Effective Orchard Spraying
22 March 2016
8:45am-3:15pm
Orleans County CCE Education Center, 12690 Rt 31, Albion, NY 14411
5.25 DEC credits available

Growers attending this full day event presented by Andrew Landers will understand how to improve their timeliness and therefore apply sprays when needed and not be forever chasing the calendar. Correct application at the correct time will allow growers to make better use of their spray over the season. Registration fee is $15 to cover lunch, breaks, facilities, and other costs of programs. Pre-register by March 18th as space is limited. DEC credits will be available for full day participation. Register online at https://lof.cce.cornell.edu or by mail using the registration form below.

This in-depth training course on better spray application techniques will:

- improve your knowledge of spraying techniques leading to better deposition and less drift
- improve your timeliness of application resulting in better disease and insect control
- reduce off-target drift keeping you within the law
- show you how to modernize your existing sprayer
- inform you of new developments in sprayer design keeping you up-to-date
- help you potentially reduce pesticide use thus improving your profitability.

Effective Orchard Spraying Registration Form:
Please pre-register by Friday, March 18th due to limited space!
Send registration form and check payable to “CCE” to Kim Hazel, at 12690 NYS Rt.31, Albion, NY 14411 or contact her by phone, 798-4265 ext. 26 or by email at krh5@cornell.edu
Registration fee is $15 to cover lunch, breaks, facilities, and other costs of programs.

Name(s)___________________________________________________________________
Farm/Business____________________________________________________________
Address___________________________________________________________________
Email________________________Phone______________________Fax_______________
Number Attending____________ X $15 = ___________________ submitted (CHECK PAYABLE TO CCE)
Names Attending___________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
EFFECTIVE ORCHARD SPRAYING

22 March 2016
Orleans County CCE Education Center
12690 Rt 31
Albion, NY 14411

Agenda

8:30am  
Course registration starts

9:00 -9:15  
Introductions, course overview/aims/objectives

9:15 – 10:15  
Session 1 Sprayer designs
The different types of orchard sprayer, single row to multi row – their relative merits
Designs: ancient and modern, introduction to droplets, how they form, effect of size

10:15  
Break

10:30 -11:30  
Session 2 Droplets and Nozzles
Droplet formation and Nozzle selection: flat fan: F,M,C, and hollow cone, What’s new in design

11:30 -12:00  
Session 3 Calibration
Calibration of airblast sprayers and boom sprayers – use of You Tube, distance learning courses

12:00 – 12:45  
Lunch

12:45 -1:45  
Session 4 Airflow characteristics
What is the purpose of the air/ how to modify it to improve deposition and reduce drift
Drift and how to reduce it – air induction nozzles and other systems

1:45-2:30 pm  
Session 5 Effective sprayer management
Maximizing sprayer output, improving logistics
Getting the best from the spraying system
Filling and mixing, decontamination after use

2:30 – 3:00  
Session 6 Precision spraying
The future of canopy sensors to monitor density, tree row volume and spray used.

3:00-3:15  
Q & A, wrap up

3:15 pm  
Course ends