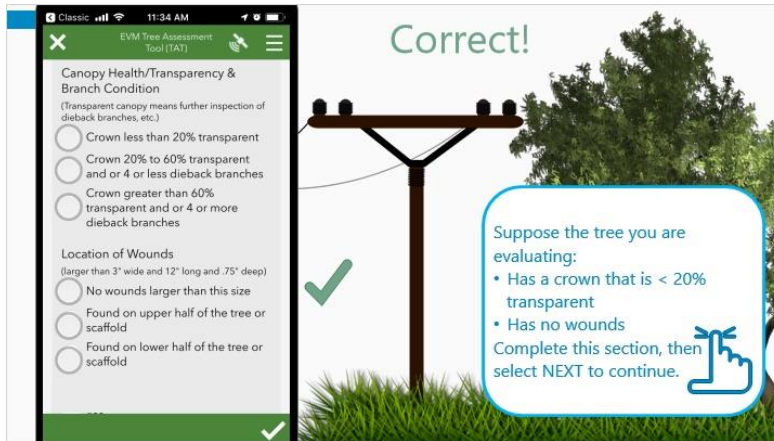
The screenshot shows the same interface as the previous ones, but with a green checkmark on the utility pole and the text 'Correct!' in green. The blue callout box contains the following text:

Suppose the tree you are evaluating:

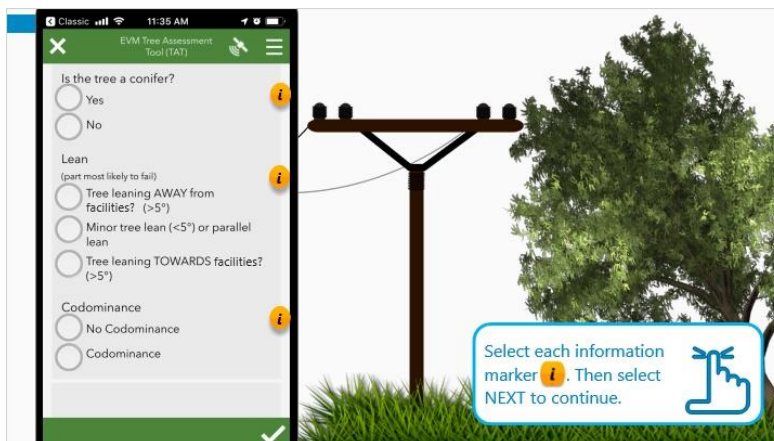
- Has a crown that is < 20% transparent
- Has no wounds

Complete this section, then select NEXT to continue.

Correct2 (Slide Layer)



2.12 Assess Tree Health



Notes:

Once you've input the answers to the questions, you'll input the associated conditions. Select the markers to learn more about each condition. Then select NEXT to continue.

Conifer

Conifers are trees that bear cones and that have needle-like or scale-like leaves. If the tree is a conifer, it influences the Lean scores. Lean on a conifer is a stronger indication of failure potential than on a non-conifer.

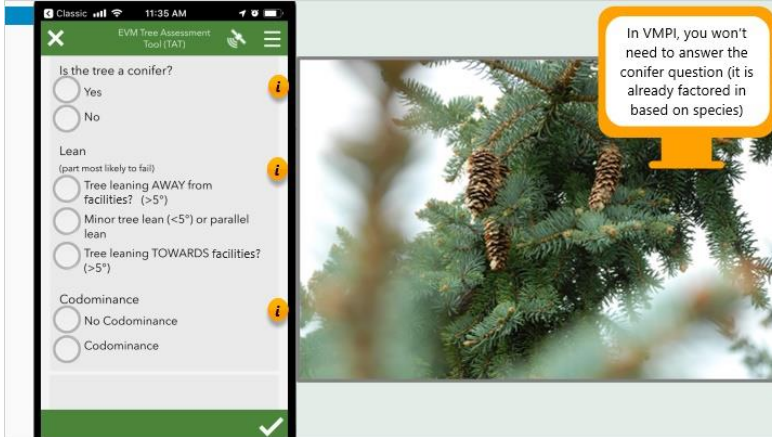
Lean

If the tree is leaning, does it lean towards facilities greater than 5 degrees? Evaluate the lean of the entire main stem(s) regardless of canopy weight distribution. For self-corrected lean, use the angle from the base to the top of the tree. Note: although you already assessed the tree for lean, you are now taking into account smaller lean that is still of sufficient degree to contribute to risk.

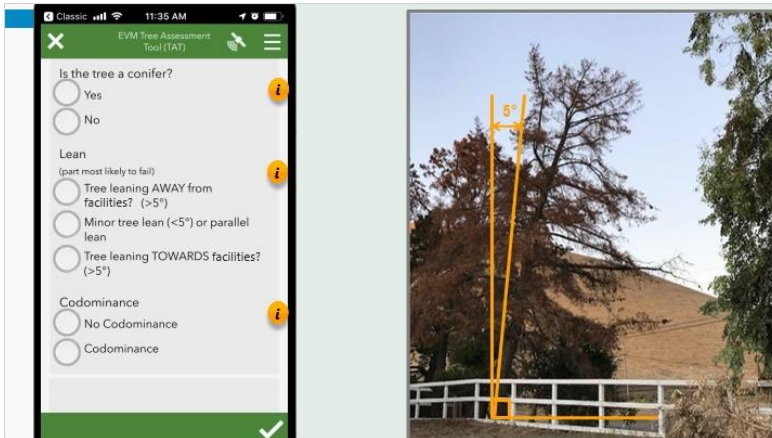
Codominance

Is there codominance? Codominant stems can result in a weak attachment prone to failure.

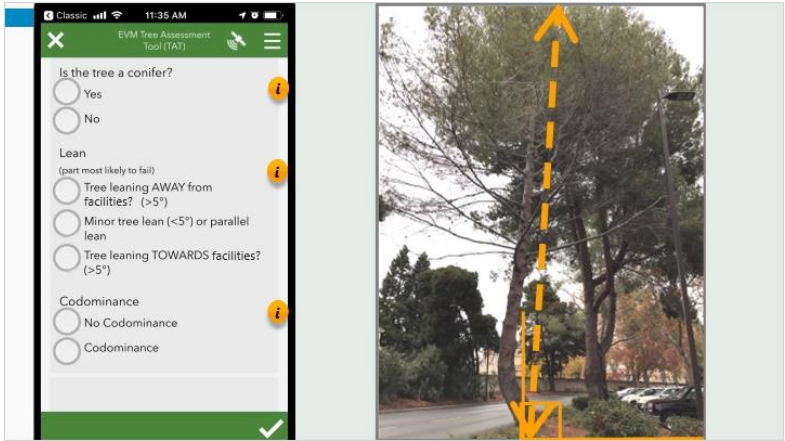
Conifer (Slide Layer)



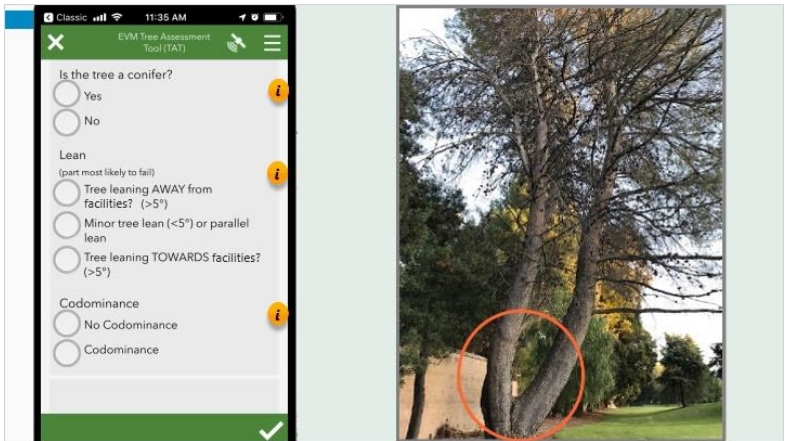
Lean (Slide Layer)



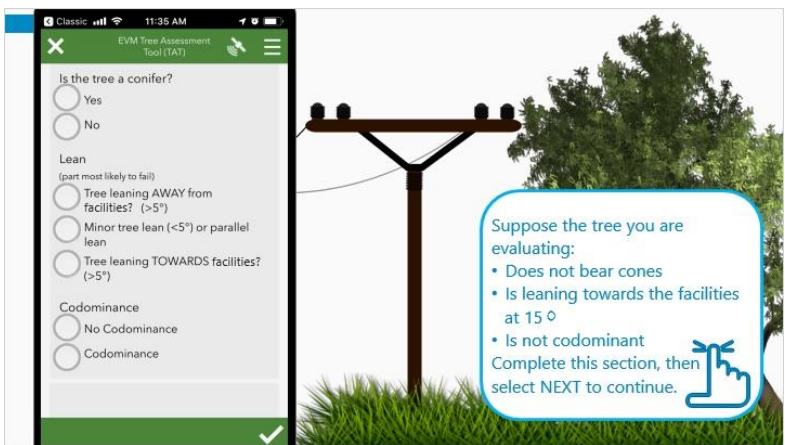
Lean Self-Corrected (Slide Layer)



Codominance (Slide Layer)



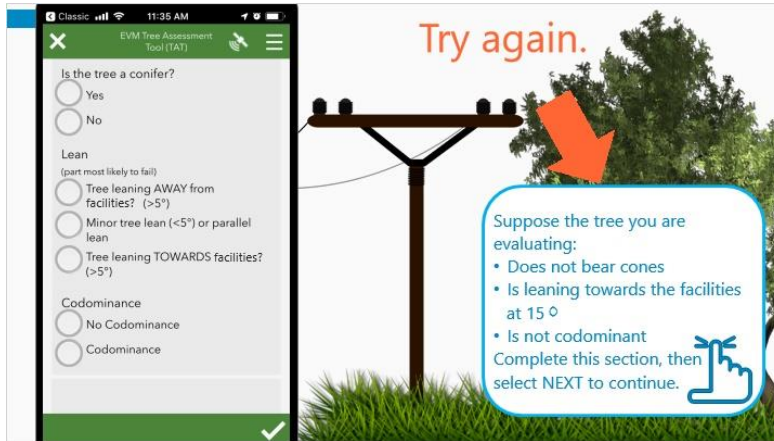
2.13 Assess Tree Health



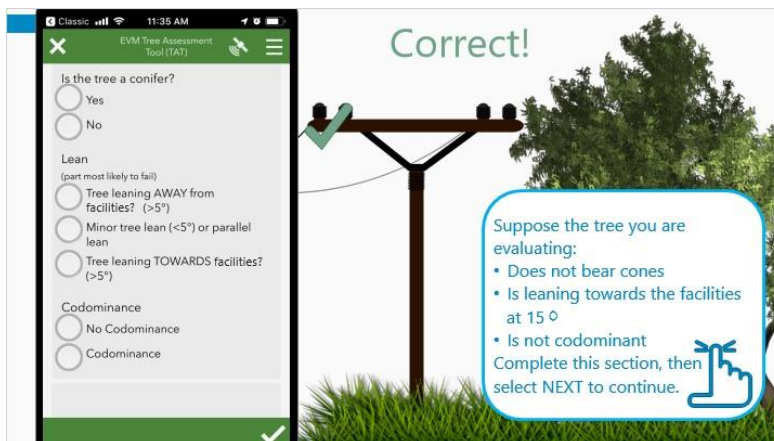
Notes:

Given the tree information, complete the fields and select NEXT to continue.

Incorrect Feedback (Slide Layer)



Correct (Slide Layer)



Correct2 (Slide Layer)

The screenshot shows a mobile application interface for an "EVM Tree Assessment Tool (TAT)". The questionnaire on the left includes the following questions and options:

- Is the tree a conifer?
 - Yes
 - No
- Lean (part most likely to fail)
 - Tree leaning AWAY from facilities? (>5°)
 - Minor tree lean (<5°) or parallel lean
 - Tree leaning TOWARDS facilities? (>5°)
- Codominance
 - No Codominance
 - Codominance

The right side of the slide features a photograph of a tree next to a utility pole. A green checkmark is visible on the left side of the image. A blue callout box contains the following text:

Correct!

Suppose the tree you are evaluating:

- Does not bear cones
- Is leaning towards the facilities at 15°
- Is not codominant

Complete this section, then select NEXT to continue.

Correct3 (Slide Layer)

This slide is identical to the one above, showing the same EVM Tree Assessment Tool (TAT) interface and tree image. The blue callout box contains the following text:

Correct!

Suppose the tree you are evaluating:

- Does not bear cones
- Is leaning towards the facilities at 15°
- Is not codominant

Complete this section, then select NEXT to continue.

2.14 Knowledge Check-Failing Trees

UNHEALTHY TREES
Select the **FOUR** unhealthy trees.

The knowledge check consists of five images of trees showing various signs of distress or damage:

- A tree trunk with a large, irregular hole.
- A dead, skeletal tree with no leaves.
- A tree trunk with a large, white, mushroom-like growth at its base.
- A tree trunk with a large, irregular hole.
- A tree trunk with a large, irregular hole.

Notes:

Stepping back from the Tree Assessment Tool, what are you evaluating? Trees that are dead, have fruiting bodies or significant insect attacks to the butt or trunk, or have major wounds on the roots, butt or trunk, are all potential reasons to abate the tree. Conditions such as the canopy health, location of wounds, conifers, lean, or codominance increase the risk of failure.

Pulling this information together, can you identify the trees in poor health? Select the four trees that the Tree Assessment Tool would likely direct you to abate.

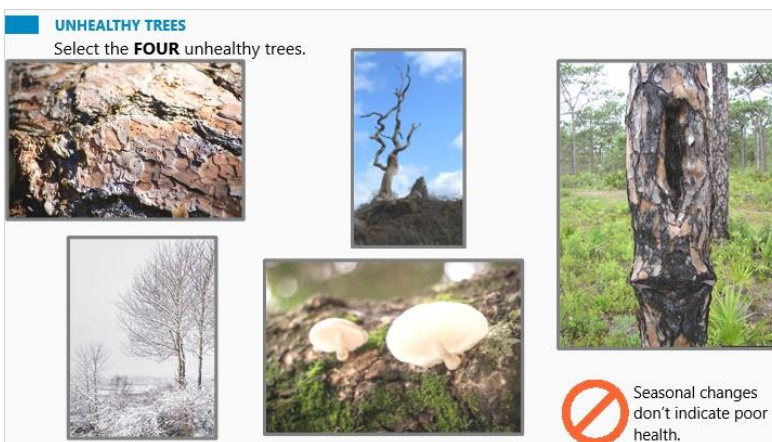
Correct (Slide Layer)

UNHEALTHY TREES
Select the **FOUR** unhealthy trees.



Incorrect (Slide Layer)

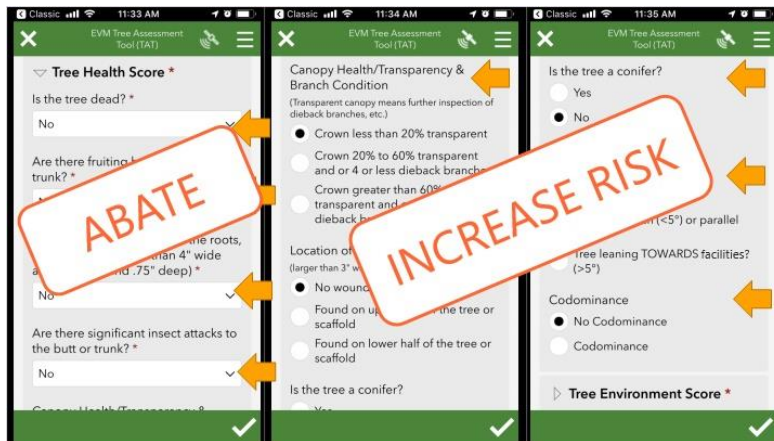
UNHEALTHY TREES
Select the **FOUR** unhealthy trees.



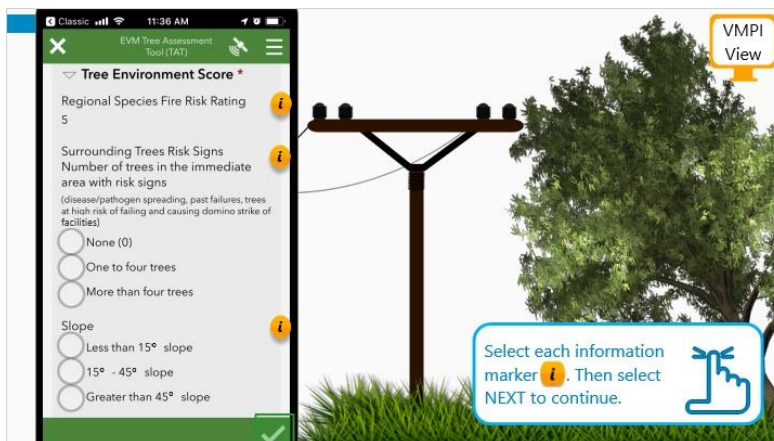
AllCorrect (Slide Layer)



Fields (Slide Layer)



2.15 Assess Tree Environment



Notes:

Next, you'll evaluate the tree environment. Select the markers to learn more about each condition. Then select NEXT to continue.

Fire Rating

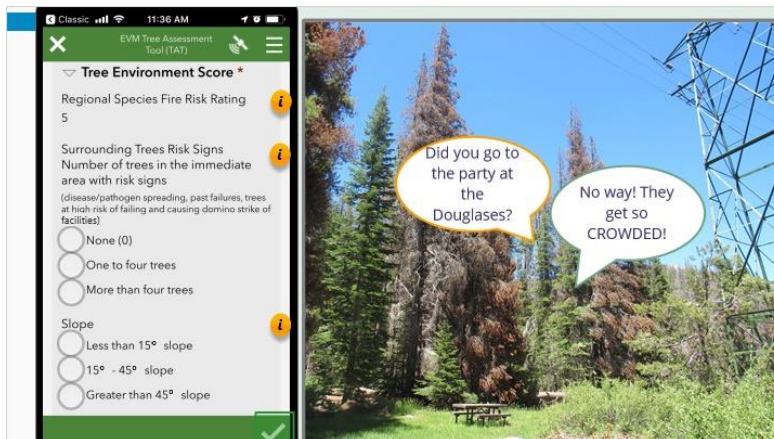
The Regional Species Fire Risk Rating is pre-calculated based on the species outage and ignition history in the region.

Surrounding Trees

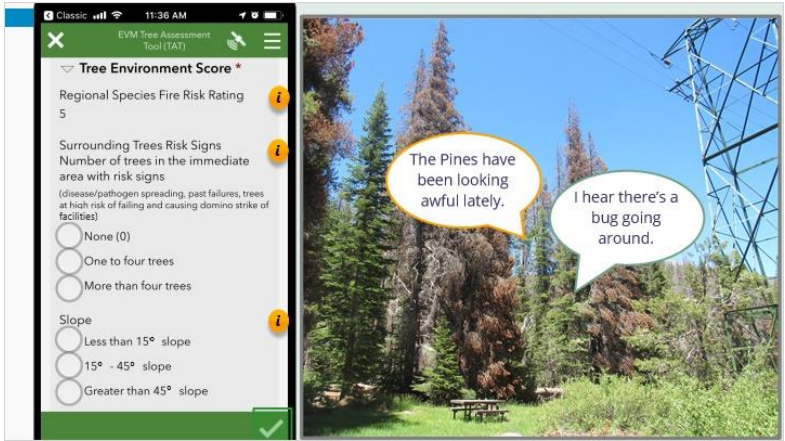
What are the risk signs of surrounding trees and how many are there? The tree's neighbors are the best gossips when it comes to telling you about the tree you're rating. The condition of surrounding trees alerts you to the presence of a spreading disease or damaging pest. In addition, the risk of surrounding trees striking the assessed tree and knocking it into facilities in a domino effect should be considered.

