

ISAC Meeting – June 14-16, 2011

ACTION OR INFORMATION ITEM

SPONSOR (Name/Email): Joe DiTomaso (jmditomaso@ucdavis.edu)

TOPIC: Developing effective control strategies by using biological control agents in an IPM program

SPEAKER (Name/Email): Joe DiTomaso for 15 min, then open discussion among ISAC

1. DESCRIPTION OF AGENDA ITEM: The Control and Management Subcommittee would like to set aside 30 min to discuss the importance of developing effective control strategies by using biological control agents in an IPM program. In many cases, biological control is viewed as a stand along control option with successes, partial successes and failures and often does not consider the possibility that a partial success could be a very high success when integrated into an IPM system. There are examples of how such an IPM approach could enhance the use of biological control agents.

The subcommittee would like to spend no more than 15 minutes introducing the topic in a Powerpoint presentation by Joe DiTomaso (I have lectured on this topic at the International Biological Control Congress in France a couple of years ago). The subcommittee would then present our recommendation to ISAC and use the remaining time to formalize our recommendation. Thus, within this short 30 min time period, we could introduce the importance of the topic, make a recommendation, discuss that recommendation, and hopefully approve it.

2. WHY IS THIS ITEM IMPORTANT TO NISC / ISAC? HOW IS IT RELATED TO THE NATIONAL INVASIVE SPECIES MANAGEMENT PLAN? Related to the development of a white paper on biological control of invasive species through the Control and Management subcommittee of ISAC.

3. PREVIOUS ACTIONS TAKEN BY NISC / ISAC ON THIS ITEM:

Developed a recommendation at the last ISAC meeting in December which states:

ISAC recommends NISC member agencies such as the Army Corp of Engineers, the Department of Agriculture (ARS and APHIS), and others, expand biological control efforts for invasive species, and in particular those in aquatic systems, which tend to have limited options that are often very costly. These efforts are justified based on economic analyses that suggest an average beneficial return of 10-17 fold for each dollar spent on biological control.

4. ACTION REQUESTED OF NISC / ISAC: In the summer 2011 meeting the Control and Management subcommittee would like to expand our recommendations to emphasize the importance of developing effective control strategies by using biological control agents in an IPM program.

5. ALTERNATIVES:

6. ATTACHMENTS: