

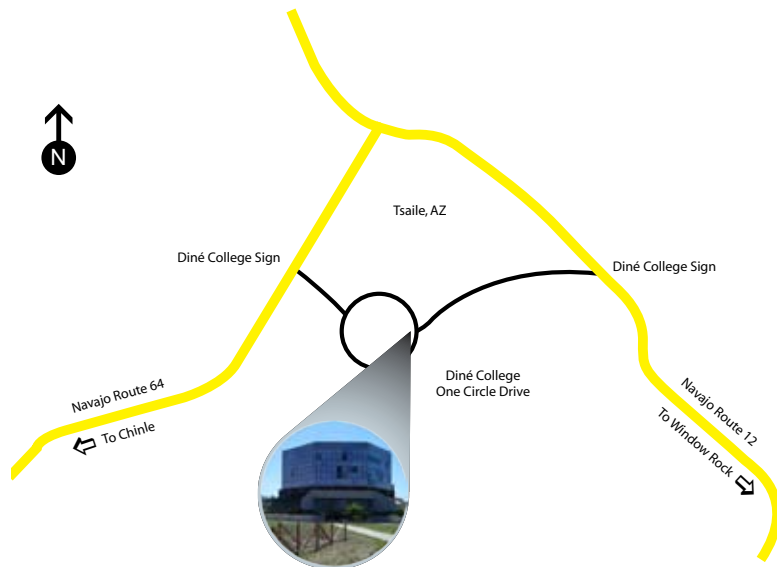
## Workshop Notables

Jack Peterson, Associate Director, Arizona Department of Agriculture suggested the following information be communicated to those who plan to take the applicator exam.

Please be prepared to prove your identity. When the test is handed out, instructors will need to see a government issued ID, and collect it until the applicant completes the exam because we cannot have people walking off with any part of the national exam. They cannot have course materials available [ or touch them ] while they are taking the exam – reference materials must be out of view. They cannot use their phones; they cannot leave the room. The exam has to be reviewed by an instructor when applicants return it to ensure all the pages are there. They cannot take any scratch paper they used with them. We give them paper and they have to return it when they complete the exam. We cannot allow exam information to be written down and then taken out. We (AZDA) will review all this stuff with Jennifer, but we will really need all instructors' help with this. If a student does not follow these rules, instructors collect the exam and then that student is done for that day. They have failed, even if they have enough correct answers to pass. They can come back in 7 days to retake it, but the failure counts as one of their 4 opportunities in a year. This will really need to be a team effort to collect IDs, monitor the exam taking, collect and review the exam and ensure that everything that was given to them was returned. I cannot overly stress how important this is. It is really serious business using the national exam. AZ's credibility is on the line; if this test material were to get away from us, it would be a serious embarrassment for Arizona.

### Map and Directions:

The entire campus resides within the loop, One Circle Drive. So, once you turn off either Navajo Routes 12 or 64 at one of the Diné College road signs you will drive right to the loop and the Ned Hatathli Center(NHC) will be in plain site The entrance from Route 64 will hit the loop road and you can take either turn and follow along to the NHC building.



Land Grant Office and University of Arizona Cooperative Extension present

# PESTICIDE TRAINING

PESTICIDE APPLICATOR CERTIFICATION TRAINING AND CEU WORKSHOP



## October 06, 2009

Diné College  
Tsaiile, AZ  
NHC 4th Floor  
Ned Hatathli Center



**7:00 am to 8:00 am Registration**

**8:00 am to 10:00 am**

Pest Management Ch. 1 Ed Northam  
Pest Control Introduction  
Pest Management Methods  
Integrated Pest Management (IPM)

Pesticide Laws Ch. 2 Ed Northam  
Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)  
Pesticide Registration and Reregistration  
FIFRA Violations  
Other Regulatory Laws  
Record-Keeping Requirements

Pesticide Labels and Material Safety Data Sheets Ch. 3 Jennifer Weber  
Documentation of a Pesticide Approval and Registration by EPA  
Components of a label  
Restricted Entry Intervals (REI)  
Components of the MSDS

Pesticide Formulations Ch. 4 Kai Umeda  
Liquid Formulations  
Dry Formulations  
Other Formulations  
Adjuvants

**10:30 am to 11:30 am**

Health, Safety and Personal Protective Equipment Ch. 5 & 6 Jennifer Weber  
Toxicity -- Exposure -- Hazards  
Product Toxicity - Signal Words  
Symptoms and First Aid for Pesticide Poisoning and Heat Stress  
Protective Clothing, Eye Protection and Respiratory Protection

**11:30 am to 12:30 pm LUNCH, will be provided!**

**12:30 pm to 1:30 pm**

Pesticides And The Environment Ch. 7 & 9 Jennifer Weber  
Pesticide Physical Characteristics  
Pesticide Movement and Drift  
Water Contamination  
Sensitive Sites and Non-Target Organisms

**1:30 pm to 3:00 pm**

Mixing Loading & Applying Pesticides & Sprayer Calibration  
Ch. 10-11 Ed Northam and Kai Umeda  
Application Equipment  
Equipment Calibration  
Calculating Areas To Be Treated  
Calculating Application Rate  
Safe Mixing and Loading  
Minimizing Drift  
Cleaning and Disposal  
Backpack sprayers will be used to illustrate calibration.

**3:30 pm to 5:00 pm NATIONAL CORE APPLICATOR EXAM**  
Instructor: Jennifer Weber Assistants: Ed Northam and Kai Umeda

**Featured Presenters**

***Ed Northam, U of A Cooperative Extension, Maricopa County***  
My career includes range conservation, rangeland weed research, cropland weed research, and crop/wildland/urban weed biology in Arizona. Non-native pest plants have been part of my professional life for 35 years. My education includes a B.S. in Biology from Tarleton State College, and a Masters in Range Science from Texas Tech, and finishing with a PhD. in Plant Science with a weed biology emphasis at the University of Idaho.

***Jennifer Weber, Arizona Department of Agriculture, Phoenix, AZ***  
Jennifer Weber is a pesticide safety field consultant with the Arizona Department of Agriculture's Agricultural Consultation and Training Program. She works directly with growers and agricultural employees to assist them with the federal Worker Protection Standard and state pesticide laws and regulations. She provides pesticide safety information in English and Spanish during site visits and training programs. She also develops educational resources to further extend pesticide safety information to the agricultural community.

***Kai Umeda, Maricopa County Cooperative Extension***  
He works in Agriculture and Natural Resources, Turfgrass IPM and Weed Science.

The following topics are those contained in the National Pesticide Applicator Certification Core Manual found at [www.nasda.org/workersafety/](http://www.nasda.org/workersafety/)

Chapter designations indicate the pages where topics are found in the national manual.