Slope

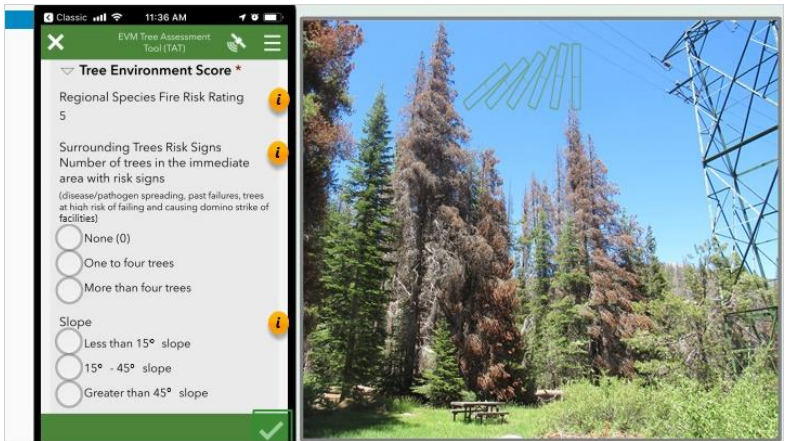
What is the slope? Slope should be relatively straight forward, err, no pun intended. When looking at slope, evaluate the slope of the terrain where the tree is located. 0 degrees is flat ground and 45 degrees is a steep slope.

SurroundTrees (Slide Layer)

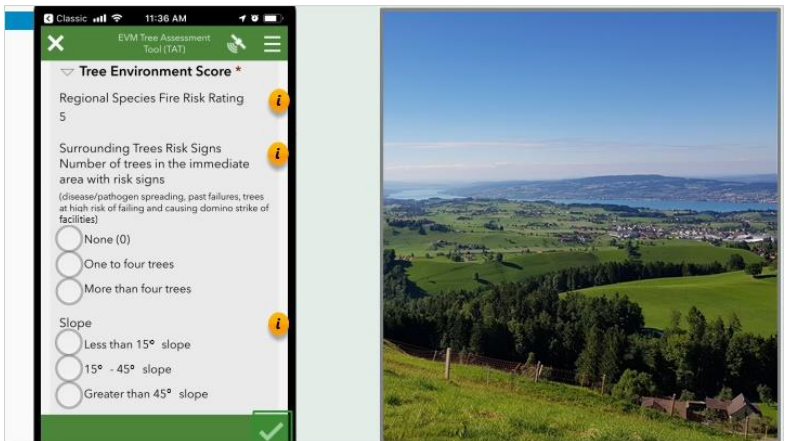
SurroundTrees2 (Slide Layer)



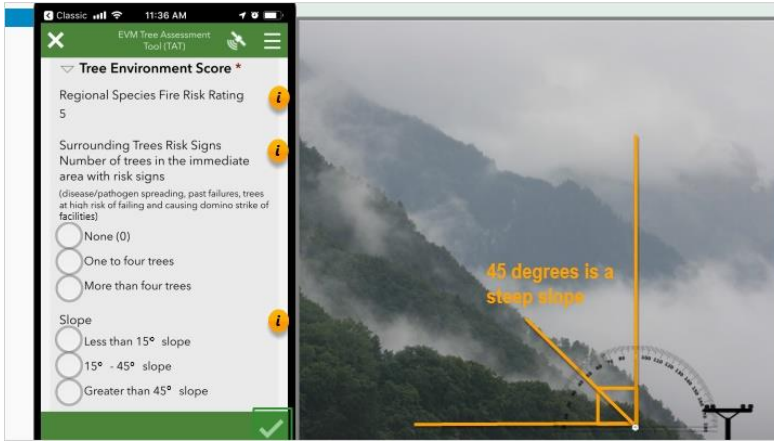
SurroundTrees3 (Slide Layer)



Slope (Slide Layer)



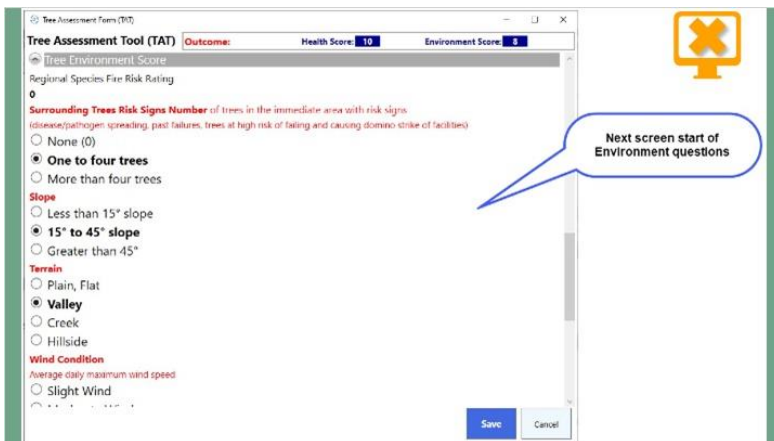
Slope2 (Slide Layer)



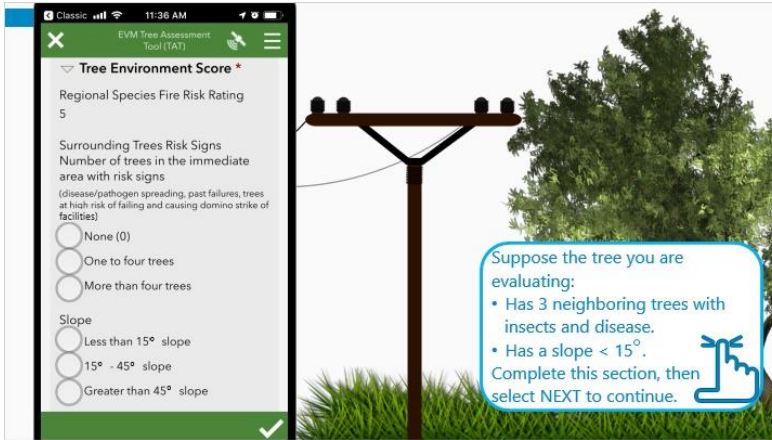
FireRating (Slide Layer)



VMPI View (Slide Layer)



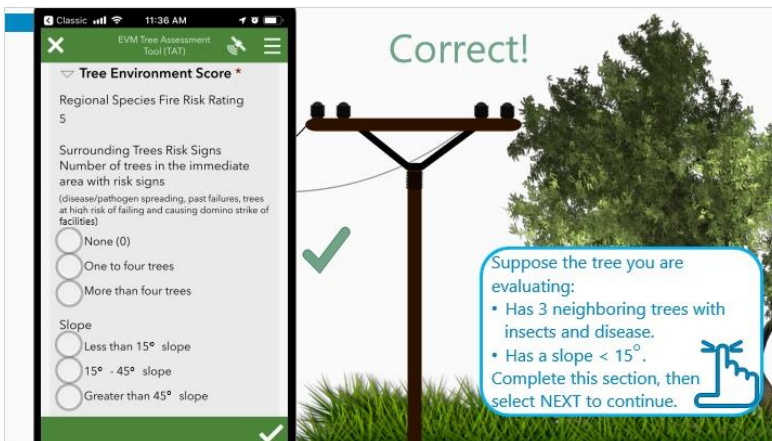
2.16 Assess Tree Environment



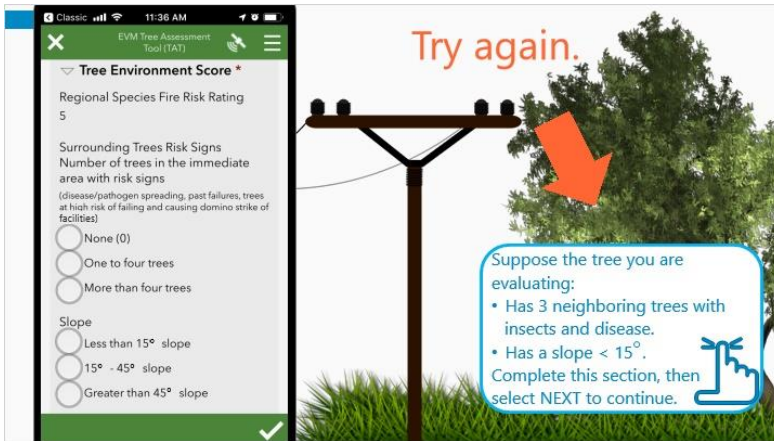
Notes:

Given the tree information, complete this section. Then select NEXT to continue.

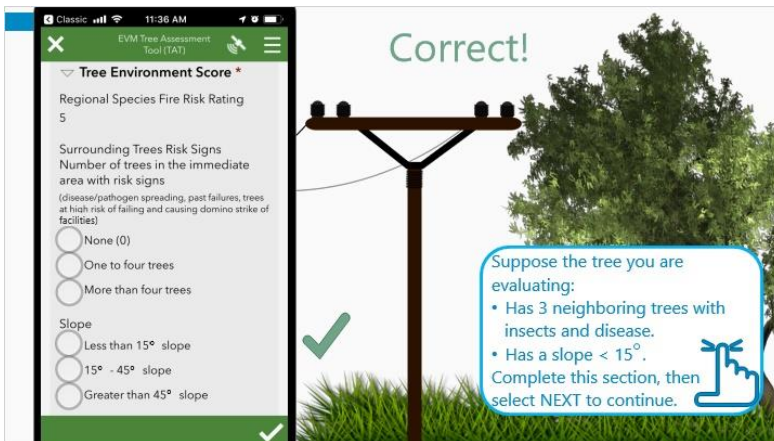
Correct (Slide Layer)



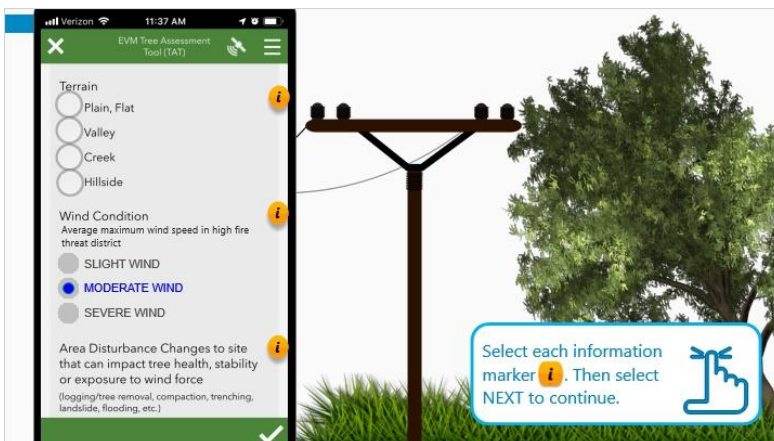
Incorrect Feedback (Slide Layer)



Correct2 (Slide Layer)



2.17 Assess Tree Environment



Notes:

Select the markers to learn more about additional environment conditions. Then select NEXT to continue.

Terrain

What is the terrain? Evaluate the terrain type such as plain/flat, valley, creek, or hillside.

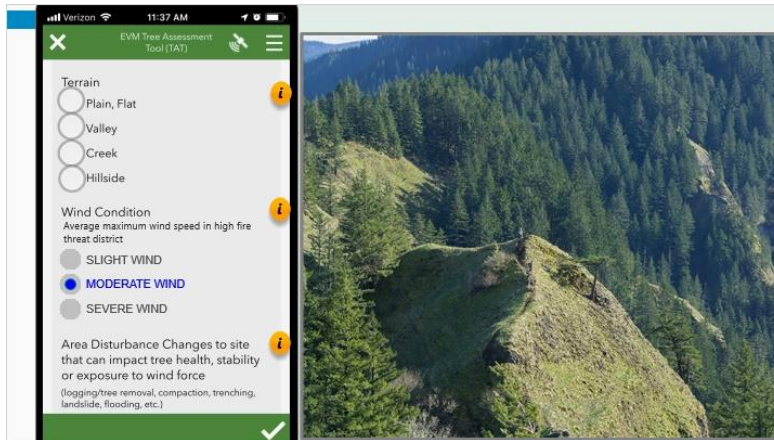
Wind Condition

What is the average maximum wind speed in a high fire threat district-slight, moderate, or severe? PG&E calculates this based on location historical measured wind speeds. This field is automatically populated.

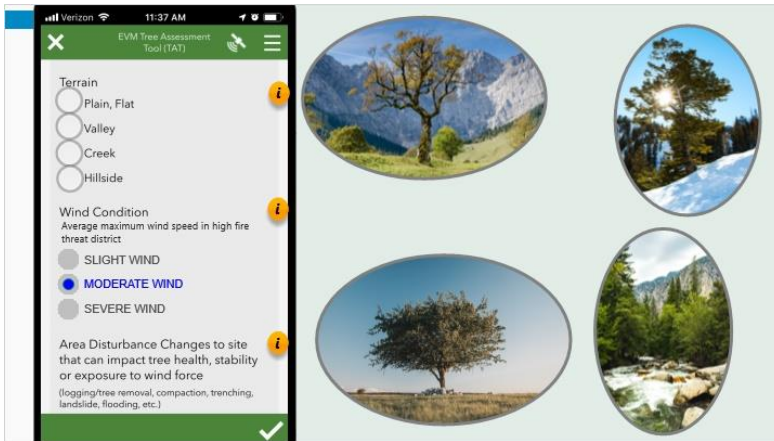
Area Disturbance

Is there area disturbance, meaning changes to the site that can impact tree health, stability or exposure to wind force such as logging/tree removal, compaction, trenching, landslide, or flooding? Is the change low, moderate, or high? Consider the disturbance that work you are currently prescribing to other trees in the vicinity will cause to the assessed tree.

Terrain (Slide Layer)



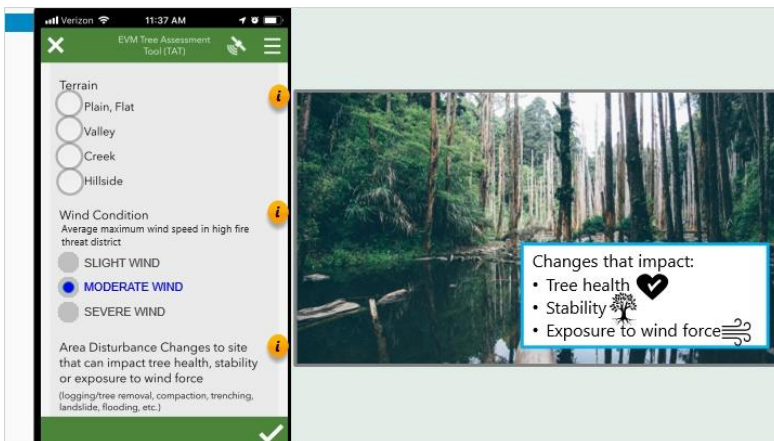
Terrain2 (Slide Layer)



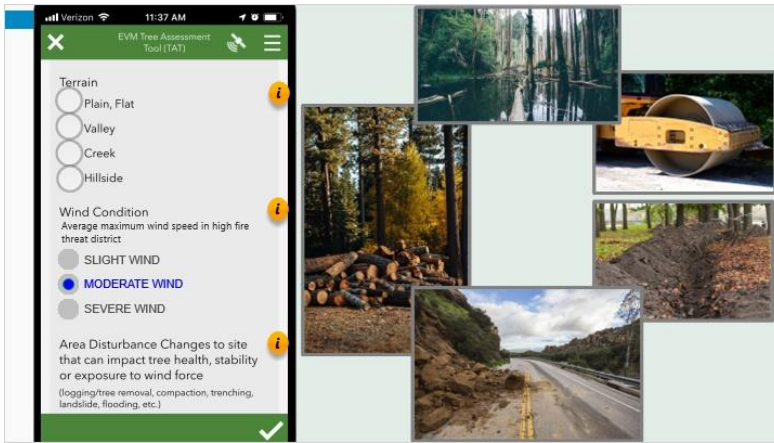
Wind (Slide Layer)



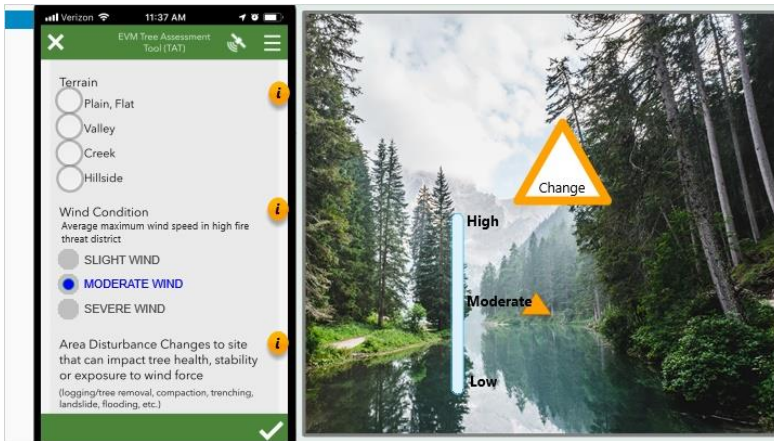
Area (Slide Layer)



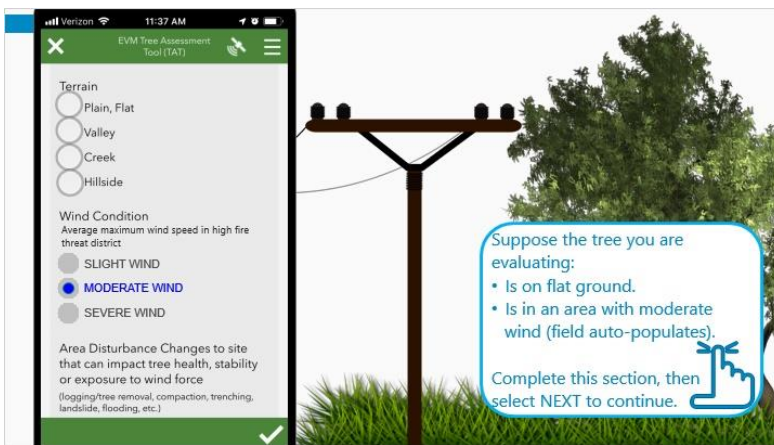
Area2 (Slide Layer)



Area3 (Slide Layer)



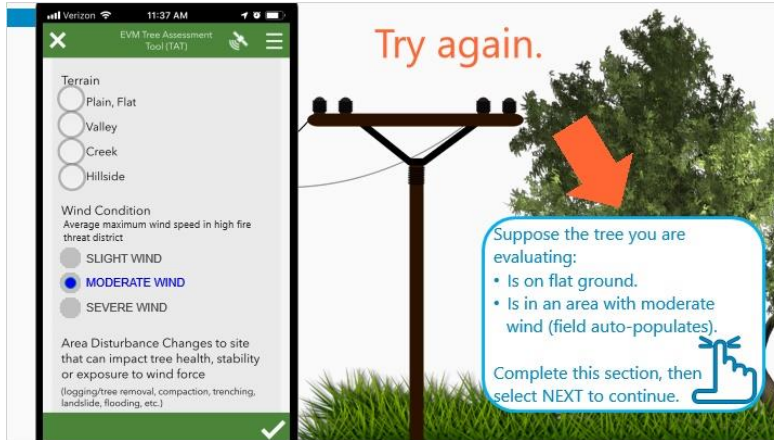
2.18 Assess Tree Environment



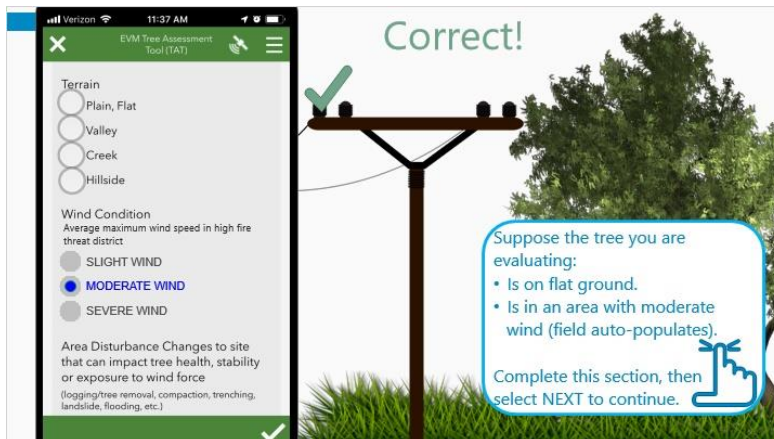
Notes:

Given the tree information, complete this section. Then select NEXT to continue.

