1. Full name of your Program Work Team (PWT):
   Sustainable Landscapes-Horticulture PWT

2. Please list names, affiliations and e-mail addresses of the PWT Co-Chairs: (With an asterisk [*], please indicate the co-chair responsible for finalizing this report.)
   *Lori Brewer Department of Horticulture bushway@cornell.edu
   Richard Harper CCE Westchester, rwh26@cornell.edu

3. Please identify your PWT’s activities, accomplishments, and, most importantly, outcomes and impacts over the past year.

In 2011 we focused on two types of professional development opportunities 1) distance learning for green industry professionals and 2) November agriculture in-service for CCE educators. The webinars that targeted green industry professionals tapped local county offices to service as hosts. As host at a minimum county offices recruited program participants from their area, set up a webinar viewing room and served as proctors for those participants wishing to receive DEC credit. Counties were encouraged to charge a participant fee and the fees they collected stayed with them.

Monday February 28th, 2011
Cornell University Entomologist Mark Whitmore and Cornell Cooperative Extension Educator Rebecca Hargrave will discuss the ID and Natural History of EAB and what your community can do to prepare for this pending pest.
Emerald Ash Borer Control and Other Pest Management News
Dan Gilrein, Extension Entomologist with Cornell Cooperative Extension of Suffolk County, will review the latest on management of emerald ash borer - what is registered in NY and how various controls are used and are working. He'll also note some of the other invasive pests that are threatening landscape ornamentals and discuss new control options including the addition of organic materials to the Cornell Tree and Shrub Guidelines. The new NYDEC Be Green Organic Yards initiative will be covered as well.

Monday March 28, 2011
Getting – and Keeping – the Bugs Out.
Cornell University Assistant Professor & Turfgrass Entomologist Dan Peck, Ph.D., will discuss the early-season scouting and intervention strategies that are necessary to get a head start on the prevention and management of major turfgrass insect pests on landscapes and golf courses, including Invasive Crane Flies, Annual Bluegrass Weevil, Chinch Bugs and White Grubs.
What We Learned from 2010 to Help in 2011.
Cornell University Associate Professor & NYS Turfgrass Extension Specialist Frank Rossi, Ph.D., will review the major pests and environmental stress factors that lead to significant pesticide use last season that may be avoided in the future. Particular emphasis will be placed on turfgrass selection, irrigation, soil conditions, and disease and weed pests.

Monday May 23, 2011
Agronomy Research Update: Fertilizing and Composting to Promote Plant Health.
Marty Petrovic, Ph.D., Cornell University Professor and Extension Turfgrass Agronomist will review and summarize the latest research findings pertaining to fertilizing and compost application BMP’s to promote plant health, reduce pests and protect the environment.

Turfgrass ShortCUTT’s: What’s Up?
Cornell University Associate Professor & NYS Turfgrass Extension Specialist Frank Rossi, Ph.D., will update professionals about timely seasonal pest and environmental stress factors that managers are contending with thus far in the 2011 growing season. Particular emphasis will be placed on using an integrated, environmentally-responsible pest management approach.

Monday June 20, 2011
Turfgrass ShortCUTT’s: What’s Up?
Cornell University Associate Professor & NYS Turfgrass Extension Specialist Frank Rossi, Ph.D., will update professionals about timely seasonal pest and environmental stress factors that managers are contending with thus far in the 2011 growing season. Particular emphasis will be placed on using an integrated, environmentally-responsible pest management approach.

Diseases of Landscape Woody Ornamentals
Brian Eshenaur, Extension Specialist with the NYS IPM Program at Cornell University will discuss the diagnosis and management of the latest diseases of landscape trees and shrubs

September 19, 2011
Least-Toxic/Organic Herbicide Management Research Update
Jenny Kao-Kniffin, Ph.D., Cornell University Assistant Professor and Weed Management Extension Specialist will discuss the latest research pertaining to the efficacy of the new Least-Toxic/Organic Herbicide products available to professionals.

Turfgrass ShortCUTT’s: What’s Up?
Cornell University Associate Professor & NYS Turfgrass Extension Specialist, Frank Rossi, Ph.D., will update professionals about timely seasonal pest and environmental stress factors that managers are contending with in the latter-half of the 2011 growing season. Particular emphasis will be placed on using an integrated, environmentally-responsible pest management approach.

October 4, 2011
Tree Roots and Tree Health: How Much Space is Needed?
Nina Bassuk, Ph.D., Professor and Director of Cornell’s Urban Horticulture Institute will discuss the latest research pertaining to understanding the soil volume required for growing healthy, pest-free urban trees.

Turfgrass ShortCUTT’s: What’s Up?
Cornell University Associate Professor & NYS Turfgrass Extension Specialist Frank Rossi, Ph.D., will update professionals about timely seasonal pest and environmental stress factors that managers are contending with in the final weeks of the 2011 growing season. Particular emphasis will be placed on using an integrated, environmentally-responsible pest management approach.

Recording of all the webinars has allowed others to review the information provided. Recordings are posted online at: http://vimeo.com/gbl/videos
We are continuing the webinars in 2012 as interest and participation were favorable.

November Agriculture in-service: Our PWT organize a Horticulture track featuring 13 sessions.
Attendance ranged from a dozen to 35 participants. We were able to record many of the session for later viewing by CCE educators who could not attend as well as Master Gardener Volunteers and the
general public as they are featured on our vimeo site: http://vimeo.com/gbl/videos