Grounds maintenance products available for use on UD campus landscape

The following products are available for use by UD Grounds staff to maintain the campus landscape. All products are applied by trained technicians in accordance with manufacturer's label directions.

**Fertilizers and Soil Amendments:**

<table>
<thead>
<tr>
<th>Season</th>
<th>Product Description</th>
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</thead>
<tbody>
<tr>
<td>Spring</td>
<td>25-0-15, 0.17% Dimension</td>
</tr>
<tr>
<td>Fall</td>
<td>10-20-10 based on soil testing and or if needed during turf or plant renovation</td>
</tr>
<tr>
<td>Fall</td>
<td>26-0-13</td>
</tr>
<tr>
<td>Fall</td>
<td>Lime or Gypsum based on soil testing as required</td>
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<tr>
<td></td>
<td>9-0-9 Organic Fertilizer</td>
</tr>
</tbody>
</table>

**Group 1**  
One of the following products will be applied to lawns as a pre-emergent herbicide:

- Spring  
  - Dimension, applied with fertilizer (Corteva)

**Group 2**  
One of the following products will be applied to planting beds as a pre-emergent herbicide:

- Spring  
  - Crew (Corteva)
  - Surflan (United Phosphorus Inc.)
  - Dimension (Corteva)
  - Gallery (Corteva)

**Group 3**  
Product applied to pavers as a pre-emergent herbicide:

- Spring & Summer  
  - Dimension Ultra (Corteva). Applied during spring break and prior to fall move in

**Group 4**  
One of the following products may be **spot sprayed** on lawns for post emergent control of weeds:

- Fall  
  - Powerzone (PBI Gordon) post-emergent herbicide for broad leafed weeds in lawns (spot sprayed)
- Summer  
  - Acclaim Extra (Bayer) post-emergent herbicide for grassy weeds in lawns (spot sprayed)
- Summer & Fall  
  - Drive 75DF (BASF) post-emergent control of broad leafed and grassy weeds in lawns (spot sprayed)
- Summer  
  - Basogran T/O (BASF) post-emergent for sedges (spot sprayed on individual weeds)
Summer Celero \((Nufarm)\) post-emergent for sedge (spot sprayed)
Summer Pylex (BASF) post-emergent for bermudagrass
Summer & Fall Tenacity (Syngenta) post-emergent for broadleaf and grass weeds

**Group 5**

*One of the following products may be applied on lawns to target harmful insects:*

- **Spring & Fall**
  - Bandit 75 WSP \((Bayer)\) insecticides labeled for use on lawns of grub control
- **Spring & Fall**
  - Acelepryn (Syngenta) insecticides labeled for use on lawns of grub control
- as required
  - Talstar (FMC) insecticide labeled for use on lawns

**Group 6**

*One of the following products will be applied to lawns for disease:*

- as required
  - Propiconazole (Syngenta) fungicide labeled for use on lawns
- as required
  - azoxystrobin (Syngenta) fungicide labeled for use on lawns

**Group 7**

*One of the following products will be applied to trees or shrubs for disease:*

- as required
  - Propiconazole (Syngenta) fungicide labeled for use on trees or shrubs
- as required
  - Reliant (AgriChem) fungicide labeled for use on trees or shrubs
- as required
  - Triact 70 (OHP) fungicide labeled for use on trees or shrubs

**Group 8**

*One of the following products may be applied to target harmful insects on trees or shrubs:*

- **Spring & Fall**
  - Bandit 75 WSP \((Bayer)\) insecticides labeled for use on trees and shrubs (injected into root zone)
- **Spring & Fall**
  - Acelepryn (Syngenta) insecticides labeled for use on trees and shrubs (injected into root zone)
- **Spring & Fall**
  - Zylam (PBI Gordon) insecticides labeled for use on trees and shrubs (injected into root zone)
- **Summer**
  - Tempo \((Bayer)\) insecticide labeled for use on trees and shrubs – for bagworms on arborvitae/juniper
- **Spring**
  - Damoil \((Drexel Chemical)\) applied as a dormant oil treatment for insects on trees and shrubs
- **Spring**
  - Omni Supreme Spray Oil applied as a dormant oil treatment for insects on trees and shrubs
- as required
  - Talstar (FMC) insecticide labeled for use on trees and shrubs
- **Summer**
  - Acephate 97 WP generic Orthene, applied to control mimosa webworm on locust trees
- as required
  - Triact 70 (OHP) insecticide labeled for use on trees or shrubs

**Group 9**

*Products that may be used as a plant growth regulator*

- As required
  - Primo PGR (Syngenta) used to control plant growth on turfgrass
<table>
<thead>
<tr>
<th>May &amp; August</th>
<th>Atrimmec (PBI Gordon)</th>
<th>used to control plant growth on ornamentals</th>
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</table>

**Group 10** | **Products that may be applied on the campus landscape or industrial areas**
| as required | Prosecutor (Lesco) | generic Round Up for general weed control in beds and hard surfaces |
| as required | indicator dye (Helena) | blue dye added to color sprays |
| as required | Finale (Bayer) | general weed control in beds and hard surfaces |
| as required | Pathfinder (Corteva) | basal bark and or stump control |
| as required | Lontrel (Corteva) | ornamental and lawn broadleaf weed control |
| as required | Fusilade (Syngenta) | ornamental and lawn grass weed control |