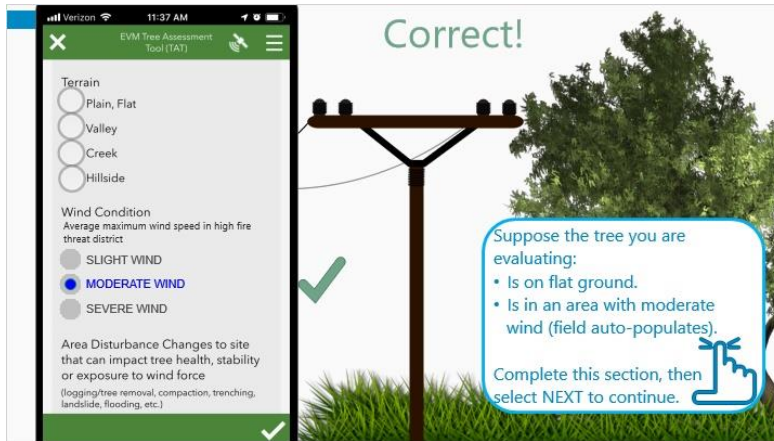
Incorrect Feedback (Slide Layer)



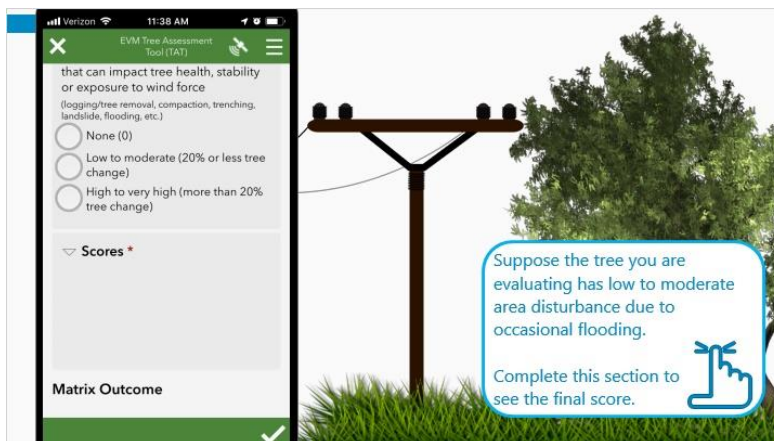
Correct (Slide Layer)



Correct 2 (Slide Layer)



2.19 Assess Tree Environment



Notes:

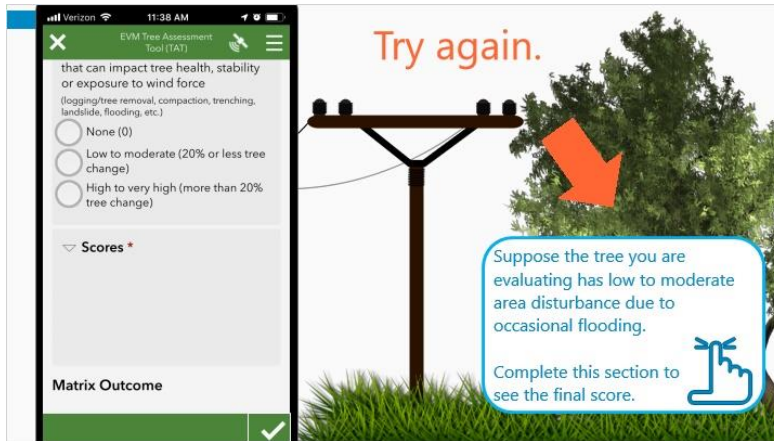
Finish this section by indicating the degree of area disturbance. Although the title is cut off, you learned about this field on a previous screen.

Score

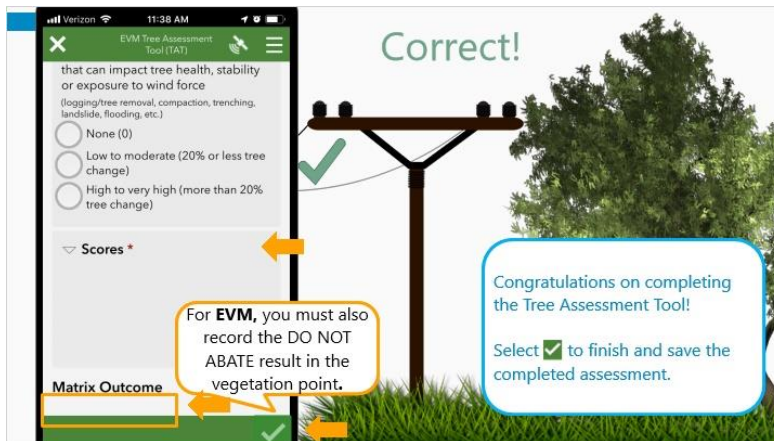
If the tool did not previously direct you to abate or not abate, the tool now calculates the final Health and Environment score and overall direction to abate or not abate. For this tree, the outcome is Do Not Abate. We'll soon look at another example of how this works. Select the checkmark to finish and save the completed assessment. Note that in VMPI, you don't have the option to save an incomplete assessment and return to it later. If you stop part way through and leave the tool, you will have to start over again.

For EVM patrols only, you must also record the DO NOT ABATE result in the tree point.

Incorrect Feedback (Slide Layer)



Score (Slide Layer)



2.20 Knowledge Check-Environment



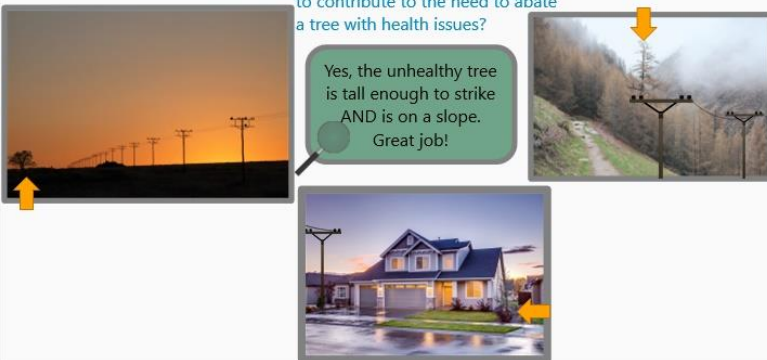
Notes:

Let's step back from the tool and look at what it is evaluating for environment. Environment alone is not reason to abate a healthy tree. However, if a tree has health issues AND has a high fire risk rating, or if surrounding trees show signs of risk, or if the slope, terrain, wind condition, or area disturbance increase risk, the tree may need to be abated. Given the three images shown, which tree environment is most likely to contribute to the need to abate a tree with health issues?

Correct (Slide Layer)

KNOWLEDGE CHECK-ENVIRONMENT

Which tree environment is most likely to contribute to the need to abate a tree with health issues?



Yes, the unhealthy tree is tall enough to strike AND is on a slope. Great job!

The slide features three images: a tree in a field with power lines (left), a tree on a steep slope (top right), and a tree in a residential yard (bottom center). A yellow arrow points to the tree on the slope, and a green callout box contains the text: "Yes, the unhealthy tree is tall enough to strike AND is on a slope. Great job!".

Incorrect1 (Slide Layer)

KNOWLEDGE CHECK-ENVIRONMENT

Which tree environment is most likely to contribute to the need to abate a tree with health issues?



No, tree is not tall enough to strike; lack of surrounding trees has low impact.

The slide features three images: a tree in a field with power lines (left), a tree on a steep slope (top right), and a tree in a residential yard (bottom center). A yellow arrow points to the tree in the field, and an orange callout box contains the text: "No, tree is not tall enough to strike; lack of surrounding trees has low impact.". A yellow arrow also points to the tree in the residential yard.

Incorrect2 (Slide Layer)

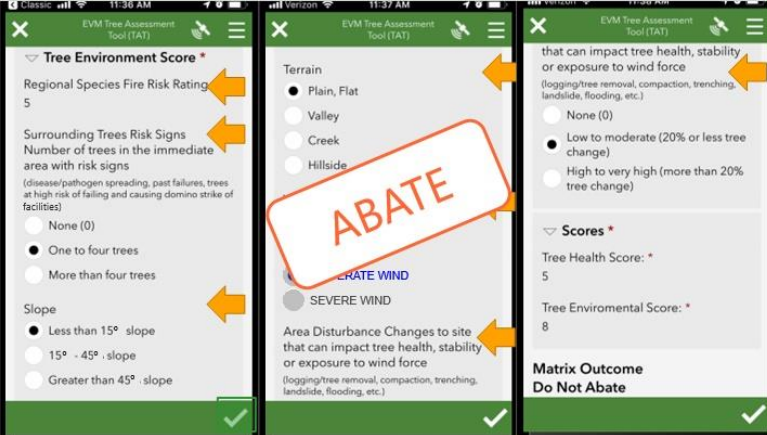
KNOWLEDGE CHECK-ENVIRONMENT

Which tree environment is most likely to contribute to the need to abate a tree with health issues?



No, tree is not tall enough to strike; flat grassland is medium impact.

Fields (Slide Layer)



Tree Environment Score *

Regional Species Fire Risk Rating: 5

Surrounding Trees Risk Signs: Number of trees in the immediate area with risk signs (disease/pathogen spreading, past failures, trees at high risk of falling and causing domino strike of facilities)

None (0)
One to four trees
More than four trees

Slope: Less than 15° slope, 15° - 45° slope, Greater than 45° slope

Terrain

Plain, Flat
Valley
Creek
Hillside

Area Disturbance Changes to site that can impact tree health, stability or exposure to wind force (logging/tree removal, compaction, trenching, landslide, flooding, etc.)

SEVERE WIND

that can impact tree health, stability or exposure to wind force (logging/tree removal, compaction, trenching, landslide, flooding, etc.)

None (0)
Low to moderate (20% or less tree change)
High to very high (more than 20% tree change)

Scores *

Tree Health Score: 5
Tree Environmental Score: 8


Matrix Outcome
Do Not Abate

2.21 Scenario

SCENARIO

Evaluate:

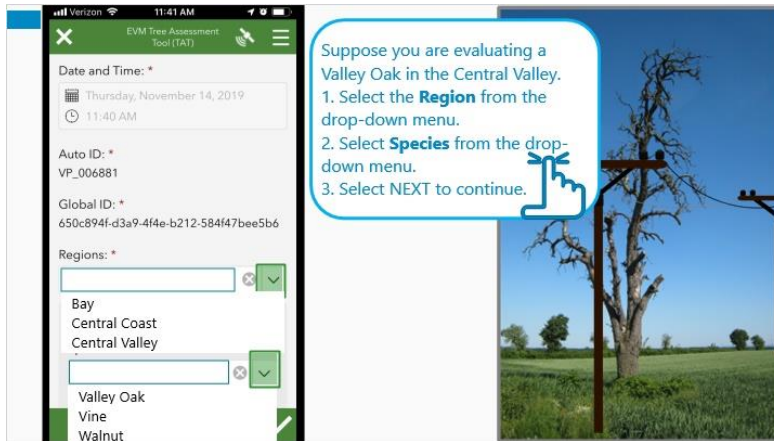
- Valley Oak species
- High Fire Threat District (EVM)
- Tall enough to strike



Notes:

Let's walk through another example of a tree that will require abatement. Complete Tree Assessment Tool fields to demonstrate this outcome.

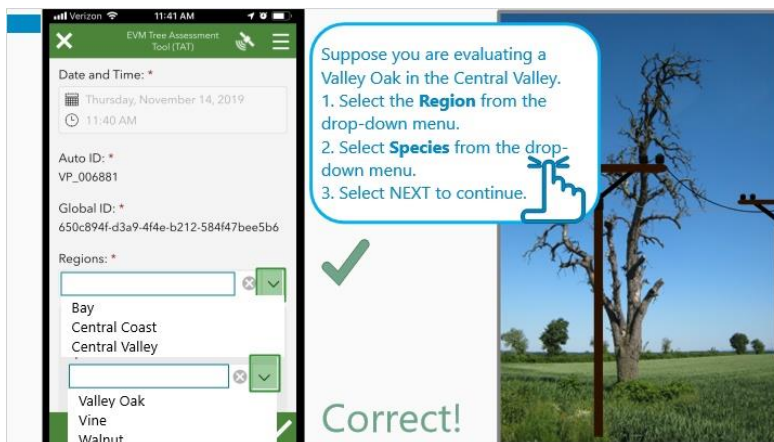
2.22 Select Region



Notes:

First you will enter the region and tree species. Use the drop-down menu to make these selections. Then select NEXT to continue.

Correct1 (Slide Layer)



Correct2 (Slide Layer)

Suppose you are evaluating a Valley Oak in the Central Valley.

1. Select the **Region** from the drop-down menu.
2. Select **Species** from the drop-down menu.
3. Select NEXT to continue.

Correct!

Incorrect Feedback (Slide Layer)

Suppose you are evaluating a Valley Oak in the Central Valley.

1. Select the **Region** from the drop-down menu.
2. Select **Species** from the drop-down menu.
3. Select NEXT to continue.

Try again.

2.23 Preliminary Strike Assessment

Preliminary Strike Assessment *

Is tree tall enough to strike the facilities? *

Yes

No

Yes

No

No

Towards Facilities

Away From Facilities

Parallel To Facilities

Suppose the tree you are evaluating:

- Is tall enough to strike,
- Is not blocked from falling, and
- Is leaning < 25 degrees toward facilities.

Complete this section. Then select NEXT to continue.

Notes:

Use the drop-down menu to make these selections.

Incorrect Feedback (Slide Layer)

The screenshot shows the 'Preliminary Strike Assessment' section of the EVM Tree Assessment Tool (TAT). The question is 'Is tree tall enough to strike the facilities?'. The user has selected 'No' for the first two questions and 'Towards Facilities' for the third. A red arrow points to the 'No' selection with the text 'Try again.'. A callout box contains the following text: 'Suppose the tree you are evaluating: • Is tall enough to strike, • Is not blocked from falling, and • Is leaning < 25 degrees toward facilities. Complete this section. Then select NEXT to continue.' The background image shows a tree near power lines.

Correct2 (Slide Layer)

The screenshot shows the 'Preliminary Strike Assessment' section of the EVM Tree Assessment Tool (TAT). The question is 'Is tree tall enough to strike the facilities?'. The user has selected 'Yes' for the first two questions and 'Parallel To Facilities' for the third. A green checkmark is next to the 'Parallel To Facilities' selection with the text 'Correct!'. A callout box contains the following text: 'Suppose the tree you are evaluating: • Is tall enough to strike, • Is not blocked from falling, and • Is leaning < 25 degrees toward facilities. Complete this section. Then select NEXT to continue.' The background image shows a tree near power lines.

Correct3 (Slide Layer)

The screenshot shows the 'Preliminary Strike Assessment' section of the EVM Tree Assessment Tool (TAT). It contains three questions, each with a dropdown menu and a green checkmark icon to its right. The questions are: 'Is tree tall enough to strike the facilities?', 'Is tree tall enough to strike the facilities?', and 'Is tree tall enough to strike the facilities?'. Below these are three radio button options: 'Towards Facilities', 'Away From Facilities', and 'Parallel To Facilities'. A large green checkmark is overlaid on the screen. To the right, a callout box says 'Correct!' and lists evaluation criteria: 'Is tall enough to strike', 'Is not blocked from falling, and', and 'Is leaning < 25 degrees toward facilities'. It also says 'Complete this section. Then select NEXT to continue.' with a hand icon pointing to a 'NEXT' button. The background image shows a tree next to a utility pole.

Correct1 (Slide Layer)

This screenshot is identical to the one above, showing the 'Preliminary Strike Assessment' section of the EVM Tree Assessment Tool (TAT). It contains three questions, each with a dropdown menu and a green checkmark icon to its right. The questions are: 'Is tree tall enough to strike the facilities?', 'Is tree tall enough to strike the facilities?', and 'Is tree tall enough to strike the facilities?'. Below these are three radio button options: 'Towards Facilities', 'Away From Facilities', and 'Parallel To Facilities'. A large green checkmark is overlaid on the screen. To the right, a callout box says 'Correct!' and lists evaluation criteria: 'Is tall enough to strike', 'Is not blocked from falling, and', and 'Is leaning < 25 degrees toward facilities'. It also says 'Complete this section. Then select NEXT to continue.' with a hand icon pointing to a 'NEXT' button. The background image shows a tree next to a utility pole.

2.24 Tree Health

The screenshot shows the 'Tree Health Score' section of the EVM Tree Assessment Tool (TAT). It contains two questions: 'Is the tree leaning severely (>25 degrees)?' and 'Is the tree dead?'. The first question has a dropdown menu with 'No' selected. The second question has a dropdown menu with 'No' selected. Below these are two radio button options: 'Yes' and 'No'. There is also an 'Attach Photos' section with a 'Photo 1' label and icons for a camera and a folder. A large green checkmark is overlaid on the screen. To the right, a callout box says 'Correct!' and lists evaluation criteria: 'Is tall enough to strike', 'Is not blocked from falling, and', and 'Is leaning < 25 degrees toward facilities'. It also says 'Complete this section. Then select NEXT to continue.' with a hand icon pointing to a 'NEXT' button. The background image shows a tree next to a utility pole.

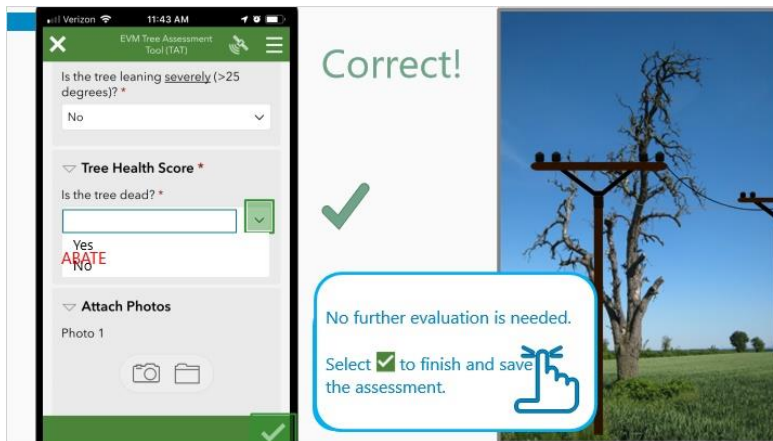
Notes:

Given the tree information, use the drop-down menu to enter this field.

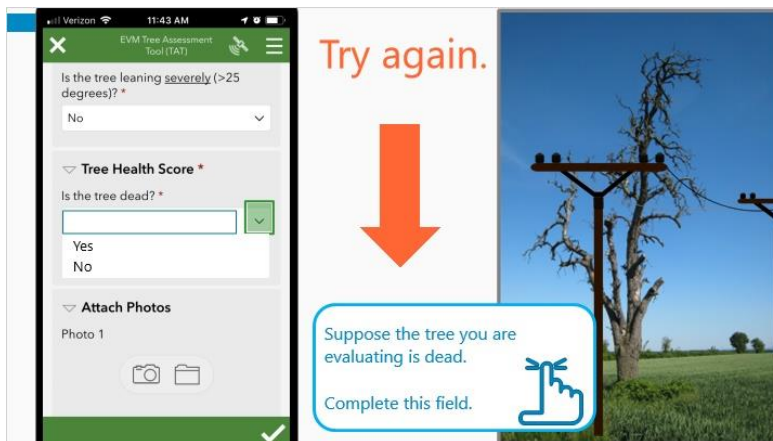
Abate

Notice that when you select YES the tree is dead, the tool immediately provides direction to abate the tree. No further evaluation is needed. Select the checkmark button to finish and save the assessment.

