Why It’s So Important to Read Labels CAREFULLY AND FREQUENTLY

Jerry Renney, Safety Manager
Applied Aquatic Management, Inc.
## 2007 Use Inspections

<table>
<thead>
<tr>
<th>Inspections Conducted</th>
<th>Identified Violations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1191</td>
<td>402 (34%)</td>
</tr>
<tr>
<td>13 Aquatic Applicators</td>
<td>5</td>
</tr>
<tr>
<td>89 at Golf Courses (turf &amp; ornamental)</td>
<td>15</td>
</tr>
<tr>
<td>1 ROW Applicator</td>
<td>0</td>
</tr>
<tr>
<td>1 Wood Treater</td>
<td>1</td>
</tr>
</tbody>
</table>
# 2008 Use Inspections

<table>
<thead>
<tr>
<th>Inspections Conducted</th>
<th>Indentified Violations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1458</td>
<td>281 (19%)</td>
</tr>
<tr>
<td>24 Aquatic Applicators</td>
<td>8</td>
</tr>
<tr>
<td>74 at Golf Courses (turf &amp; ornamental)</td>
<td>16</td>
</tr>
<tr>
<td>1 ROW Applicator</td>
<td>0</td>
</tr>
</tbody>
</table>
## 2009 Use Inspections

<table>
<thead>
<tr>
<th>Inspections Conducted</th>
<th>Identified Violations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1367</td>
<td>230 (17%)</td>
</tr>
<tr>
<td>21 Aquatic Applicators</td>
<td>9</td>
</tr>
<tr>
<td>89 at Golf Courses (turf &amp; ornamental)</td>
<td>13</td>
</tr>
<tr>
<td>2 ROW Applicator</td>
<td>0</td>
</tr>
</tbody>
</table>
### 2010 Use Inspections

<table>
<thead>
<tr>
<th>Inspections Conducted</th>
<th>Identified Violations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1290</td>
<td>128 (10%)</td>
</tr>
<tr>
<td>23 Aquatic Applicators</td>
<td>3</td>
</tr>
<tr>
<td>135 at Golf Courses (turf &amp; ornamental)</td>
<td>9</td>
</tr>
<tr>
<td>1 ROW Applicator</td>
<td>0</td>
</tr>
</tbody>
</table>
Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

**Note:** For containers of over 1 gallon, but less than 5 gallons:
Mixer and loaders who do not use a mechanical system (such as probe and pump or spigot) to transfer the contents of this container must wear coveralls or chemical-resistant apron in addition to other required PPE.
Personal Protective Equipment (PPE)
Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical resistance category selections chart.

All pilots must wear:
- Long-sleeved shirt and long pants
- Shoes plus socks

All mixers, loaders, flaggers, other applicators and handlers must wear:
- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves,
- **Goggles or face shield, and**
- Chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate
Personal Protective Equipment (PPE)
Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical resistance category selections chart.

All pilots must wear:
- Long-sleeved shirt and long pants
- Shoes plus socks

All mixers, loaders, flaggers, other applicators and handlers must wear:
- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves
- Protective eyewear
- Chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate
PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are butyl rubber, natural rubber, neoprene or nitrile rubber. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, flaggers, and other handlers must wear:
1. Long-sleeved shirt and long pants.
2. Shoes and socks.
3. Chemical-resistant gloves (except for pilots).
4. Chemical-resistant apron when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
5. **Wear protective eyewear (goggles or face shield).**

See engineering controls for additional requirements.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.
Personal Protective Equipment

Changes: 2,4-D Amine

Personal Protective Equipment:
Some of the materials that are chemical-resistant to this product are polyethylene or polyvinyl chloride. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, flaggers, and other handlers must wear:
• **Coveralls over short-sleeved shirt and short pants.**
• Chemical-resistant gloves when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
• Chemical-resistant footwear and socks.
• **Protective eyewear.**
• Chemical-resistant headgear for overhead exposure.
• Chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
Personal Protective Equipment

Changes: **Endothall**

Applicators and other handlers must wear:
- long-sleeved shirt and long pants
- socks
- shoes
- chemical resistant gloves
- protective eyewear
Personal Protective Equipment (PPE)
Mixers, loaders, applicators and other handlers must wear:
• Coveralls over long-sleeved shirt and long pants,
• Chemical-resistant footwear plus socks,
• Chemical-resistant gloves made of any waterproof material,
• Chemical-resistant headgear for overhead exposure,
• Goggles or face shield,
• Chemical-resistant apron when mixing, loading, or cleaning equipment, and
• a NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any N, R, P, or HE filter.

Exception: During application, the respirator need not be worn, provided that the pesticide is applied in a manner (such as direct metering or subsurface release from the rear of a vessel that is moving into the wind) such that the applicator will have no contact with the pesticide.
Personal Protective Equipment (PPE)
Mixers, loaders, applicators and other handlers must wear:
- Long-sleeved shirt and long pants,
- Shoes and socks,
- Chemical-resistant gloves made of any waterproof material,
- Protective eyewear and,
- a NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any N, R, P, or HE filter.

Exception: During application, the respirator need not be worn, provided that the pesticide is applied in a manner (such as direct metering or subsurface release from the rear of a vessel that is moving into the wind) such that the applicator will have no contact with the pesticide.
CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH THE SKIN. Do not get in eyes, on skin or on clothing. Wear protective eye-wear (goggles or face shield). Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.
Personal Protective Equipment (PPE)
Mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- a NIOSH-approved half- or full-face respirator with a cartridge or canister approved for dusts and mists or a cartridge with any N, R, P, or He filter. Note: the quarter-face cupstyle respirator does not meet this requirement.

