Andrew Smith
Agricultural Biologist III
Sonoma County Agricultural Commissioner’s Office
Agricultural Commissioner’s Office

- Promote and protect
  - Agricultural Industry
  - The Environment
  - The People
- Carry Out
  - Laws and Regulations
  - Local Ordinances
- Gain Compliance
  - Outreach / Education
  - Enforcement
Hedychium gardnerianum
“Before”
Hedychium gardnerianum
“After”
Exemptions

- Section 24 C – Special Local Need (SLN)
  - Allows registration of a new product or additional use of a product
  - To address and existing or imminent pest situation
  - Cannot be mitigated by currently product

- Section 18 – Emergency Exemption
  - Allows an unregistered product to be used for a limited time when an emergency condition exists
  - Emergency condition is an urgent, non-routine situation
Types of exemptions

- Section 24 C
  1. New Pest
  2. Method or timing of application
  3. Different Use Rate
  4. New Crop/Use site

- Section 18
  1. Specific – growers and ag./non-ag. research
  2. Quarantine – invasive pests
  3. Public Health – Human health risk
  4. Crisis – special circumstances
Managing and controlling invasive plants requires a multi-disciplinary approach. This may include the use of chemicals to retard, kill, or otherwise regulate the growth of these plants. As such it is important that you possess the appropriate licensing and training for these types of activities.
There are two license types that one could hold in relation to invasive plant control.

They are QAL or the QAC.

Now if you are here for continuing ed. credits then you already have one of these.

But for the few of you whom do not...
Two certifications are worth the same in most respects

One Major difference

QAL license allows one to supervise and run a licensed pest control business.

In most cases associated with this symposium this is not the case

Therefore the QAC is perfectly sufficient for your field applications
Must possess this card if...

Supervise application of restricted materials, federal or state

It is important to possess a QAC with the appropriate category associated with your type of use
Categories

A  Residential, Industrial, and Institutional
B  Landscape Maintenance
C  Right-of-Way
D  Plant Agriculture
E  Forest
F  Aquatic
G  Regulatory
H  Seed Treatment
I  Animal Agriculture
J  Demonstration and Research
K  Health Related
L  Wood Preservative
M  Antifouling Tributyltin
N  Sewer Line Root Control
O  Field Fumigation
P  Microbial Pest Control
Q  Maintenance Gardener *
Reporting Use

- Reporting pesticide use for the control of invasive plants will vary depending on your particular situation.
- For applications made on private agricultural land use reporting will most likely be done through the growers’/operators’ pesticide use permit.
- On public lands use reporting may be achieved through the permit held by a municipality, County dept., DF&G, CalTrans, or other agency.
- Some of your control work may enlist the help of a licensed pest control business to make applications for you.
- For research/demonstration applications a research authorization or experimental use permit is required and use is reported to the state directly.
A. **Trial report** to be returned to Ag Commissioner's office prior to crop harvest or destruction:

**EXPERIMENTAL TRIAL REPORT**

To the County Agricultural Commissioner of ____________________________  

<table>
<thead>
<tr>
<th>County</th>
<th>Date Harvest Will Begin</th>
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<table>
<thead>
<tr>
<th>Date</th>
<th>Trial Location</th>
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</table>

**Disposition of Treated Commodity**

- [ ] Crop will be destroyed or used for research purposes only.
- [ ] Crop will be analyzed for residues and marketed if tolerance is met.
- [ ] Crop was marketed under the conditions of the RA.
- [ ] Non-crop or non-bearing trial; no crop harvest or destruction.
- [ ] No trials conducted in this county.

<table>
<thead>
<tr>
<th>Map No.</th>
<th>Company</th>
<th>Signature</th>
<th>Researcher (print)</th>
<th>Phone No.</th>
</tr>
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<tbody>
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**Experimental Use Report** to be returned to Sacramento Office by "Completion Date" on RA:

State of California  
Department of Pesticide Regulation  
PR-REG-028 (Rev. 1/01)

<table>
<thead>
<tr>
<th>Product Applied</th>
<th>Total Lbs. A.I. Used</th>
<th>Area Treated</th>
<th>Commodity Treated</th>
<th>Crop Disposition</th>
<th>Counties Where Trials Were Conducted</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
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<tr>
<td>B</td>
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</table>

**Notice:** This form must be returned to close out a Research Authorization. If no trials were conducted, indicate that above and return form.

<table>
<thead>
<tr>
<th>Researcher</th>
<th>Return copy to:</th>
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<tbody>
<tr>
<td>Firm</td>
<td>Plant Physiologist</td>
</tr>
<tr>
<td>Address</td>
<td>Pesticide Registration Branch</td>
</tr>
<tr>
<td>City, State</td>
<td>Dept. of Pesticide Regulation</td>
</tr>
<tr>
<td></td>
<td>P.O. Box 4015</td>
</tr>
<tr>
<td></td>
<td>Sacramento, CA 95812-4015</td>
</tr>
</tbody>
</table>
Training

- Training is one of the most important aspects of pesticide use.
- Protecting ourselves, colleagues, non-target organisms and the ecosystems in which we are working is essential.
Training should include a thorough understanding of:

1. Hazard communication
2. The label
3. Storage and transportation
4. Mixing and loading
5. Application
6. Disposal
7. Records
Before employees handle

A-8 or N-8 must be posted

MUST be filled out

Employer must maintain following
-use reports
-PSIS leaflets
-MSDS sheets
The Label

- The Label is the Law
- Precautionary Statements and PPE
- Statement of Practical Treatment
- Directions for use
- REI
- Ag. use requirements
- Storage and disposal
Storage and Transportation

- Store in enclosed areas
- Impermeable surfaces
- Protect from rain
- Follow label instructions for storage conditions
- Transport concentrate and pre-mix pesticides in a safe manner
Mixing and Loading

- Adhere to label rates
- Avoid spills
- Triple rinse emptied containers and pour rinse into tank mix
- Use an air gap
Again, follow the label
Avoid drift
Note application rates on label and maximum allowances
Disposal

- All concentrate containers
- Triple-rinsed and punctured
- Caps removed
- Take ‘em to an approved toxics facility
Record Keeping Requirements

- Three years (past two years + current)
- Use Reports, Trainings, Continuing Ed, etc.
- MSDS sheets and Labels
Weed Management in Sonoma County

- A storied history of Invasive plant control
- ARRA grant funding
- Rush Skeletonweed
- Iberian Star Thistle
- Illyrian Thistle
Before and After
Iberian Starthistle
Centaurea iberica
Don’t Hesitate to Contact Us

Phone: 707-565-2371
Email: sonomaag@sonoma-county.org

Visit our Website
www.sonoma-county.org/agcomm
THANK YOU FOR YOUR TIME

Are There Any Questions?