Correct (Slide Layer)



Incorrect Feedback (Slide Layer)



2.25 Scenario

SCENARIO

Evaluate:

- Monterey Pine species
- High Fire Threat District (EVM)
- Tall enough to strike



Notes:

Now that you've used the tool, it's time for you to evaluate a tree without prompting. Select NEXT to continue.

2.26 Try It-Region and Species

TRY IT

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🌳

EVM Tree Assessment Tool (TAT)

Thursday, November 14, 2019
11:40 AM

Auto ID: *
VP_006881

Global ID: *
650c894f-d3a9-4f4e-b212-584f47bee5b6

Regions: *

North Coast
North Valley
Sierra

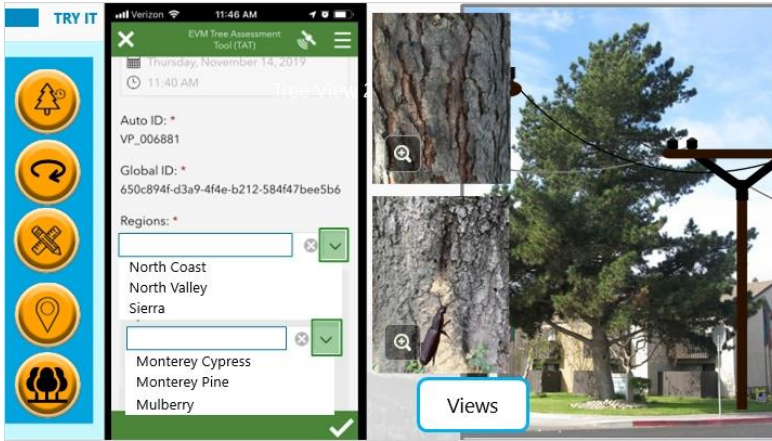
Monterey Cypress
Monterey Pine
Mulberry

Hint

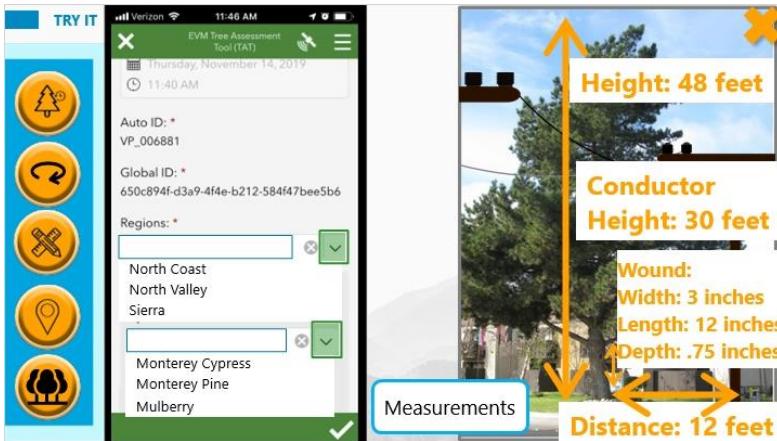
Notes:

Suppose you've already created the vegetation point for the tree you are evaluating and have accessed the Tree Assessment Tool. Use the buttons on the left to obtain tree information, then complete all fields until you reach the end or are directed otherwise. Select NEXT to take you to the next set of fields.

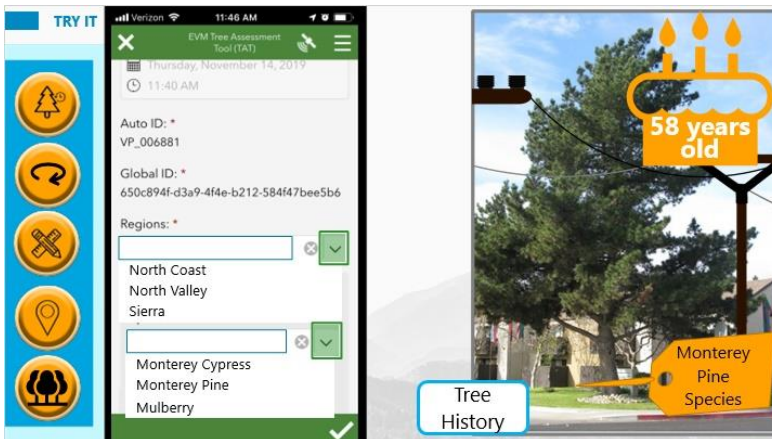
Views Layer (Slide Layer)



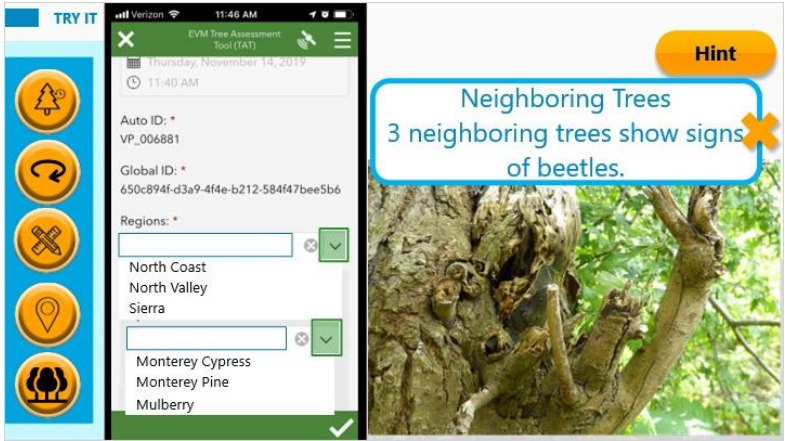
Measurement Layer (Slide Layer)



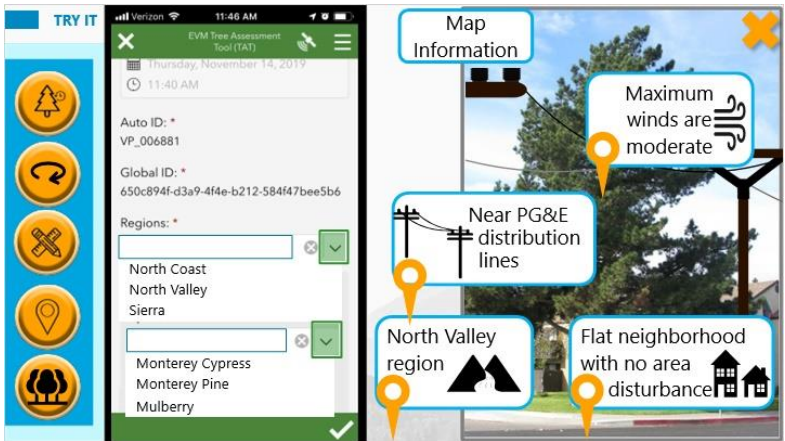
Tree History Layer (Slide Layer)



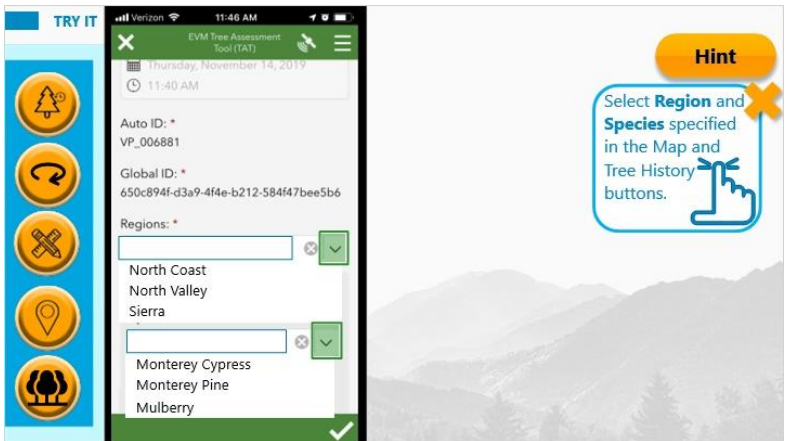
Neighboring Trees (Slide Layer)



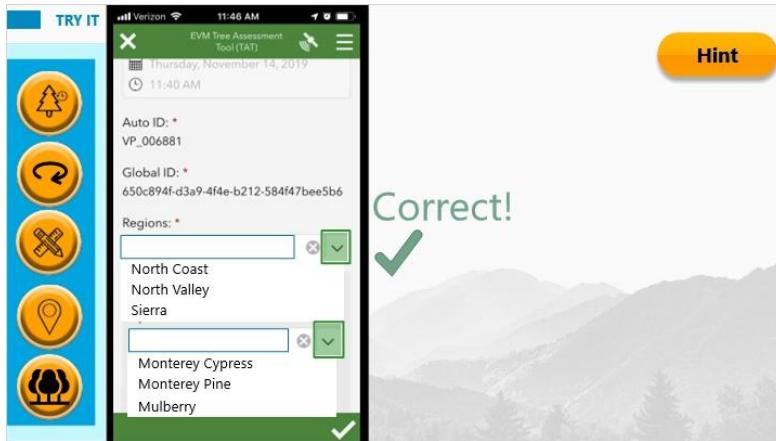
Map (Slide Layer)



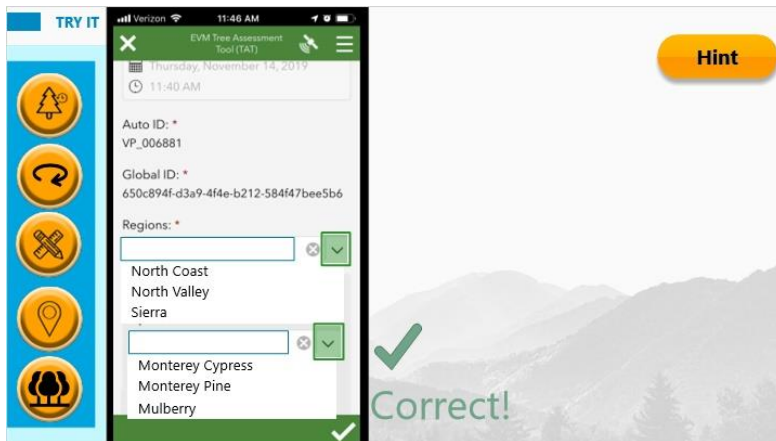
Hint (Slide Layer)



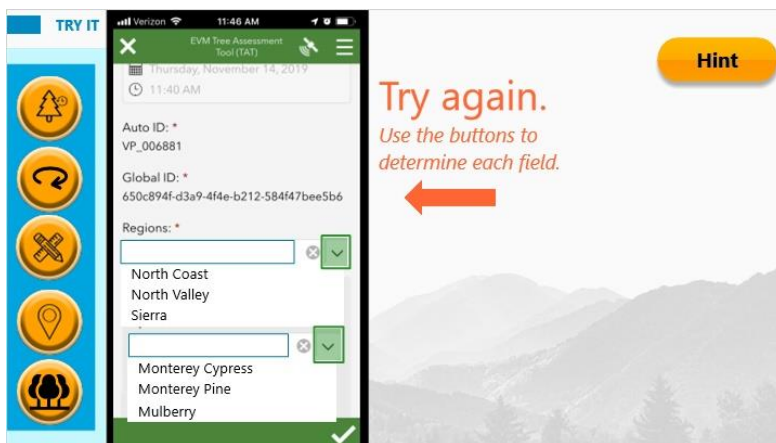
Correct1 (Slide Layer)



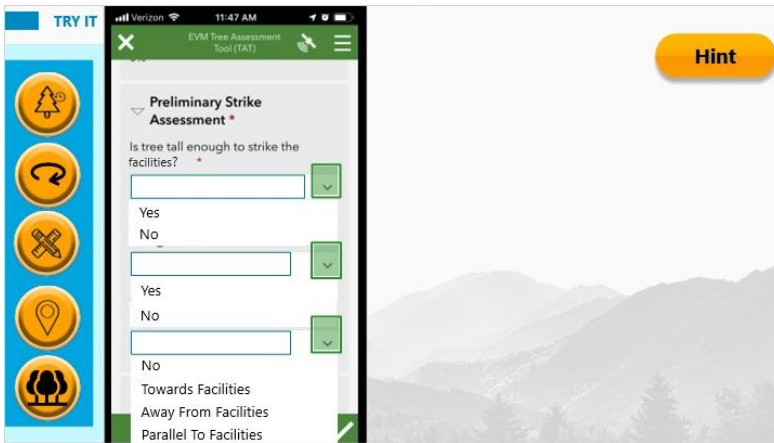
Correct2 (Slide Layer)



Incorrect Feedback (Slide Layer)

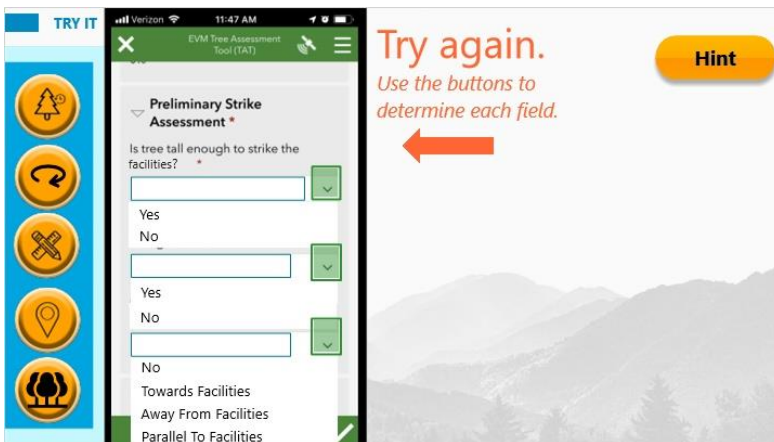


2.27 Try It-Preliminary Strike Assessment

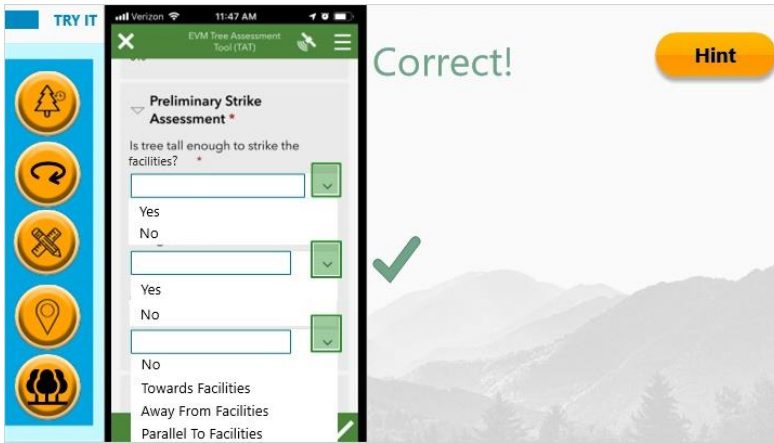


Notes:

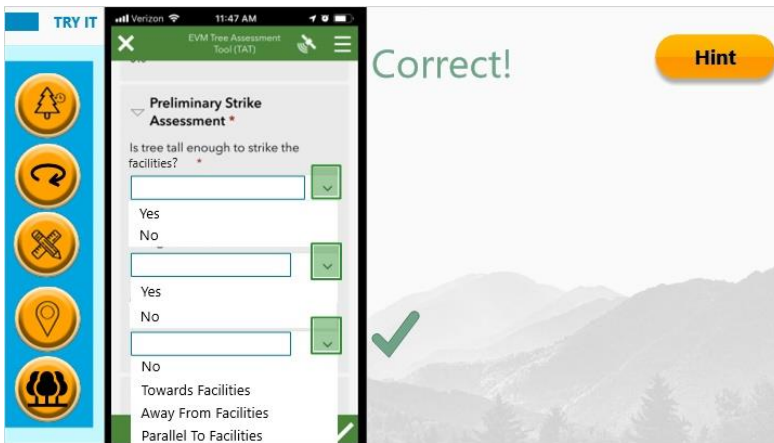
Incorrect Feedback (Slide Layer)



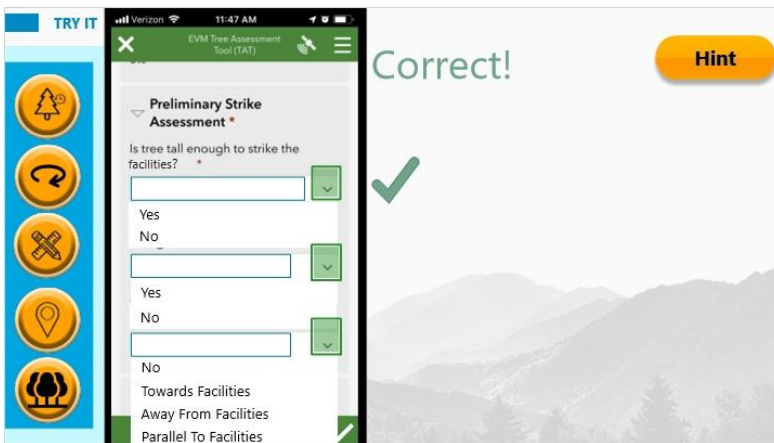
Correct2 (Slide Layer)



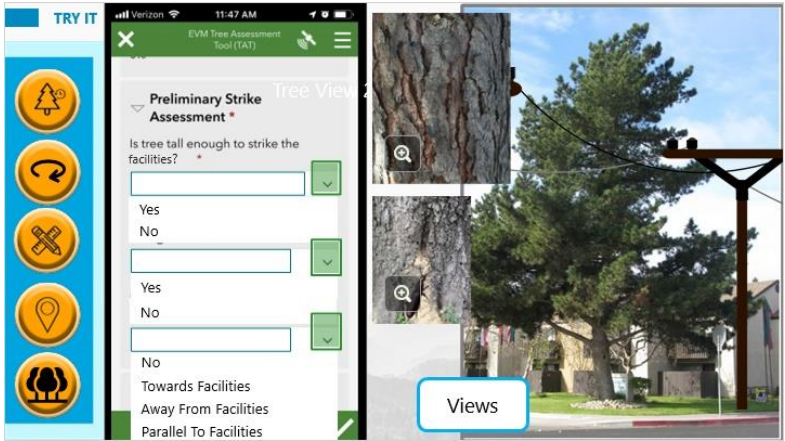
Correct3 (Slide Layer)



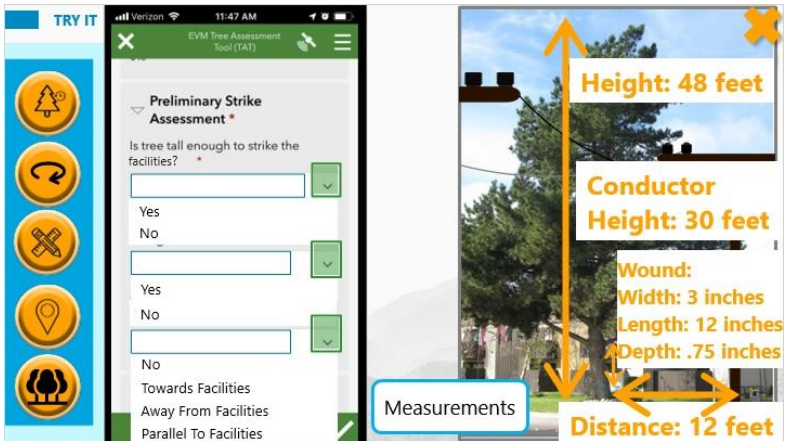
Correct1 (Slide Layer)



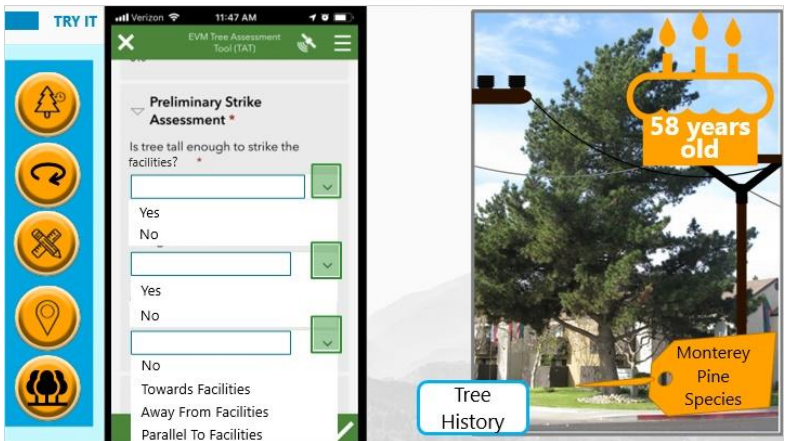
Views Layer (Slide Layer)



