Job Hazard Analysis

<table>
<thead>
<tr>
<th>JHA Number</th>
<th>Facility</th>
<th>Date Prepared</th>
<th>Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>0041-PPD-GRO</td>
<td>University of Vermont</td>
<td>4/23/2021</td>
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</table>

Approved by
WALKER, CHRISTOPHER

Analysis by
HOLMES, ADAM

Description
Plant Bed Maintenance

**Smart Tabs**

<table>
<thead>
<tr>
<th>Related Job Titles</th>
<th>Related Departments</th>
<th>Related Locations</th>
<th>Related MSDS</th>
<th>Training Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>* GROUNDS</td>
<td></td>
<td></td>
<td>* OSHA Avoiding Back Injuries Course</td>
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</tbody>
</table>

**Additional Description**

The following are required for all Grounds job tasks and JHAs:

High Visibility PPE – Required to be worn over the torso as the outermost layer.

Long Pants - This includes job tasks where we currently require chainsaw chaps. Potential risk which can be controlled by this PPE includes, but is not limited to; cuts, flying objects, falling objects, piercing objects.

Shirts that cover at least 50% of the bicep are required for all tasks

PPE shall not be modified in anyway

Like any Job Hazard Analysis, common sense should be applied when executing a job. We do our best to engineer out the hazard and avoid the hazard with administrative measures such as signs, notices, caution tape, etc. When the hazard is still present and PPE is required for one or more steps but not all steps, it may be prudent to don all required PPE from the start of the job to the finish.

<table>
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<tr>
<th>Step/Area</th>
<th>Task Step Description</th>
<th>Hazards</th>
<th>Control Measure</th>
<th>PPE Required</th>
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</thead>
</table>
| 1         | Edging of bed with hand edger | Sharp Edges  
Cuts  
Blisters | Closed toe shoes  
Leather gloves | High visibility torso-covering garment;  
UVM Issued Safety glasses; Closed-toe shoe or boot |
| 2         | Shoveling Edgings     | Muscle strains and blisters | No overloading shovel, gloves and proper PPE | High visibility torso-covering garment;  
UVM Issued Safety glasses; Closed-toe shoe or boot; Leather or Mechanix style gloves |
| 3         | Weeding bed           | kneeling on sharp objects | PPE (long pants) | High visibility torso-covering garment;  
UVM Issued Safety glasses; Closed-toe shoe or boot; Leather or Mechanix style gloves |
| 4         | Mulching bed by hand  | Muscle strain      | Proper ergonomics  
Proper PPE | High visibility torso-covering garment;  
UVM Issued Safety glasses; Closed-toe shoe or boot; Leather or Mechanix style gloves |
| 5         | Planting bed          | Scraps/cuts  
Kneeling on sharp objects | PPE (long pants)  
Proper ergonomics | High visibility torso-covering garment;  
UVM Issued Safety glasses; Closed-toe shoe or boot; Leather or Mechanix style gloves |
### Job Hazard Analysis Continued

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**Description**

Plant Bed Maintenance

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<tr>
<td>6</td>
<td>Plant removal</td>
<td>Muscle strain</td>
<td>Back safety training Ergonomics</td>
<td>High visibility torso-covering garment; UVM Issued Safety glasses; Closed-toe shoe or boot; Leather or Mechanix style gloves</td>
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Prepared By: ____________________________  Date: __________