Exception: During application, the respirator need not be worn, provided that the pesticide is applied in a manner (such as direct metering or subsurface release from the rear of a vessel that is moving into the wind) that the applicator will have no contact with the pesticide.

- Chemical resistant gloves. Some materials that are chemical-resistant to this product are nitrile, neoprene, and natural rubber. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.
- Protective eyewear
For the control of undesirable vegetation in grass pasture, rangeland and noncropland areas such as railroad, utility, pipeline and highway rights-of-way, utility plant sites, petroleum tank farms, pumping installations, fence rows, storage areas, non-irrigation ditchbanks and other similar areas and for the establishment and maintenance of wildlife openings.
For the control of undesirable vegetation growing within specified aquatic, pasture/rangeland, industrial noncropland sites, and rights-of-way, fence rows, nonirrigation ditchbanks, establishment and maintenance of wildlife openings, for the release of unimproved Bermudagrass and Bahiagrass, for bareground weed control, and for use under certain paved surfaces.
SPECIFIC USE DIRECTIONS

This product is a herbicide used to control weeds in the following sites:

- aquatic areas
- commercial greenhouses and nurseries
- dormant established turfgrass (bermudagrass, zoysiagrass – nonfood or feed crop)
- landscape, industrial, recreational, commercial, residential, and public areas
- ornamental seed crops (flowers, bulbs, etc. – excluding the state of California)
- turf renovation (all turf areas except commercial sod farms)
Site Changes & Trade Name
Confusion: Diquat

SPECIFIC USE DIRECTIONS
This product is a herbicide used to control weeds in the following sites:

• preharvest aid to desiccate labeled crops to facilitate harvesting
• labeled nonbearing crops
• noncrop or nonplanted areas on farms
Changes in Use Restrictions:

Endothall

ENVIRONMENTAL HAZARDS

Avoid contact with or drift to other crops or plants as injury may result. Wash out spray equipment with water after each operation.

Not for use in brackish or salt water. Do not use water from treated areas for watering livestock, for preparing agricultural sprays for food crops, for irrigation or for domestic purposes within the following periods:

Up to 0.5 ppm dipotassium salt —  7 days after application
Up to 4.25 ppm dipotassium salt — 14 days after application
Up to 5.0 ppm dipotassium salt — 25 days after application

Treated water can be used for sprinkling bent grass immediately.
Changes in Use Restrictions: Endothall

LAKES AND PONDS

Restrictions for Lakes and Ponds Only:
Do not contaminate water intended for domestic purposes.
Do not use treated water for animal consumption or for domestic purposes within the following periods:
- 0.5 ppm dipotassium salt — 7 days after application
- 4.25 ppm dipotassium salt — 14 days after application
- 5.0 ppm dipotassium salt — 25 days after application
## Water Use Restrictions Following Applications

<table>
<thead>
<tr>
<th>Application Rate</th>
<th>Drinking</th>
<th>Fishing and Swimming</th>
<th>Livestock/Domestic Animals Consumption</th>
<th>Spray Tank Applications** and Irrigation to Turf and Landscape Ornamentals</th>
<th>Spray Tank Applications** and Irrigation to Food Crops and Production Ornamentals</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 gals./surface acre</td>
<td>3 days</td>
<td>0</td>
<td>1 day</td>
<td>3 days</td>
<td>5 days</td>
</tr>
<tr>
<td>1 gal./surface acre</td>
<td>2 days</td>
<td>0</td>
<td>1 day</td>
<td>2 days</td>
<td>5 days</td>
</tr>
<tr>
<td>0.75 gal./surface acre</td>
<td>2 days</td>
<td>0</td>
<td>1 day</td>
<td>2 days</td>
<td>5 days</td>
</tr>
<tr>
<td>0.50 gal./surface acre</td>
<td>1 day</td>
<td>0</td>
<td>1 day</td>
<td>1 day</td>
<td>5 days</td>
</tr>
<tr>
<td>Spot Spray* (&lt; 0.5 gal./surface acre)</td>
<td>1 day</td>
<td>0</td>
<td>1 day</td>
<td>1 day</td>
<td>5 days</td>
</tr>
</tbody>
</table>

*Add a nonionic surfactant (with at least 75% of the constituents active as a spray adjuvant) at the rate recommended by the manufacturer.

**For preparing agricultural sprays for food crops, turf or ornamentals (to prevent phytotoxicity), do not use water treated with Reward Landscape and Aquatic Herbicide before the specified time period.
“Livestock/ Domestic Animals Consumption” refers to the intentional use of water from a treated water body for watering livestock and domestic animals either by drawing water from the water body or leading the animals to the water body for that purpose.

The “Water Use Restrictions” table does not apply to the incidental exposure of animals to a treated water body. For example, no restriction applies with regard to an animal swimming or playing in a treated water body. The ingestion of small quantities of water during such incidental exposure is considered when setting the limits and restrictions for the label.
Available PDF files for Viewing:

- Specimen Label, 21195I4-25 2009-2 Bilingual (English and Espanol)
- Supplemental Label, 21195H1-30 Foliar and Broadcast Treatment of Japanese Knotweed & Oriental Bittersweet
- Supplemental Label, 21195H3-6 Aerial Application in California Only
- Supplemental Label, 21195G2-24 For Control of Giant Salvinia
- Supplemental Label, 21195F2-27 For Hollow Stem Injection
- Supplemental Label, 21195Z1-13 Tank Mix With 2,4-D Amine for Aquatic and Other Labeled Noncrop Sites
- Supplemental Label, 21195F3-22 For Control of Cordgrass
- MSDS, 000000006108 Version: 2.0 02/03/2005
- MSDS, 000000006108 Version: 2.0 02/03/2005 (Espanol)