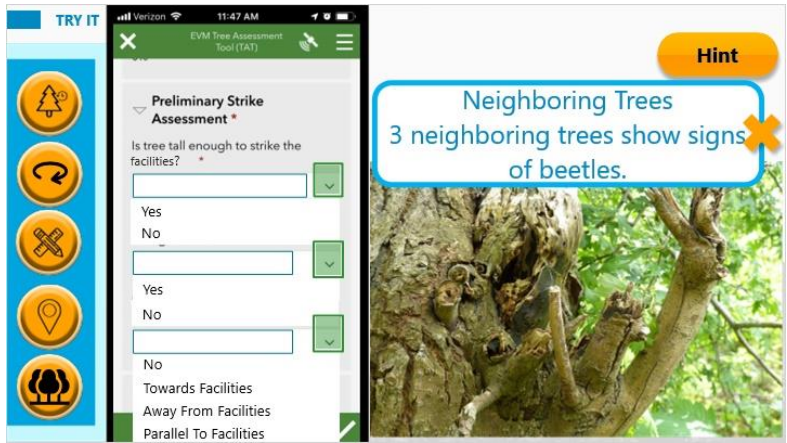
Measurement Layer (Slide Layer)



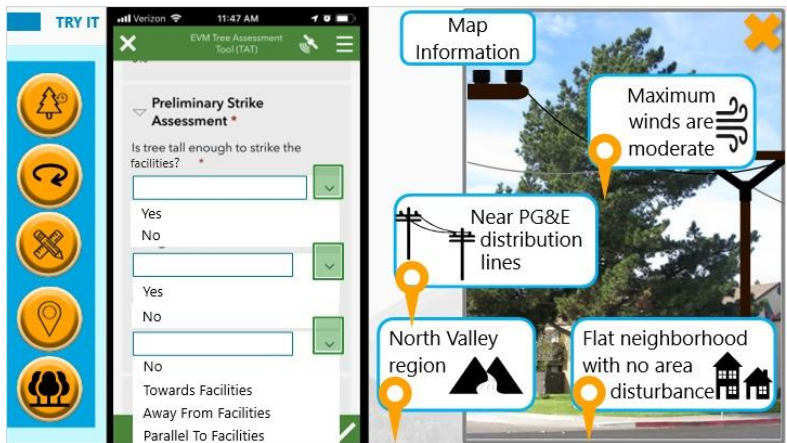
Tree History Layer (Slide Layer)



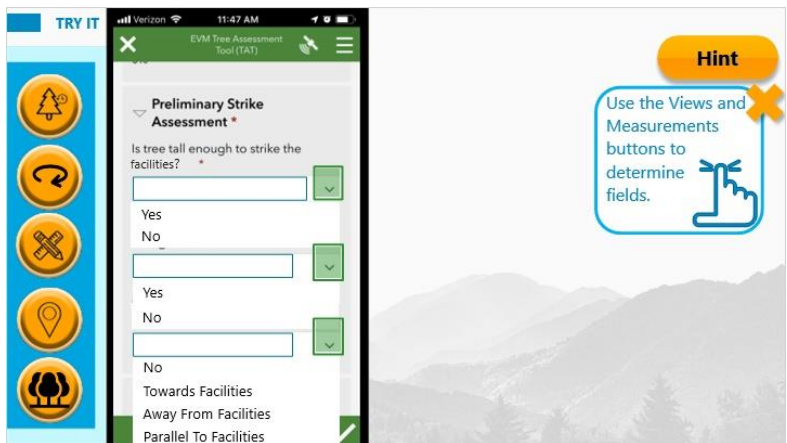
Neighboring Trees (Slide Layer)



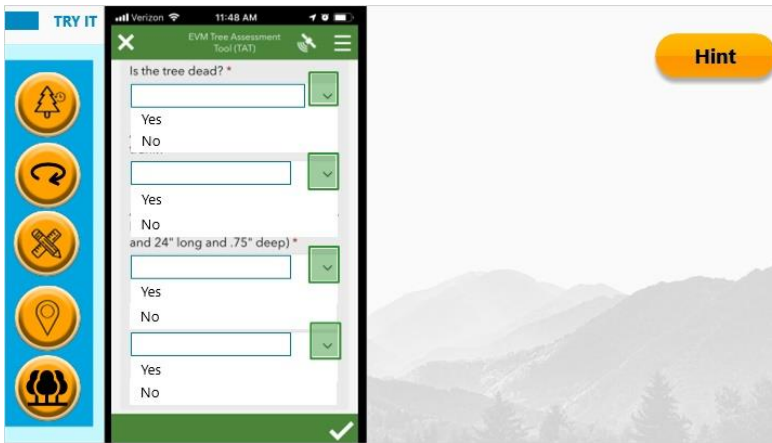
Map (Slide Layer)



Hint (Slide Layer)

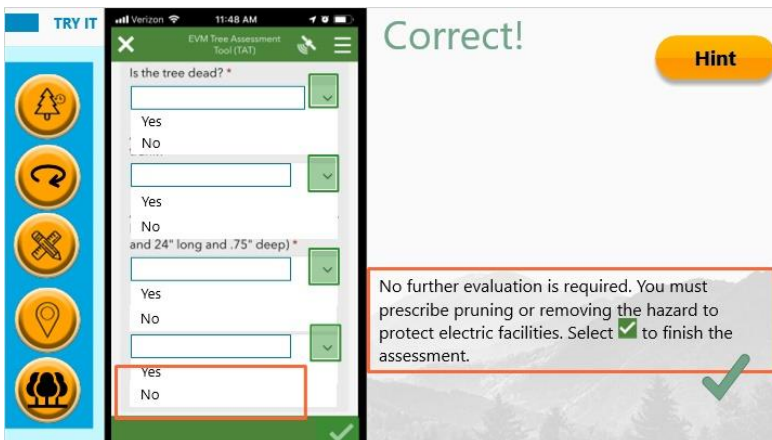


2.28 Try It-Tree Health

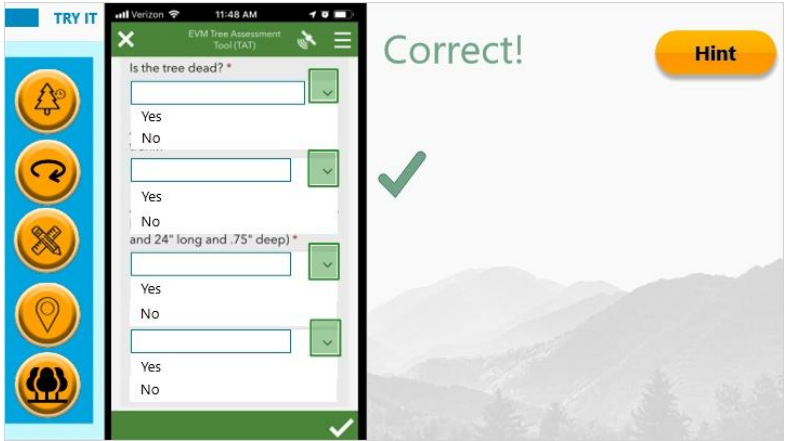


Notes:

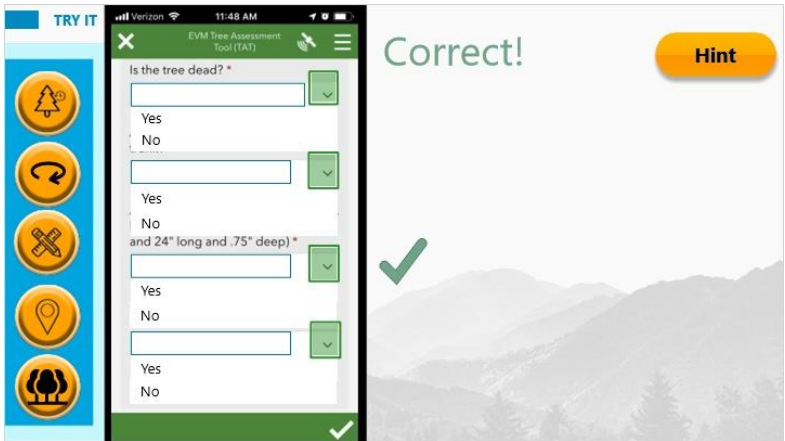
Abate (Slide Layer)



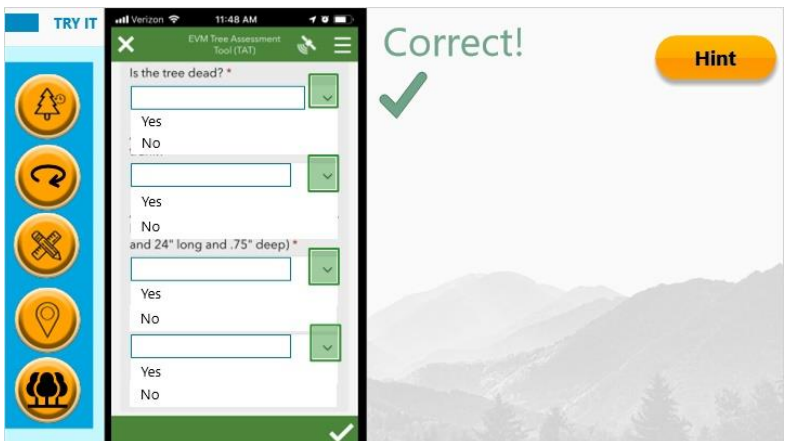
Correct2 (Slide Layer)



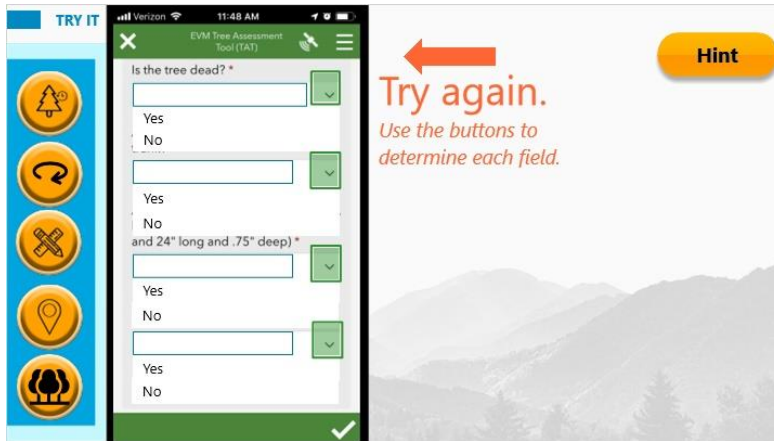
Correct3 (Slide Layer)



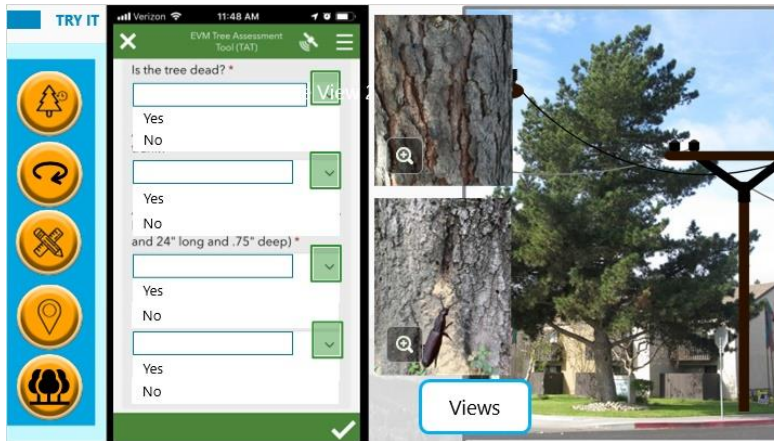
Correct1 (Slide Layer)



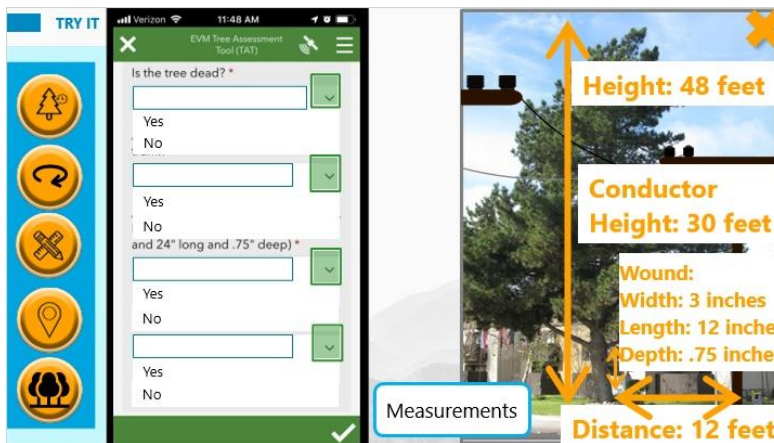
Incorrect Feedback (Slide Layer)



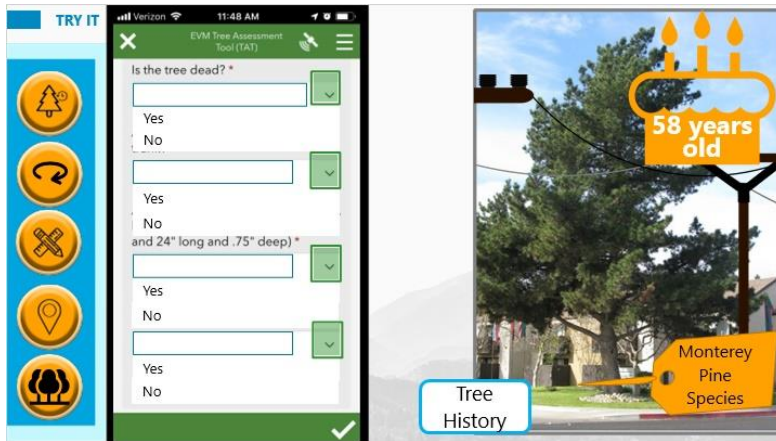
Views Layer (Slide Layer)



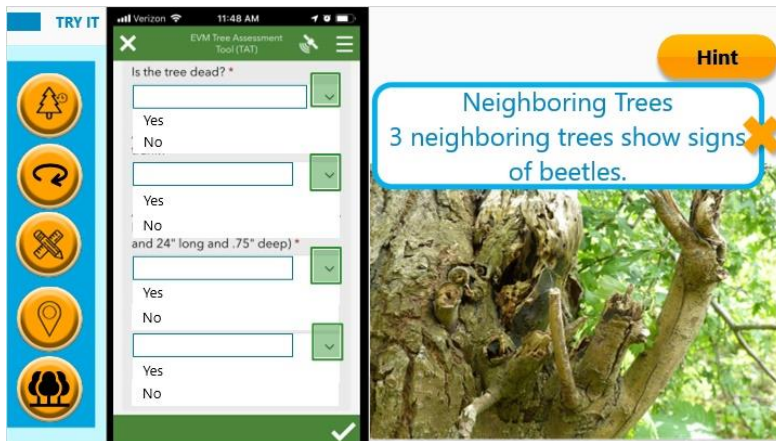
Measurement Layer (Slide Layer)



Tree History Layer (Slide Layer)



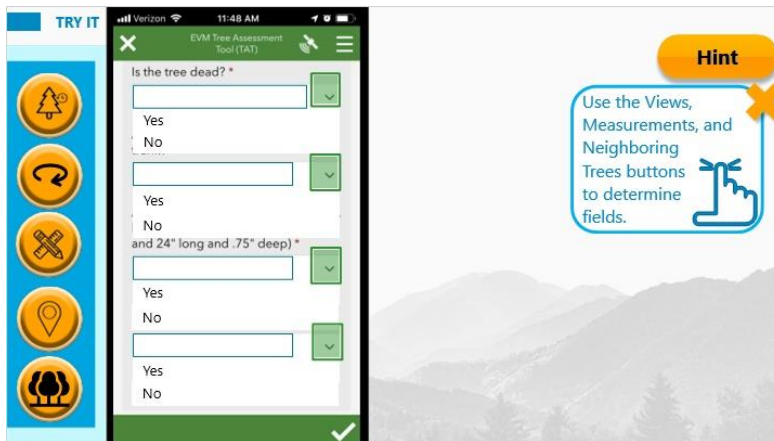
Neighboring Trees (Slide Layer)



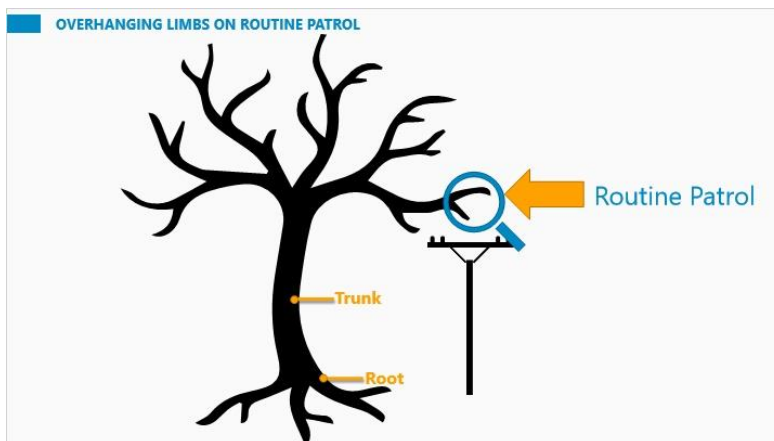
Map (Slide Layer)



Hint (Slide Layer)



2.29 Overhanging Limbs ON ROUTINE PATROL



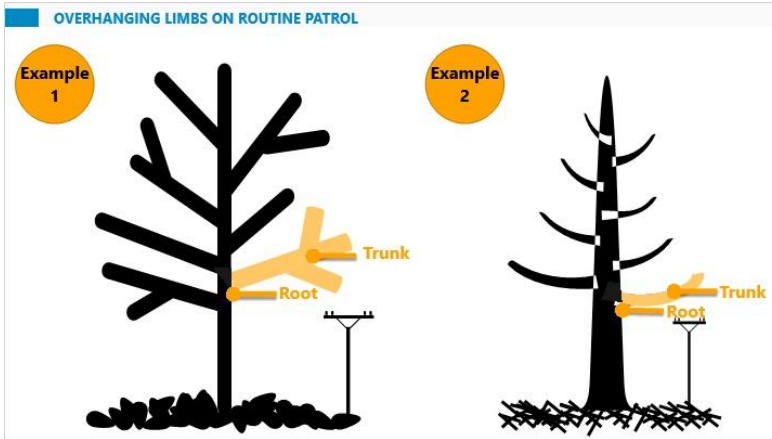
Notes:

Now that you're comfortable using the Tree Assessment Tool, you need to know that it is designed to assess the potential for root and trunk failures. When applying the tool to evaluate lateral branches, which you will do on Routine patrols, TAT questions must be interpreted differently than when evaluating for root and trunk failures. For lateral branch failure evaluation, you must:

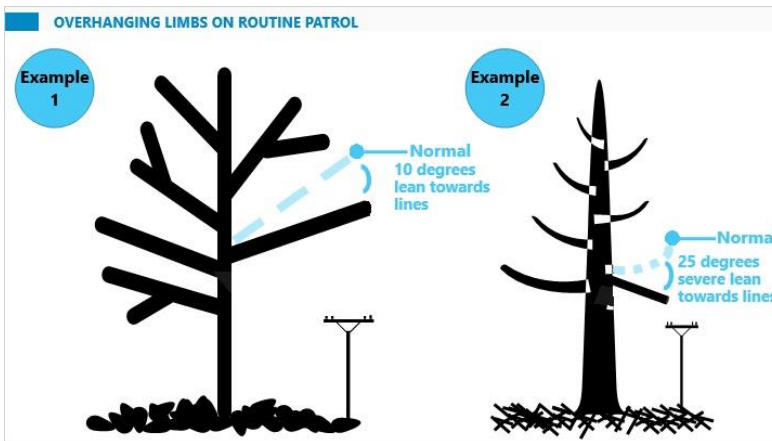
1. Evaluate tree stem connections as roots and stems as trunks.
2. Evaluate lean using a deviation from the normal angle used, where normal is based on other tree branches.
3. Evaluate wounds using modified wound dimensions.

