

Treat

```

<!-- Multipart form -->
<form method="post" enctype="multipart/form-data">

    <!-- Get user's name from get_currenuserinfo(), a Wordpres function, then set it to a variable -->
    <?php
        global $current_user; get_currentuserinfo();
        $current_user=$current_user->display_name
    ?>

    <!-- Select a unit to harvest, we need to get units from our database -->
    <h6>Available Units and Levels</h6>
    <!-- Only units shown are either Plug/Pot stage or sprouts -->
    <select name="unitlevel_name" class="form-control" id="exampleFormControlSelect1">
    <?php
        $sql = "SELECT * FROM `unitlevel_table` WHERE stage='Plug' OR stage='Pot' OR stage='sproutstage'";
        $result = $wpdb->get_results($sql, ARRAY_A) ;
        foreach($result as $row){
            $unitlevel_id = $row['unitlevel_id'] ;
            $unit_name = $row['unit_name'];
            $unit_color = $row['unit_color'];
            $unit_seed = $row['unit_seed'];

        ?>
        <option value="<?php echo $unitlevel_id; ?>"><?php echo $unit_name; ?></option>
    <?php
    }
    ?>
    </select>
    <br>

    <!-- Add clickable checkboxes with same id -->
    <center>
    <div class="checkboxes">
        <label><input class="form-check-input" type="checkbox" id="checkboxes" name="check_list[]" value="Water">
        Water</label>

        <label><input class="form-check-input" type="checkbox" id="checkboxes" name="check_list[]" value="Feed">
        Feed</label>

        <label><input class="form-check-input" type="checkbox" name="check_list[]" value="Neem">
        <span>Neem</span></label>

        <label><input class="form-check-input" type="checkbox" name="check_list[]" value="Organocide">
        Organocide</label>
    <br>
    </div>
    </center>

```

<!-- Get user's name from get_currenuserinfo(), a Wordpres
 function, then set it to a variable --> <?php global
 \$current_user; get_currentuserinfo();
 \$current_user=\$current_user->display_name ?>

The code above gets the current user's name from the WordPress function get_currentuserinfo() and sets it to a

variable. This is so that we can use the current user's name later on in our code.

```
<!-- Select a unit to harvest, we need to get units from our
database --> <h6>Available Units and Levels</h6> <!--
Only units shown are either Plug/Pot stage or sprouts -->
<select name="unitlevel_name" class="form-control"
id="exampleFormControlSelect1">
```

The code above creates a dropdown menu of available units to harvest. The units shown in the dropdown menu are only those that are in the Plug/Pot stage or sprouts. This is because we only want to allow users to harvest from these units.

```
<!-- Add clickable checkboxes with same id --><center><div
class="checkboxes"> <label><input class="form-
check-input" type="checkbox" id="checkboxes"
name="check_list[]" value="Water"> Water</label>
```

```
<label><input class="form-check-input"
type="checkbox" id="checkboxes" name="check_list[]"
value="Feed"> Feed</label>
```

```
<label><input class="form-check-input"
type="checkbox" name="check_list[]" value="Neem">
```

```

<span>Neem</span></label>
<label><input class="form-check-input" type="checkbox"
name="check_list[]" value="Organocide">
Organocide</label> <br> </div> </center>

```

The code above creates checkboxes that users can click on. The checkboxes represent different tasks that need to be done in order to harvest the unit. The user can select multiple tasks by clicking on more than one checkbox.

```

<!-- SQL operations, done in PHP -->
<?php
if(isset($_POST['treat'])){

    //set variables from the form
    $unitlevel_name = $_POST['unitlevel_name'];
    $deneme='';

    // add date
    date_default_timezone_set('America/New_York');
    $t=time();
    $post_date = date("m-d-Y h:i A",$t);

    // string concatenation for humidity and temperature
    $humidity = $_POST['humidity'];
    $humidity_new= $humidity.'%';
    $temperature=$_POST['temperature'];
    $temperature= $temperature.'&deg'. 'F';

    // using unitlevel_name to access unitlevel table
    $sql = "SELECT * FROM `unitlevel_table` WHERE unitlevel_id = $unitlevel_name";
    if($result = $wpdb->get_results($sql, ARRAY_A)){
        foreach($result as $row){
            $seed_id = $row['unit_seed_id'];
        }
    }
    else{
        $seed_id='error';
    }

    // check for empty checkboxes
    if(!empty($_POST['check_list'])) {
        foreach($_POST['check_list'] as $check) {
            $deneme=$deneme.$check.' ';
        }
    }

    // check for empty fields
    if(empty($unitlevel_name) OR empty($humidity) OR empty($temperature)){
        echo '<script>alert("Empty Fields")</script>';
        exit();
    }

    // insert variables into actions_table
    $wpdb->insert('actions_table', array(
        'employee_name' => $current user,
        'unitlevel_name' => $unitlevel_name,
        'treat' => $deneme,
        'humidity' => $humidity_new,
        'temperature' => $temperature,
        'seed_id' => $seed_id,
        'action_date' => $post_date
    ));

    //refresh page, used for refreshing form data
    echo "<meta http-equiv='refresh' content='0'>";
}
?>

<!-- Wordpress function get_footer() is called here -->
<?php
get_footer();
?>

```

This code sets the variables from the form data. The 'unitlevel_name' variable is set to the value chosen in the dropdown menu, 'deneme' is an empty string variable that will be used later, 'humidity' and 'temperature' are set to the values entered in the form. The '%' and '°F' symbols are added to the end of the humidity and temperature variables respectively.

```
$sql = "SELECT * FROM `unitlevel_table` WHERE  
unitlevel_id = $unitlevel_name";
```

```
if($result = $wpdb->get_results($sql, ARRAY_A)){
```

```
    foreach($result as $row){
```

```
        $seed_id = $row['unit_seed_id'];
```

```
    }
```

```
}
```

```
else{
```

```
    $seed_id='error';
```

```
}
```

This code accesses the 'unitlevel_table' in the database and sets the 'seed_id' variable to the 'unit_seed_id' value that corresponds to the 'unitlevel_name' chosen in the dropdown menu. If there is no entry for the 'unitlevel_name' chosen, then the 'seed_id' is set to 'error'.

```
if(!empty($_POST['check_list'])) {  
    foreach($_POST['check_list'] as $check) {  
        $deneme=$deneme.$check.' '  
    }  
}
```

If any of the checkboxes are checked, this code will add the value of the checkbox to the 'deneme' string variable.

```
if(empty($unitlevel_name) OR empty($humidity) OR  
empty($temperature)){
```

```
    echo '<script>alert("Empty Fields")</script>';  
  
    exit();  
  
}
```

If any of the required fields are empty, an alert message is displayed and the script is exited.

```
$wpdb->insert('actions_table', array( 'employee_name' =>  
$current_user, 'unitlevel_name' =>  
$unitlevel_name, 'treat' => $deneme, 'humidity' =>  
$humidity_new, 'temperature' => $temperature, 'seed_id'  
=> $seed_id, 'action_date' => $post_date ));
```

This code inserts the form data into the 'actions_table'. The 'employee_name', 'unitlevel_name', 'treat', 'humidity', 'temperature', 'seed_id', and 'action_date' columns are populated with the corresponding variables.

```
echo "<meta http-equiv='refresh' content='0'>";}?">
```

This code refreshes the page so that the form data is reset.