

2017 IPM Achievement Awards Nominees- Subcommittee Scoring Summary

Criteria	Frank Egger- notes	
1. Imaginative new ways	Suggested neighborhood Notification	✓
2. Ways to make most of Existing resources	Not sure – enlisting volunteers, signs posted about LBAM? Not noted in report, but think we can assume	✓
3. Questioned existing assumptions and beliefs (part a)	LBAM, Notification Ordinance	✓
3a Demonstrable results (part b)	Lbam, ban pesticides in public areas in fairfax Emphasis on banning pesticides	✓
4. Work within extg Constraints to create novel Approaches and share experience with others	Probably shared with other towns but not noted in application	✓
5. Commitment to applying innovative techniques	Non-pesticide promotion, no emphasis on alternatives to dealing with target pests	
6. Increased public's understanding of IPM through scientific discovery, innovation and its communication to public	LBAM work gained public prominence. Distributed science on Checkmate product; serves on Board of Marin Sonoma Vector and Mosquito Control	✓
7. Encouraged others to help raise public understanding of IPM	Non-pesticide promotion, not IPM	
8. Promoted engagement of scientists, enviro experts, IPM experts, public health and animal heal experts in public outreach	Probably in the LBAM campaign	✓
9. Fostered awareness of IPM among broad segments of the population	Non-pesticide promotion, not IPM	
10. Championed changes in knowledge, awareness and/or behavior related to pesticide use	Yes, though town of Fairfax and LBAM work	✓
Criteria	ISP- notes	
1. Imaginative new ways	Application of a highly professional multi-agency, public, and multi-pronged approach to controlling 3 species of invasive Spartina. Developed approaches to mow Spartina and treat with herbicide at a certain point in its morphology when the treatment would be more effective, reducing the amount of pesticide used.	✓
2. Ways to make most out of existing resources	Working with a non-profit, Friends of CMC Watershed, use of the CDA law authorizing the	✓

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	removal of noxious weeds to help reduce the spread of the invasives	
3. Questioned existing assumptions/beliefs encouraged people to think and consider alternative ways (part a)	ISP goes beyond just eradication, but to revegetation of the area; to reduce pesticide use, they introduced new techniques to pin point the invasive species	✓
3b. Demonstrable results (part b)	Moving toward eradication of all 3 species with zero herbicide need for control of <i>Spartina densiflora</i> post 2016; reduction of herbicides for control of <i>S. anglica</i> and hybrids and seed bank in 3 – 5 years. Native plant revegetation allows for return of native wildlife who are dependent on the native plants for habitat and food.	✓
4. Considered constraints and worked with novel approaches	Sandy G. of Friends, researched a CDA law and notified neighbors that noxious weeds must be removed, and then implemented this in order to halt the spread of invasive <i>Spartina</i>	✓
5. Commitment to applying innovative techniques, sharing	New techniques: GPS/GIS mapping software enables mobile two way web synchronization of collected data in the field – enables progress to be viewed and treated in a targeted way; and use of genetic markers to distinguish individual hybrids from native <i>Spartina</i> so that only the invasive <i>Spartina</i> is treated/pulled. Project's progress has been widely published and shared, including a 2016 MCL breakfast meeting and IPM Commission meeting.	✓
6. Increased public's understanding	Through publications, through local outreach, volunteer work days, site information, meetings, etc. Excellent power point. In addition, through data tracking, the resources and emphases of the project (mutely pronged IPM program) is easily understandable. Friends of CM Creek Watershed also educate the public through newsletter.	✓
7. Encouraged others to help raise public understanding of IPM	The Invasive <i>Spartina</i> Project is a classic IPM example where each tenet of IPM has applicable examples.	✓
8. Promoted engagement of scientist, etc	ISP collaborators include: Friends of CMW, MCP, CA Fish and Wildlife, UC Davis, Conservation Corps No Bay, and others.	✓
9. Fostered awareness of IPM in broad segments	Certainly locally, and most likely as an example in the broader bay area and northern regions where invasive <i>Spartina</i> species have spread	✓
10. Championed changes in knowledge, awareness, etc.	ISP has championed their work as a strong example of true IPM – using multiple approaches that reduce and eventually eliminate the need for	✓

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	pesticides while demonstrating the importance of revegetating native habitat previously degraded by invasive plant species.	
Criteria	Extractigators- notes	
1. Imaginative new ways	Manual removal, effective but not imaginative per se. Is a technique in IPM	
2. Found ways to make most of existing resources	All volunteer group pooling resources together	✓
3. Questioned existing assumptions/beliefs (part a)	Demonstrated the power of volunteers in tackling pest problems	✓
3a Demonstrable results (part b)	While their results have not been mapped, their piles of pulled broom demonstrate their efforts	✓
4. Considered constraints that limited	All volunteer group – no funding	✓
5. Commitment to applying innovative; sharing	They have shared their power points with others in the area; their representative speaks at IPM Commission meetings; hand out brochures, and participated in the KWMR's Epicenter program and have a video	✓
6. Increased public's understanding through scientific discovery, innovation, and it's communication to public	Robust outreach to public around the problem with Broom, resources available, and what to do to address the environmental threats presented by Broom	✓
7. Encouraged others to help raise public understanding of IPM	Probably by example, but again, not truly IPM. Never the less, they have helped people see the importance of one aspect of IPM and the criteria for pulling before broom sets seed, viability of seed bank, etc.	✓
8. Promoted engagement of scientists, etc.	unknown	
9. Fostered awareness of IPM	They have fostered the awareness of controlling French and Scotch Broom without pesticides. They also have promoted the importance of "swapping broom for native plants" and the "Return of the Natives."	✓
10. Championed changes in knowledge etc.	Strong promotion of community based non-toxic solutions	✓

Final notes:

While all 3 candidates demonstrated excellence on various selection criteria, the subcommittee recommends **Invasive Spartina Project** and **Extractigators** for the 2017 IPM Achievement Awards. These two projects met the highest number of criteria among the nominees, and demonstrated the strongest examples promoting Integrated Pest Management's broad-based approach to controlling pests and minimizing risks to people and the environment.

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Subcommittee voting summary (subcommittee consisted of 3 commissioners):

Extractigators- 3 votes

Invasive Spartina- 2 votes

Frank Egger- 1 vote