For more information, refer to the "Using the TAT to Evaluate lateral Branches for Possible Failure" job aid.

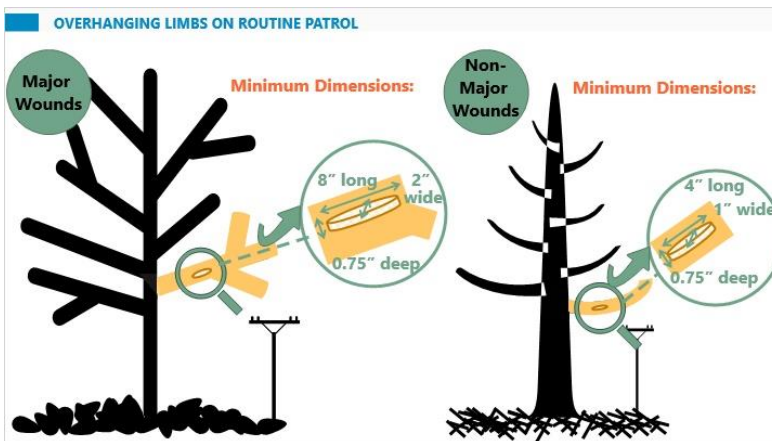
RootTrunk (Slide Layer)



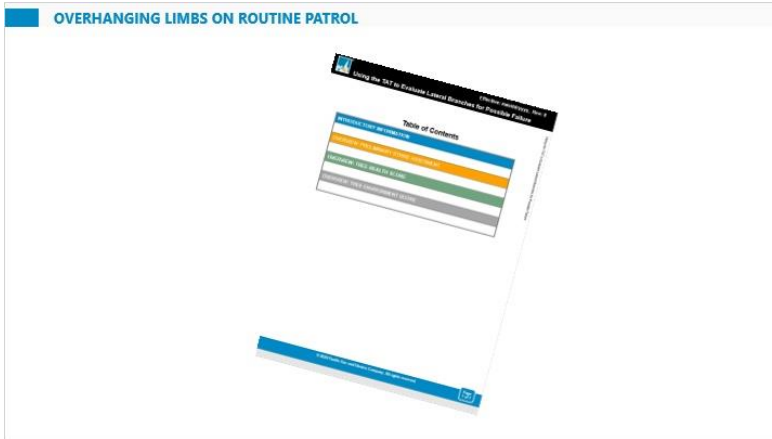
Lean (Slide Layer)



Wound (Slide Layer)



Job Aid (Slide Layer)



2.30 Module 1- Assessment Instructions

MODULE ASSESSMENT INSTRUCTIONS

Complete the assessment to test your knowledge of the module content. If you do not receive a passing score, you can retry the assessment or review the module content.

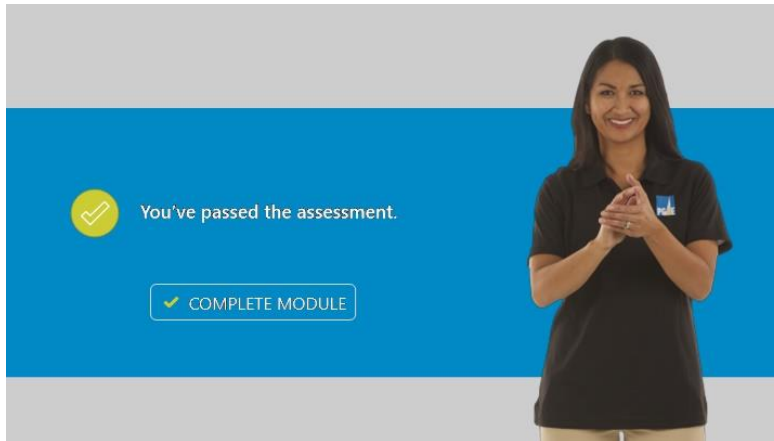
| | | |
|--|---|--|
| Questions | 3 | Click in shape to update |
| You will only try questions you missed in the pre-assessment | | |
| Required Score | % | This updates based on the Module Results slide Passing Score |

After answering each question, select **SUBMIT** at the bottom of the screen.

Notes:

Congratulations on completing the Tree Assessment Tool. Please read these brief instructions. You must receive a passing score of 100% on the module assessment. You have unlimited tries.

Passed Assessment (Slide Layer)



2.31 Module 1 Summary



Notes:

In this module you learned that trees with strike potential that are located in High Fire Threat Districts require using the Tree Assessment Tool.

You completed the Tree Assessment Tool for a given scenario. Specifically, you learned to complete:

- Region and species,
- Preliminary strike analysis information,
- Tree health questions and conditions, and
- Tree environment information.
-




Based on your input, the Tree Assessment Tool automatically directs action to stop or continue, and outcomes to abate or not abate.

3. Assessments

3.1 Pre-Assessment Instructions

PRE-ASSESSMENT INSTRUCTIONS

Complete the pre-assessment to test your knowledge of the course content. If you demonstrate mastery of a topic you do not need to review the related module in the course.

| | | |
|--------------------------|---|--|
| Course Modules |  | This updates based on the <i>HowManyModules</i> variable |
| Pre-Assessment Questions |  | Click in shape to update |
| Required Score |  | Should always be 100% |

After answering each question, select **SUBMIT** at the bottom of the screen.

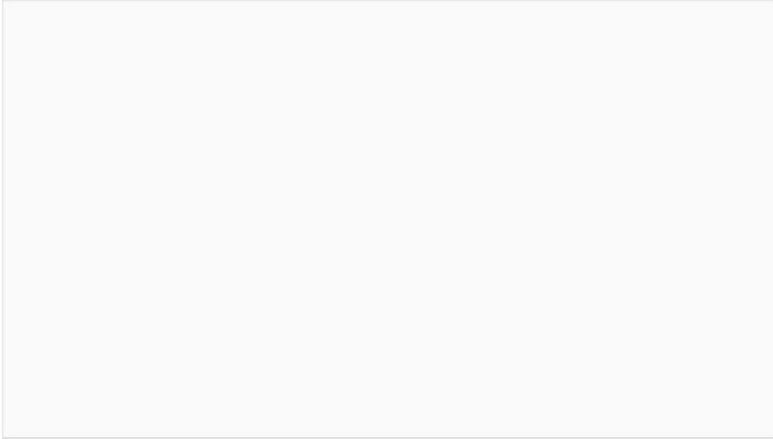
Notes:

3.2 Module 1 Questions

Draw all questions in order from Assessment Module 1

3.3 Module 1 Results Slide

(Results Slide, 0 points, 1 attempt permitted)



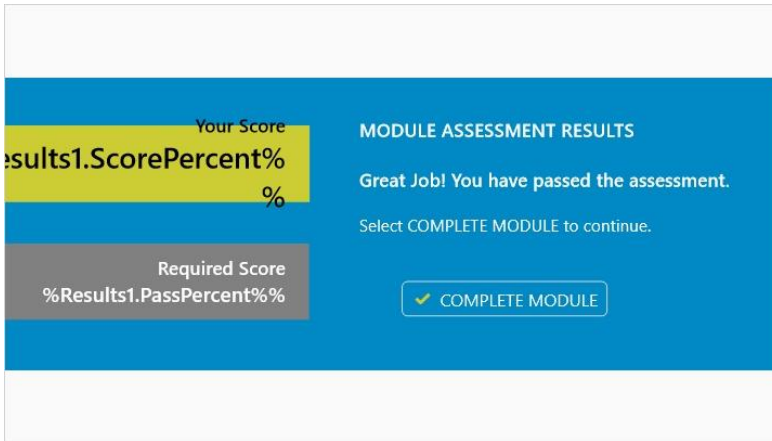
| |
|------------------------|
| Results for |
| 3.2 Module 1 Questions |

Result slide properties

Passing 100%

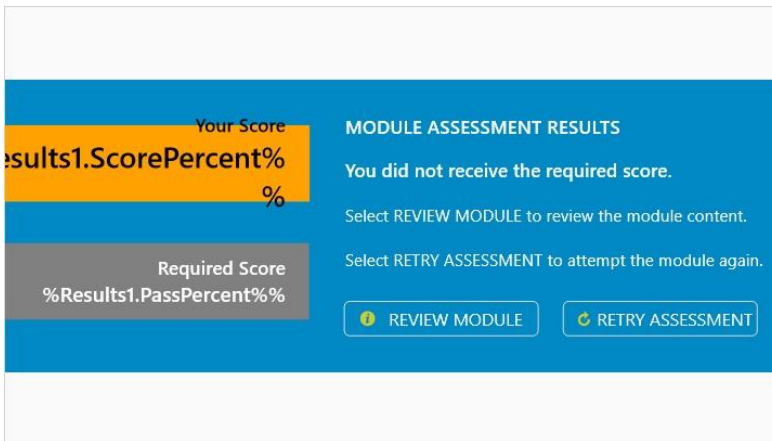
Score

Success (Slide Layer)



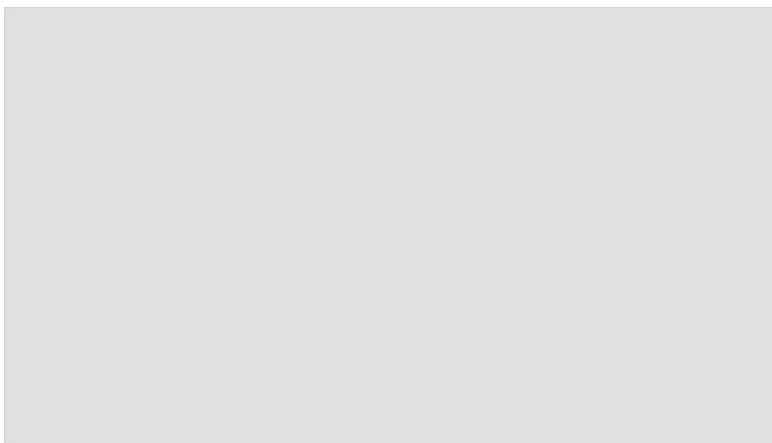
The screenshot shows a success message slide. On the left, there are two score indicators: 'Your Score' with a value of 'Results1.ScorePercent%' and 'Required Score' with a value of '%Results1.PassPercent%'. The 'Your Score' indicator is highlighted in yellow. The main content area has a blue background with the title 'MODULE ASSESSMENT RESULTS' and the message 'Great Job! You have passed the assessment.' Below this, it says 'Select COMPLETE MODULE to continue.' and features a button labeled 'COMPLETE MODULE' with a checkmark icon.

Failure (Slide Layer)



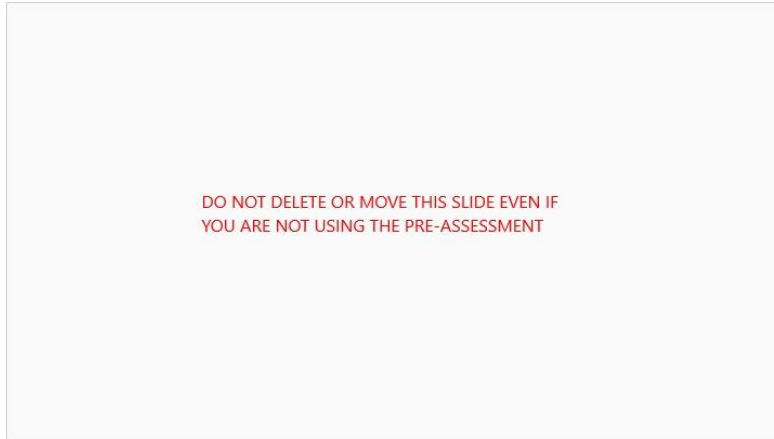
The screenshot shows a failure message slide. On the left, there are two score indicators: 'Your Score' with a value of 'Results1.ScorePercent%' and 'Required Score' with a value of '%Results1.PassPercent%'. The 'Your Score' indicator is highlighted in orange. The main content area has a blue background with the title 'MODULE ASSESSMENT RESULTS' and the message 'You did not receive the required score.' Below this, it says 'Select REVIEW MODULE to review the module content.' and 'Select RETRY ASSESSMENT to attempt the module again.' There are two buttons: 'REVIEW MODULE' with an information icon and 'RETRY ASSESSMENT' with a refresh icon.

PreAssess (Slide Layer)



3.4 PreAssessment Results Slide

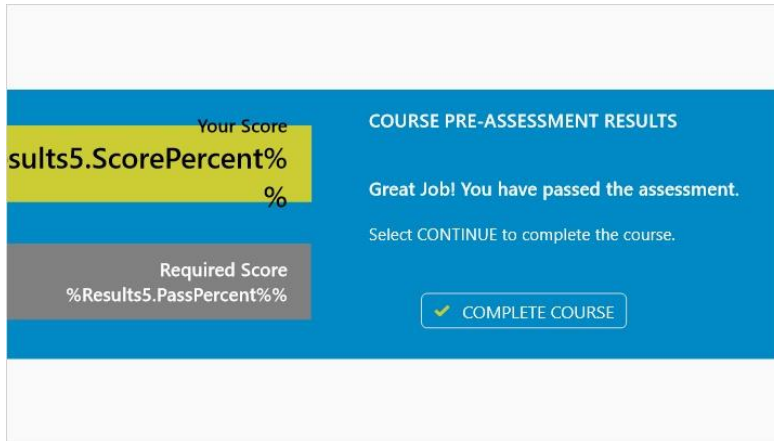
(Results Slide, 0 points, 1 attempt permitted)



Result slide properties

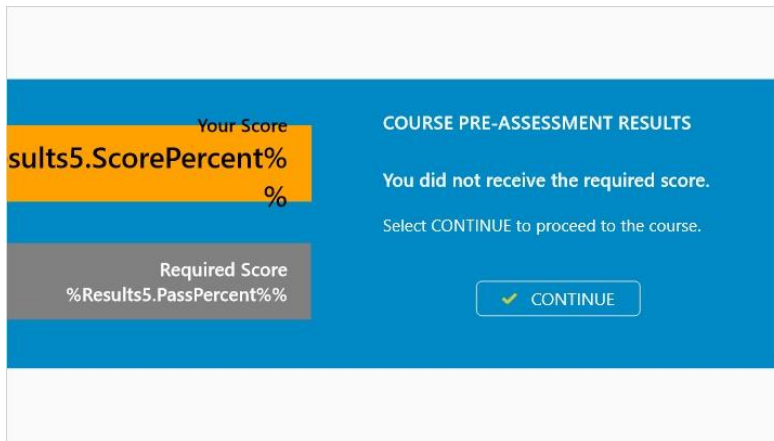
| | |
|---------|------|
| Passing | 100% |
| Score | |

Success (Slide Layer)



The screenshot shows a success message for a course pre-assessment. On the left, there are two boxes: a yellow one for 'Your Score' and a grey one for 'Required Score'. The 'Your Score' box contains the text 'sults5.ScorePercent%' followed by a percentage sign. The 'Required Score' box contains the text '%Results5.PassPercent%%'. On the right, the text reads 'COURSE PRE-ASSESSMENT RESULTS', 'Great Job! You have passed the assessment.', and 'Select CONTINUE to complete the course.' Below this text is a button with a checkmark icon and the text 'COMPLETE COURSE'.

Failure (Slide Layer)

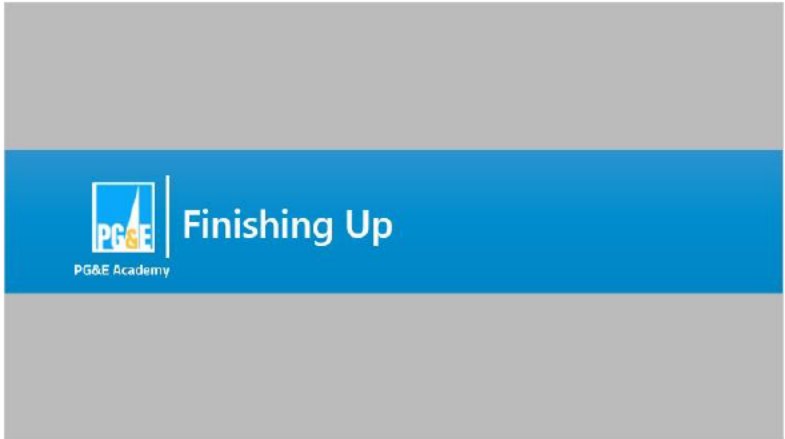


The screenshot shows a failure message for a course pre-assessment. On the left, there are two boxes: an orange one for 'Your Score' and a grey one for 'Required Score'. The 'Your Score' box contains the text 'sults5.ScorePercent%' followed by a percentage sign. The 'Required Score' box contains the text '%Results5.PassPercent%%'. On the right, the text reads 'COURSE PRE-ASSESSMENT RESULTS', 'You did not receive the required score.', and 'Select CONTINUE to proceed to the course.' Below this text is a button with a checkmark icon and the text 'CONTINUE'.

4. Finishing Up

4.1 Finishing Up - DO NOT DELETE

(Pick One, 1 points, 1 attempt permitted)

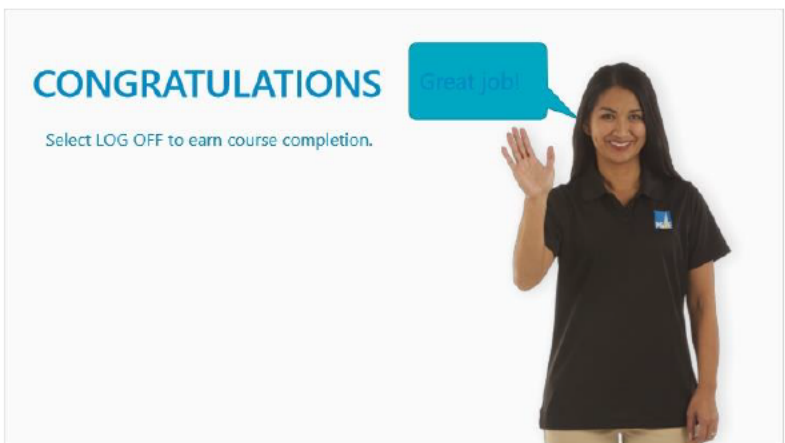


| Correct | Choice |
|---------|--------|
| X | Yes |
| | No |

Notes:

4.2 *** Course Summary ***

(Results Slide, 0 points, 1 attempt permitted)



Results for

4.1 Finishing Up - DO NOT DELETE

Result slide properties

Passing

0%

Score

Notes:

Congratulations on completing the course. Select LOG OFF to earn course completion.

5. Help

5.1 Taking This Course

Hover over the information buttons to learn more.

TRANSCRIPT

In this module you'll learn what regulations give us the ability to access information regarding the chemicals around us. You'll also learn what a hazardous material is and what a hazardous waste is. Finally, you'll learn what an MSDS/SDS is and what information it contains.

IN THIS MODULE

- Identify regulations related to hazardous materials
- Define hazardous material, hazardous waste and MSDS/SDS

Select this triangle when it appears to view your course progress.

PREV NEXT

If you have completion or other technical problems, [Contact the PG&E Academy Help Desk](#) by opening the link and completing the form. (NOTE: The form may take a few seconds to open.)

Notes:

6. Question Templates

6.1 Multiple Response

(Multiple Response, 1 points, 1 attempt permitted)

%X_QuestionTitle%

Select the correct answers and SUBMIT your response.

Multiple Response

Correct

Correct

Distractor

| Correct | Choice |
|---------|------------|
| X | Correct |
| X | Correct |
| | Distractor |

Feedback when correct:

Add additional feedback here.

Feedback when incorrect:

Add additional feedback here.

Correct! (Slide Layer)

%x_QuestionTitle%
Select the correct answers and SUBMIT your response.

Multiple Response

- Correct
- Correct
- Distractor

apply the animation to any added objects

Correct!
That's the right answer.

Add additional feedback here.

CONTINUE

Incorrect (Slide Layer)

%x_QuestionTitle%
Select the correct answers and SUBMIT your response.

Multiple Response

- Correct
- Correct
- Distractor

apply the animation to any added objects

Incorrect
That's not the right answer

Add additional feedback here.

CONTINUE

PreAssess (Slide Layer)

%x_QuestionTitle%
Select the correct answers and SUBMIT your response.

Multiple Response

- Correct
- Correct
- Distractor

6.2 Multiple Choice

(Multiple Choice, 1 points, 1 attempt permitted)

%x_QuestionTitle%
Select the correct answer and **SUBMIT** your response.

Multiple Choice

Distractor

Distractor

Correct

| Correct | Choice |
|---------|------------|
| | Distractor |
| | Distractor |
| X | Correct |

Feedback when correct:

Add additional feedback here.

Feedback when incorrect:

Add additional feedback here.

Correct! (Slide Layer)

%x_QuestionTitle%
Select the correct answer and SUBMIT your response.

Multiple Choice

Distractor

Distractor

Correct

apply the animation to any added objects

Correct!
That's the right answer.

Add additional feedback here.

CONTINUE

Incorrect (Slide Layer)

%x_QuestionTitle%
Select the correct answer and SUBMIT your response.

Multiple Choice

Distractor

Distractor

Correct

apply the animation to any added objects

Incorrect
That's not the right answer.

Add additional feedback here.

CONTINUE

PreAssess (Slide Layer)

%x_QuestionTitle%
Select the correct answer and SUBMIT your response.

Multiple Choice

Distractor

Distractor




Correct

6.3 Select the definition for each shape.

(Sequence Drop-down, 1 points, 1 attempt permitted)

%x_QuestionTitle%
Select a unique answer from each drop-down and SUBMIT your response.

Select the definition for each shape.

| | |
|---------------------------------------|---|
| <input type="text" value="Square"/> |  |
| <input type="text" value="Triangle"/> |  |
| <input type="text" value="Pac Man"/> |  |

| Correct Order |
|---------------|
| Square |
| Triangle |
| Pac Man |

Feedback when correct:

You selected the correct response.


Feedback when incorrect:


You did not select the correct response.


That's Right! (Slide Layer)

%x_QuestionTitle%
Select a unique answer from each drop-down and SUBMIT your response.

Select the definition for each shape.

Square 

Triangle 

Pac Man  *apply the animation to any added objects*


That's Right!
Those are the right answers. | You selected the correct response.


CONTINUE


Sorry! (Slide Layer)

%x_QuestionTitle%
Select a unique answer from each drop-down and SUBMIT your response.

Select the definition for each shape.

Square 

Triangle 

Pac Man  *apply the animation to any added objects*


Sorry!
That's not the right answer. | You did not select the correct response.


CONTINUE


PreAssess (Slide Layer)

%x_QuestionTitle%
Select a unique answer from each drop-down and SUBMIT your response.

Select the definition for each shape.

Square 

Triangle 

Pac Man 

6.4 Type your Fill-in the Blank question here.

(Fill-in-the-Blank, 1 points, 1 attempt permitted)

%x_QuestionTitle%
Enter your text answer in the field below and SUBMIT your response.

Type your Fill-in the Blank question here.

Enter your response here

| |
|---------|
| Choice |
| Correct |

Feedback when correct:

Add additional feedback here!

Feedback when incorrect:

Add additional feedback here!

Correct! (Slide Layer)

%x_QuestionTitle%
Enter your text answer in the field below and SUBMIT your response.

Type your Fill-in the Blank question here.

Enter your response here

apply the animation to any added objects

Correct!
That's right.

Add additional feedback here!

CONTINUE

Not Quite (Slide Layer)

%x_QuestionTitle%
Enter your text answer in the field below and SUBMIT your response.

Type your Fill-in the Blank question here.

Enter your response here

apply the animation to any added objects

Not Quite
That's not the correct response.

Add additional feedback here!

CONTINUE

PreAssess (Slide Layer)

%x_QuestionTitle%
Enter your text answer in the field below and SUBMIT your response.

Type your Fill-in the Blank question here.

Enter your response here

6.5 Type the Sequence question here.

(Sequence Drag-and-Drop, 1 points, 1 attempt permitted)

%x_QuestionTitle%
Drag the objects into the correct sequence and SUBMIT your response.

Type the Sequence question here.

- Choice 1
- Choice 2
- Choice 3
- Choice 4

| Correct Order |
|---------------|
| Choice 1 |
| Choice 2 |
| Choice 3 |
| Choice 4 |

Feedback when correct:

Add additional Feedback Here

Feedback when incorrect:

Add additional feedback here.

That's Right! (Slide Layer)

%x_QuestionTitle%
Drag the objects into the correct sequence and SUBMIT your response.

Type the Sequence question here.

- Choice 1
- Choice 2
- Choice 3
- Choice 4

apply the animation to any added objects

That's Right!
That's the correct response.

Add additional Feedback Here

CONTINUE

Incorrect (Slide Layer)

%x_QuestionTitle%
Drag the objects into the correct sequence and SUBMIT your response.

Type the Sequence question here.

- Choice 1
- Choice 2
- Choice 3
- Choice 4

apply the animation to any added objects

Incorrect
You did not select the correct response.

Add additional feedback here.

CONTINUE

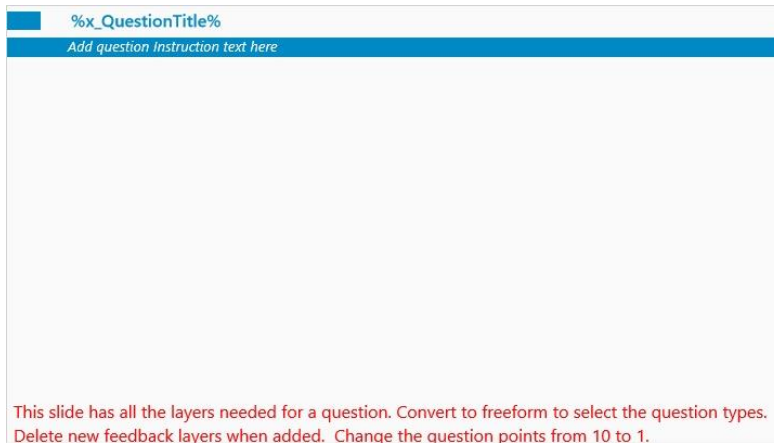
PreAssess (Slide Layer)

%x_QuestionTitle%
Drag the objects into the correct sequence and SUBMIT your response.

Type the Sequence question here.

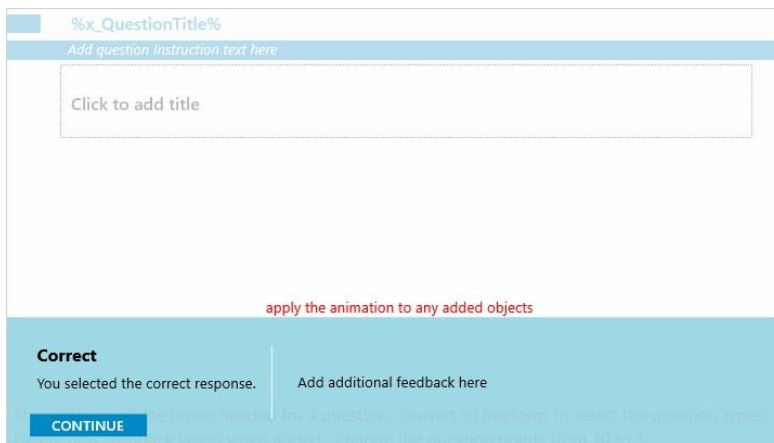
- Choice 1
- Choice 2
- Choice 3
- Choice 4

6.6 Freeform Question Template



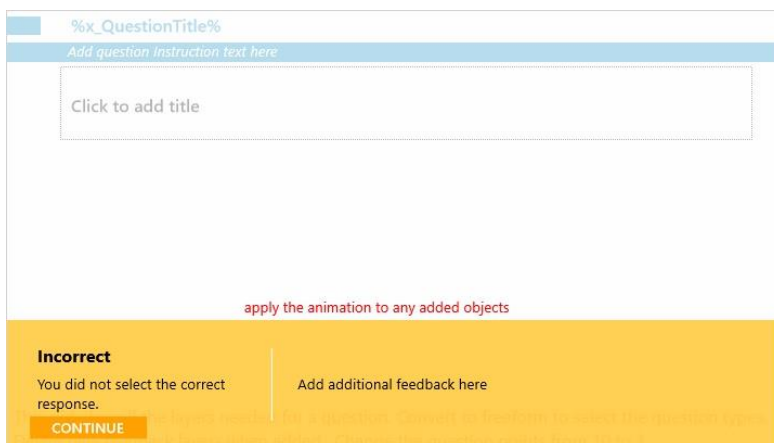
The screenshot shows a slide template for a freeform question. At the top, there is a blue header bar with the text "%x_QuestionTitle%" and "Add question instruction text here" below it. The main content area is a large, empty white rectangle. At the bottom, there is a red text box containing the following instructions: "This slide has all the layers needed for a question. Convert to freeform to select the question types. Delete new feedback layers when added. Change the question points from 10 to 1."

Correct (Slide Layer)



The screenshot shows a slide layer for a correct response. It features a blue header bar with the text "%x_QuestionTitle%" and "Add question instruction text here" below it. Below the header is a large white rectangle with a dashed border and the text "Click to add title". At the bottom, there is a blue footer bar with the text "Correct" and "You selected the correct response." on the left, and "Add additional feedback here" on the right. A "CONTINUE" button is located in the bottom left corner. A red text box in the center of the slide contains the instruction: "apply the animation to any added objects".

Incorrect (Slide Layer)



The screenshot shows a slide layer for an incorrect response. It features a blue header bar with the text "%x_QuestionTitle%" and "Add question instruction text here" below it. Below the header is a large white rectangle with a dashed border and the text "Click to add title". At the bottom, there is a yellow footer bar with the text "Incorrect" and "You did not select the correct response." on the left, and "Add additional feedback here" on the right. A "CONTINUE" button is located in the bottom left corner. A red text box in the center of the slide contains the instruction: "apply the animation to any added objects".

PreAssess (Slide Layer)

The screenshot shows a slide layer template for a PreAssess question. It features a blue header bar with the text "%x_QuestionTitle%" and "Add question instruction text here". Below the header is a large grey area with a dashed box containing the text "Click to add title". At the bottom of the slide, there is a red text box with the following instructions: "This slide has all the layers needed for a question. Convert to freeform to select the question types. Delete new feedback layers when added. Change the question points from 10 to 1."

6.7 Freeform Question Template

The screenshot shows a slide layer template for a Freeform question. It features a blue header bar with the text "%x_QuestionTitle%" and "Add question instruction text here". Below the header is a large white area. At the bottom of the slide, there is a red text box with the following instructions: "This slide has all the layers and triggers needed for a question. Convert to freeform to select the question types. Delete new feedback layers when added. Change the question points from 10 to 1."

Incorrect (Slide Layer)

The screenshot shows a slide layer template for an Incorrect response. It features a blue header bar with the text "%x_QuestionTitle%" and "Add question instruction text here". Below the header is a large white area with a dashed box containing the text "Click to add title". At the bottom of the slide, there is a yellow text box with the following content: "apply the animation to any added objects", "Incorrect", "You did not select the correct response.", "Add additional feedback here.", and a "CONTINUE" button. At the very bottom of the slide, there is a red text box with the following instructions: "This slide has all the layers and triggers needed for a question. Convert to freeform to select the question types. Delete new feedback layers when added. Change the question points from 10 to 1."

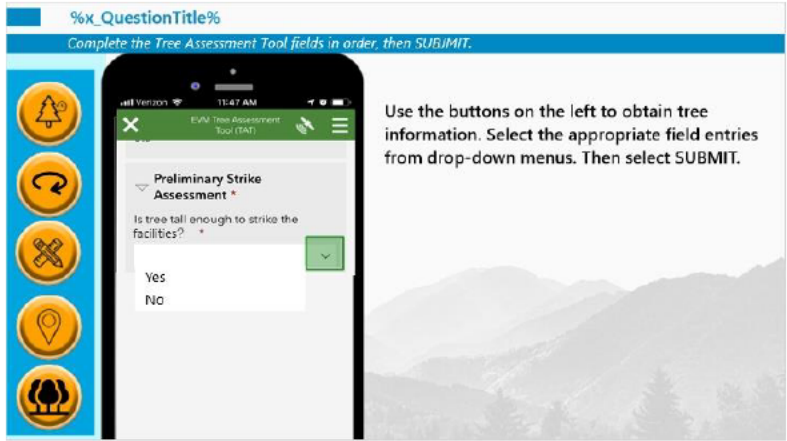
Correct (Slide Layer)

PreAssess (Slide Layer)

1. Assessment Module 1

Q1.1 Freeform Question Template

(Pick One, 1 points, 1 attempt permitted)



| Correct | Choice |
|---------|--------|
| X | Yes |
| | No |

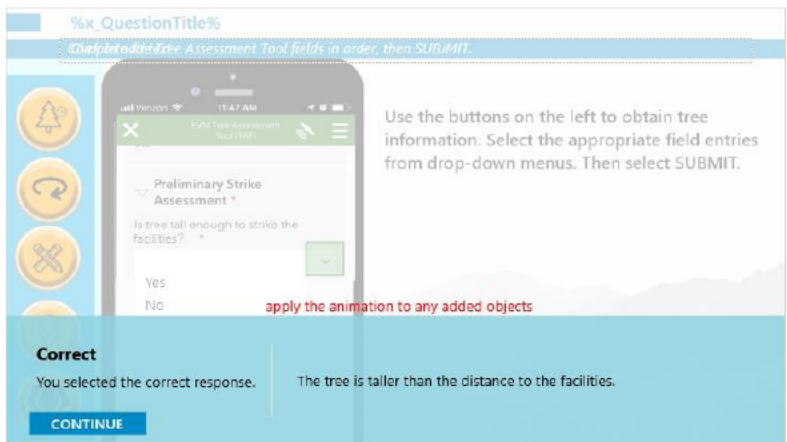
Feedback when correct:

That's right! You selected the correct response.

Feedback when incorrect:

The tree is taller than the distance to the facilities.

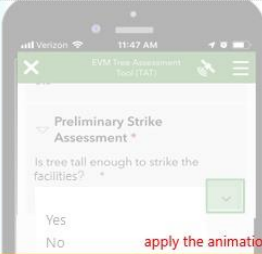
Correct (Slide Layer)



Incorrect (Slide Layer)

%x_QuestionTitle%

Complete the Assessment Tool fields in order, then SUBMIT.



Use the buttons on the left to obtain tree information. Select the appropriate field entries from drop-down menus. Then select SUBMIT.

Incorrect

You did not select the correct response.

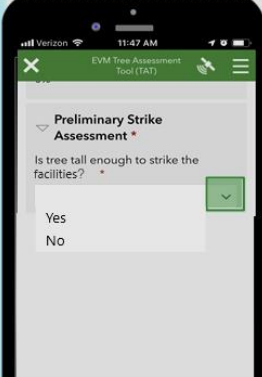
The tree is taller than the distance to the facilities.

CONTINUE

PreAssess (Slide Layer)

%x_QuestionTitle%

Complete the Assessment Tool fields in order, then SUBMIT.

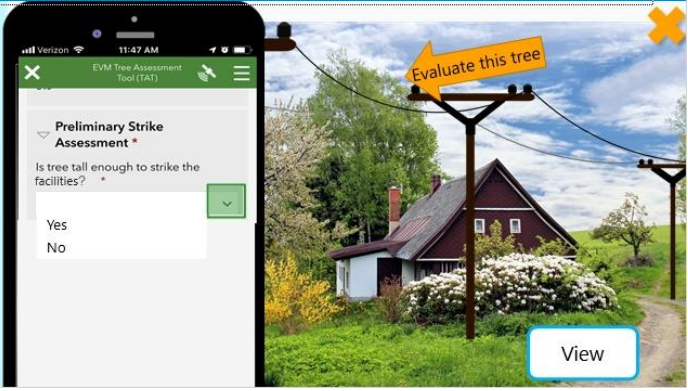


Use the buttons on the left to obtain tree information. Select the appropriate field entries from drop-down menus. Then select SUBMIT.

Views Layer (Slide Layer)

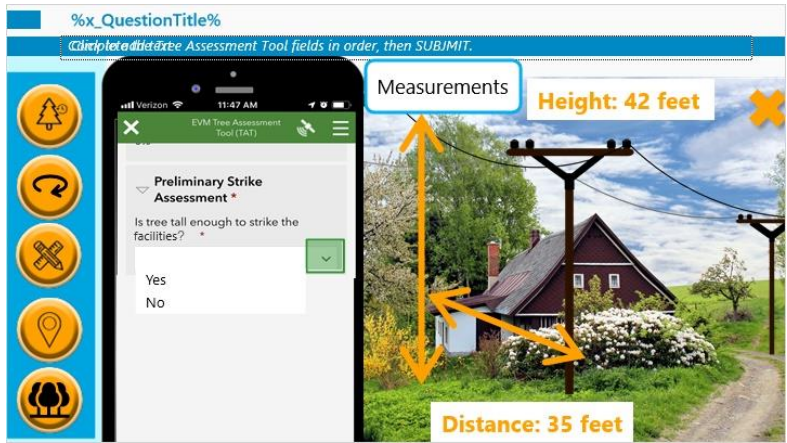
%x_QuestionTitle%

Complete the Assessment Tool fields in order, then SUBMIT.

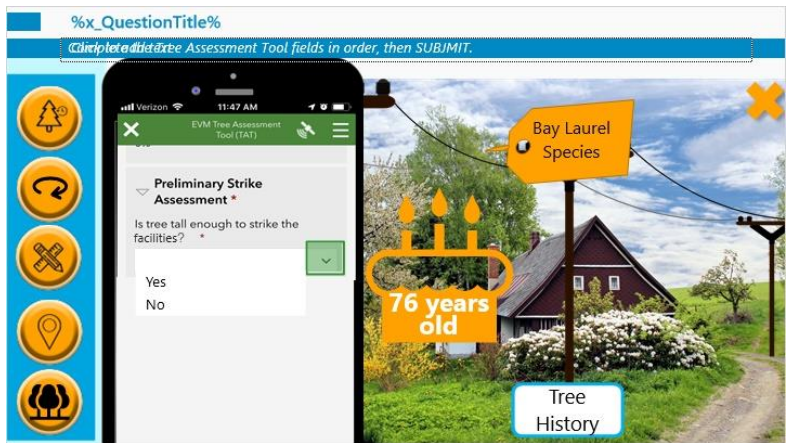


View

Measurement Layer (Slide Layer)



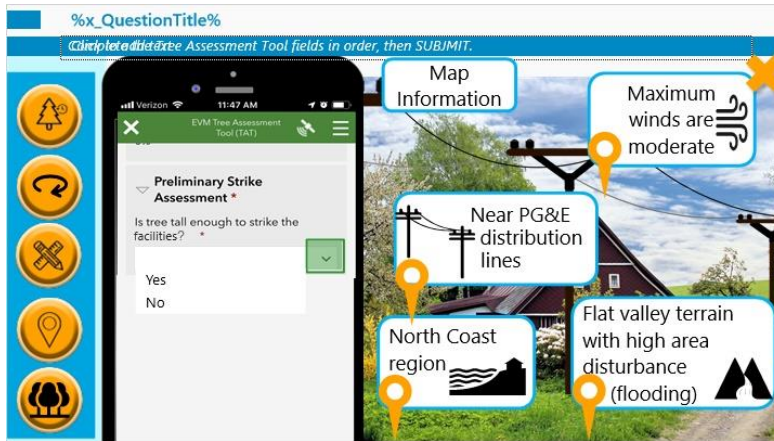
Tree History Layer (Slide Layer)



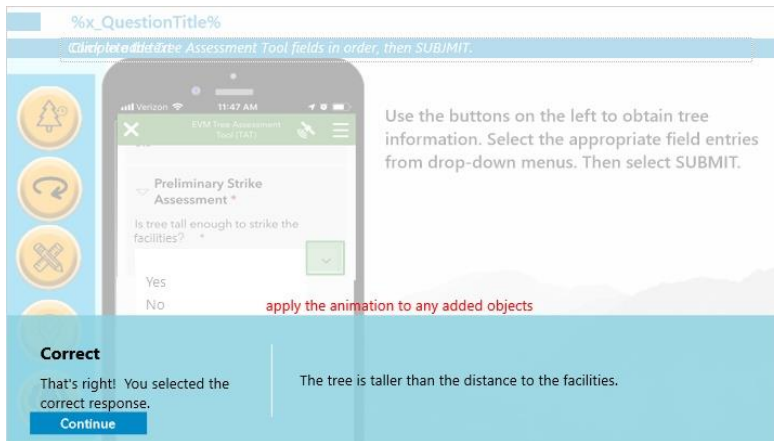
Neighboring Trees (Slide Layer)



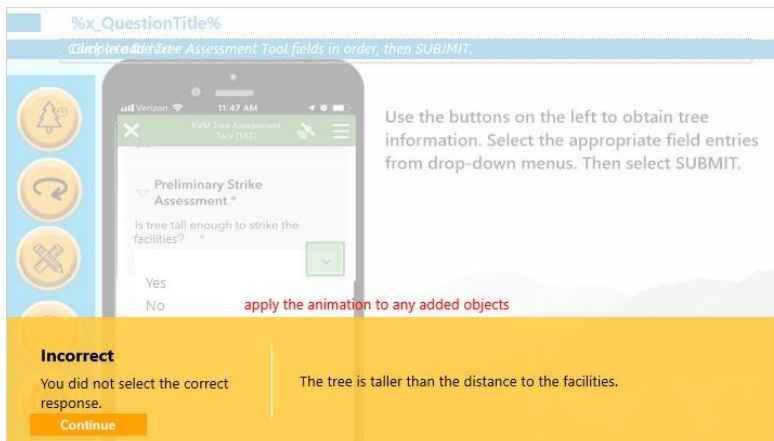
Map (Slide Layer)



Correct (Slide Layer)



Incorrect (Slide Layer)

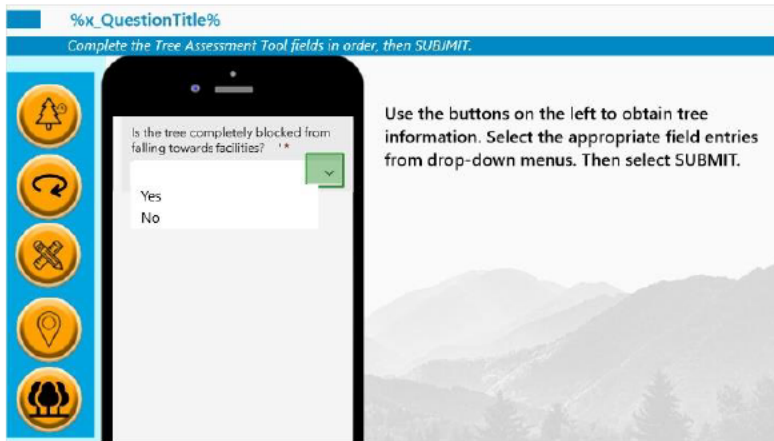


Q1.2 Freeform Question Template

(Pick One, 1 points, 1 attempt permitted)

%x_QuestionTitle%

Complete the *Tree Assessment Tool* fields in order, then **SUBMIT**.



Use the buttons on the left to obtain tree information. Select the appropriate field entries from drop-down menus. Then select **SUBMIT**.

| Correct | Choice |
|---------|--------|
| X | Yes |
| | No |

Feedback when correct:

The house blocks the tree from falling into the facilities.

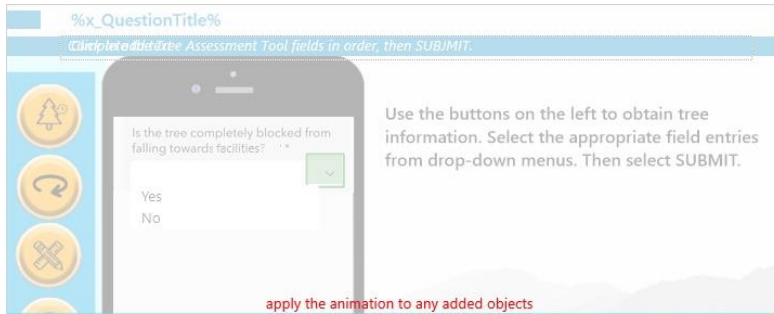
Feedback when incorrect:

The house blocks the tree from falling into the facilities.

Correct (Slide Layer)

%x_QuestionTitle%

Complete the Assessment Tool fields in order, then SUBMIT.



Use the buttons on the left to obtain tree information. Select the appropriate field entries from drop-down menus. Then select SUBMIT.

apply the animation to any added objects

Correct

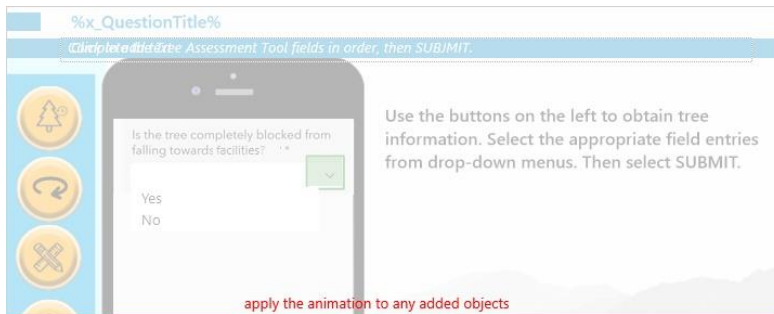
You selected the correct response. The house blocks the tree from falling into the facilities.

CONTINUE

Incorrect (Slide Layer)

%x_QuestionTitle%

Complete the Assessment Tool fields in order, then SUBMIT.



Use the buttons on the left to obtain tree information. Select the appropriate field entries from drop-down menus. Then select SUBMIT.

apply the animation to any added objects

Incorrect

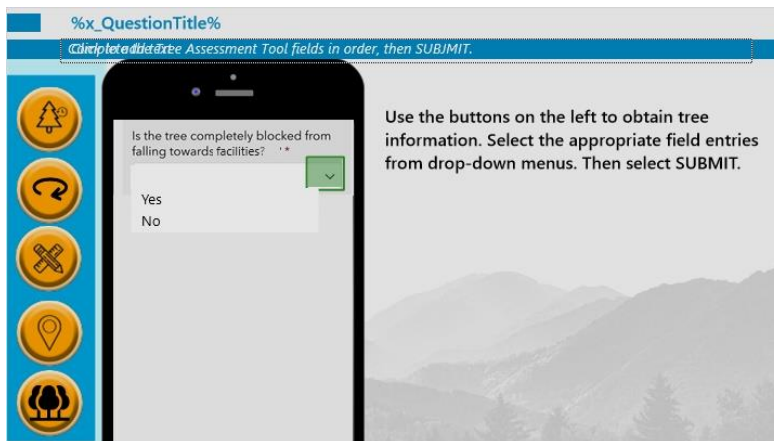
You did not select the correct response. The house blocks the tree from falling into the facilities.

CONTINUE

PreAssess (Slide Layer)

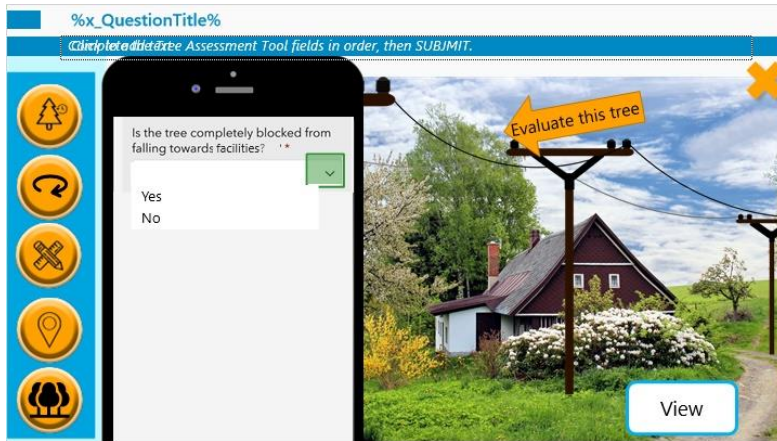
%x_QuestionTitle%

Complete the Assessment Tool fields in order, then SUBMIT.

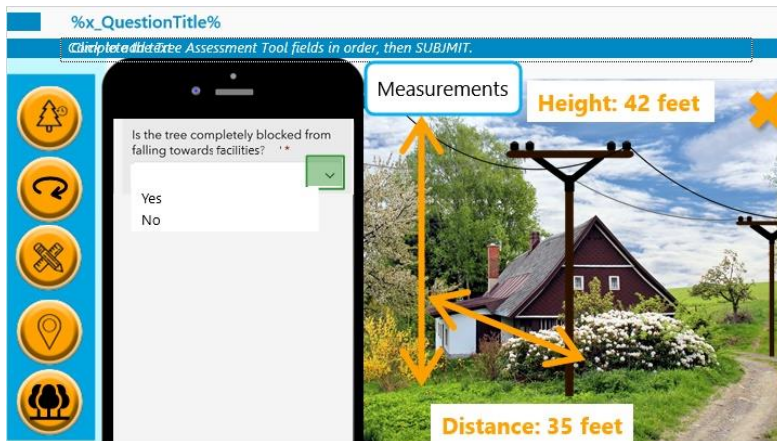


Use the buttons on the left to obtain tree information. Select the appropriate field entries from drop-down menus. Then select SUBMIT.

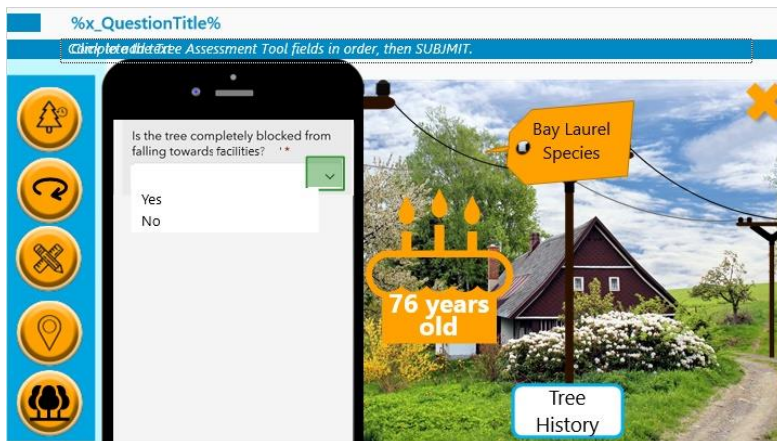
Views Layer (Slide Layer)



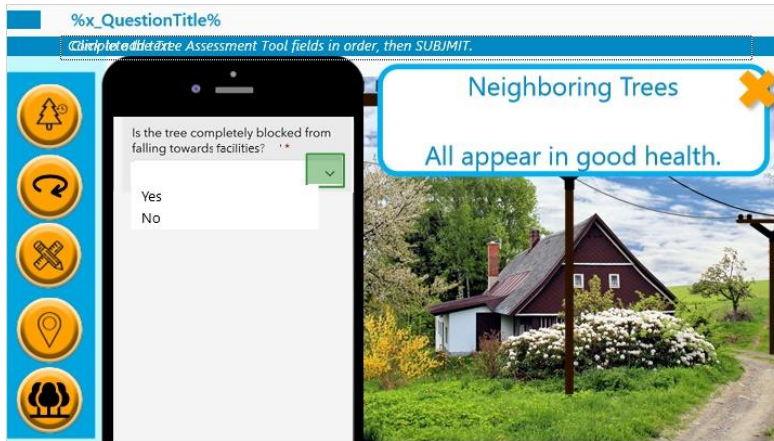
Measurement Layer (Slide Layer)



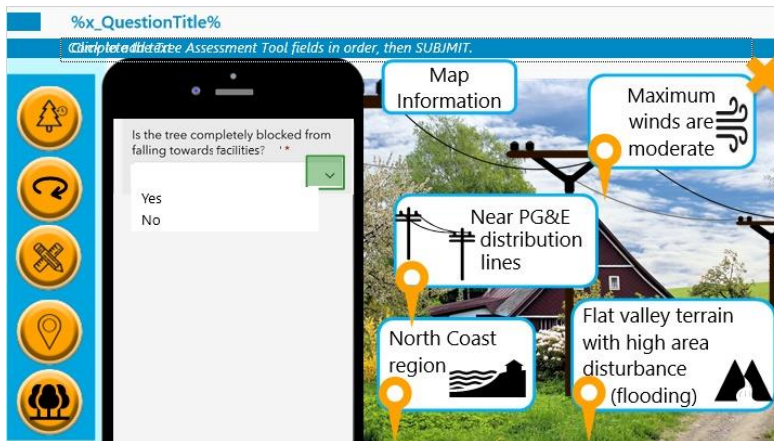
Tree History Layer (Slide Layer)



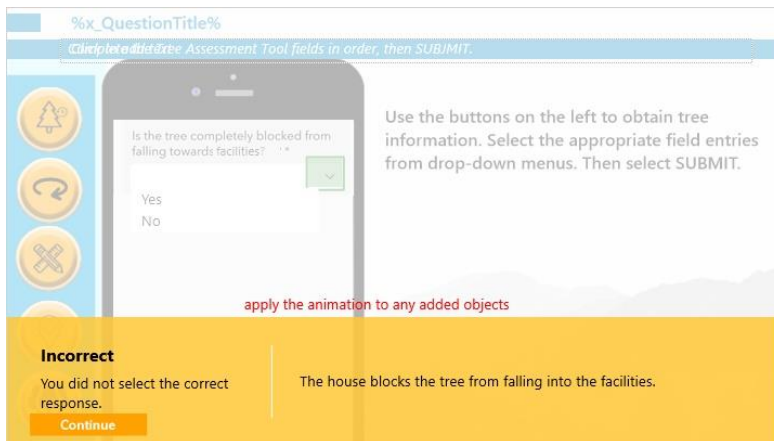
Neighboring Trees (Slide Layer)



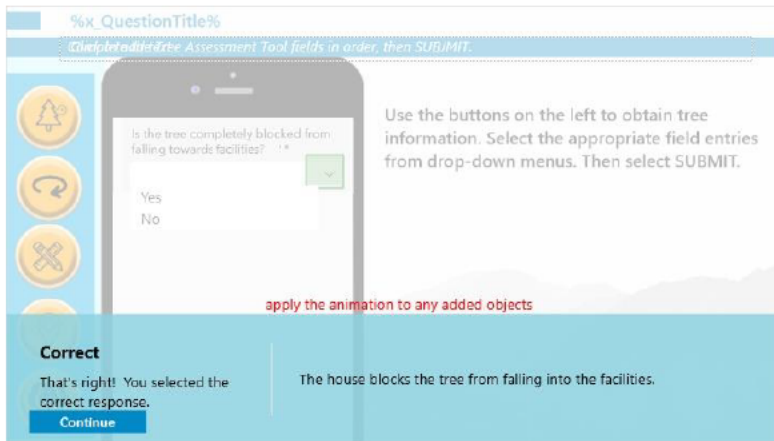
Map (Slide Layer)



Incorrect (Slide Layer)



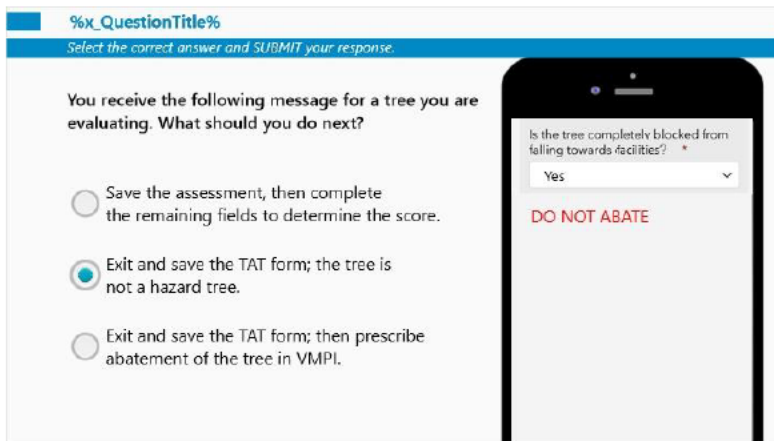
Correct (Slide Layer)



Q1.3 You receive the following message for a tree you are evaluating.

What should you do next?

(Multiple Choice, 1 points, 1 attempt permitted)



| Correct | Choice |
|---------|---|
| | Save the assessment, then complete the remaining fields to determine the score. |
| X | Exit and save the TAT form; the tree is not a hazard tree. |

Exit and save the TAT form; then prescribe abatement of the tree in VMPI.

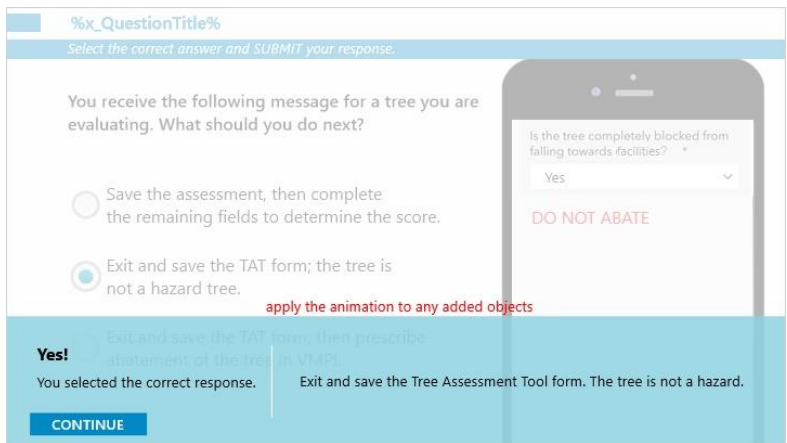
Feedback when correct:

Exit and save the Tree Assessment Tool form. The tree is not a hazard.

Feedback when incorrect:

Exit and save the Tree Assessment Tool form. The tree is not a hazard.

Yes! (Slide Layer)



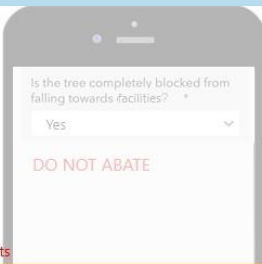
Incorrect (Slide Layer)

%x_QuestionTitle%
Select the correct answer and SUBMIT your response.

You receive the following message for a tree you are evaluating. What should you do next?

- Save the assessment, then complete the remaining fields to determine the score.
- Exit and save the TAT form; the tree is not a hazard tree.
- Exit and save the TAT form; then prescribe abatement of the tree in VMPI.

apply the animation to any added objects



Incorrect
That's not the right answer. Exit and save the Tree Assessment Tool form. The tree is not a hazard.

CONTINUE

PreAssess (Slide Layer)

%x_QuestionTitle%
Select the correct answer and SUBMIT your response.

You receive the following message for a tree you are evaluating. What should you do next?

- Save the assessment, then complete the remaining fields to determine the score.
- Exit and save the TAT form; the tree is not a hazard tree.
- Exit and save the TAT form; then prescribe abatement of the tree in VMPI.

