



# A WebCT-based Certified Animal Waste Vendor Training and Education Verification Program

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AU/ACES

# What is a "Certified Animal Waste Vendor"?

Person who is certified by ADEM and ADAI to . . .

- accept liability and responsibility for AFO waste
- obtain continuing education & keep required records
- effectively manage, transport, store, and properly land apply AFO waste
- follow NRCS best management practices
- Manage animal mortality & prevent discharges
- ensure protection of ground/surface water
- follow AFO/CAFO rules and regulations

# Responsibilities of the CAWV

1. Ensure that the land owner has a nutrient management plan (soil tests, rates, setbacks)
2. Proper timing of waste application to avoid run off and odor complaints.
3. Ensure application equipment is properly calibrated
4. Report accidental animal waste discharges into "waters of the State" to ensure protection of ground water and surface water quality.
5. Maintain records (dates, amounts, application location & target crop, rates, weather, customer names) for 3 years for inspection by ADAI



# The Role of Qualified Credentialed Professionals under Alabama's AFO/CAFO Rules

Qualified Credentialed Professionals (QCPs) play an essential role in enabling Alabama livestock feeding operations to comply with current rules. These rules, administered by the Alabama Department of Environmental Management (ADEM), require registration with ADEM preparation by one or more QCPs (WMSPs) that meets or exceeds the guidelines. A QCP must also be prepared for expansion or closure of some animal feeding operations.

The registration requirements for animal feeding operations (AFOs) are generally 1,000 animal units, while CAFOs are defined by ADEM as a Concentrated Animal Feeding Operation (CAFO). Smaller AFOs that have a discharge to the waters of the state must also register. For more details on requirements, see ANR 1175, *AFO Requirements: Your Questions Answered*.

The purpose of this document is to provide information to Qualified Credentialed Professionals (QCPs) and how to register a dual purpose operation.

### Who qualifies?

The term "Qualified Credentialed Professional" (QCP) refers to an individual who meets the following criteria:

1. Certified in a profession or occupation by a recognized professional or trade organization (QCPs must be certified in a profession or occupation by a recognized professional or trade organization.)

2. Have a minimum of two years of experience in the profession or occupation.



## What You Need to Know About the Alabama CERTIFIED ANIMAL WASTE VENDOR Program

A **Certified Animal Waste Vendor (CAWV)** is a person certified by the Alabama Department of Agriculture and Industries (ADAI) who is in the business of removing waste from the premises of an animal feeding operation for land application on another site. This person is certified to be knowledgeable of Alabama Department of Environmental Management (ADEM) regulations and appropriate techniques for managing, handling, transporting, storing, and land applying animal waste. The primary goal is to prevent animal waste from being discharged to surface waters.



## Continuing Education Requirements for AFO & CAFO Operators

Managing an animal feeding operation (AFO) using Best Management Practices (BMPs) means staying current on the latest regulations, requirements, and about the latest technology, equipment, management practices, and best management practices.

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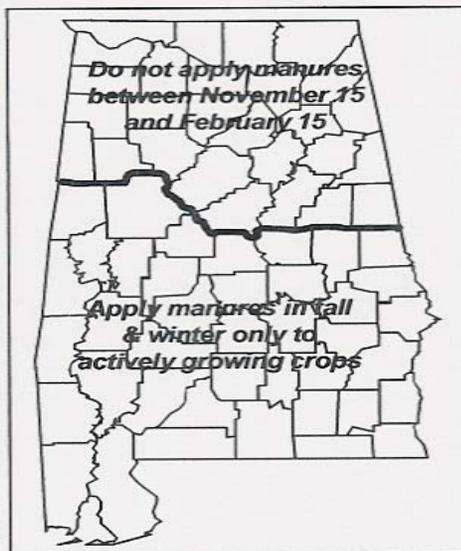
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- WINTER LITTER SPREADING RESTRICTED
- MANAGE THE MOISTURE
- TOLL FREE POULTRY LITTER HOTLINE

- ALL PRODUCERS MUST HAVE NUTRIENT PLAN
- POOR COMPOSTING QUARANTINES FARMS
- ADEM COMPLIANCE ACTIVITIES

## WINTER LITTER SPREADING RESTRICTED



The new NRCS Nutrient Management Standard Code 590 went into effect April 2, 2001. This map is part of the 590 Standard, and was created to clarify the NEW land application standards. It is the same map used in Certified Animal Waste Vendor (CAWV) and Alabama poultry producer training meetings last fall.

NRCS CODE 590 now reads, in part:

*Nutrient Application Method and Timing - Animal manure and related organic by-products will not be applied between November 15 and February 15 in North Alabama (See Figure above).*

*In the remainder of the state, livestock and poultry manure will not be applied in the fall or winter unless applied on an actively growing crop.*

Richard Hulcher stated that "While ADEM took a **compliance assistance** approach last winter with producers working with NRCS or ACES to make adjustments, ADEM will gradually shift focus to **compliance assurance** efforts, as necessary, by winter 2001-2002."

ADEM and NRCS sources

## MANAGE THE MOISTURE

NRCS representatives have met with a producer in Randolph County to select a site for a diked wet litter storage demonstration as proposed by the Coosa Valley Resource Conservation and Development (RC&D) Council. Upon hearing the details of the site prep, grading, and covering required, **the producer made a decision to manage his hen litter to keep it dry enough to use conventional temporary field storage and not diked storage.** He plans to **control water usage** as much as possible and **add dry sawdust** or other dry material as necessary to **produce litter dry enough to stack** about seven feet high. If so, the site selection and management will be much easier. The RC&D Council still has money available for two diked storage demonstration projects, if suitable sites can be found.

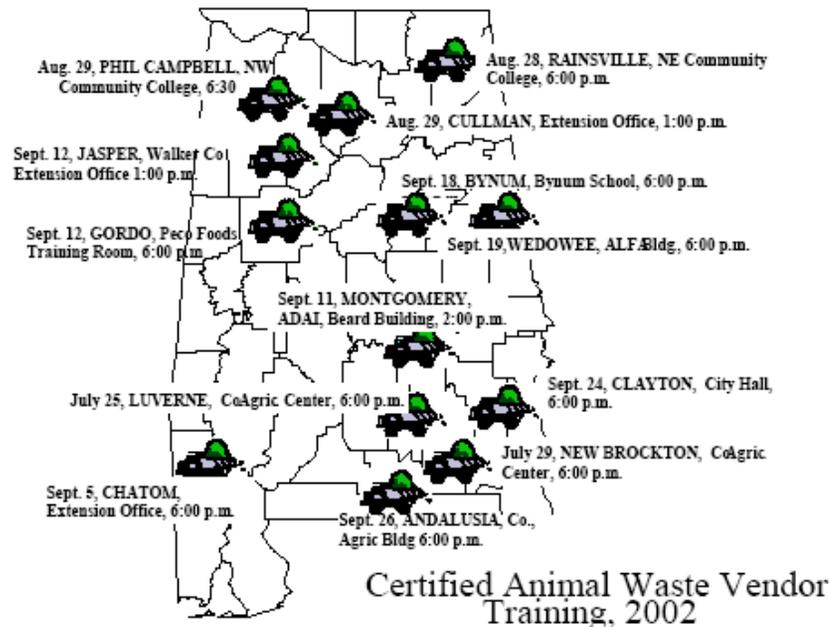
Bill Prince, NRCS Environmental Engineer

## Attention Poultry Farmers!

**Toll Free Poultry Litter Hotline**

oop on litter"

## Certified Animal Waste Vendor Training Set for Summer/Fall 2002



Most Alabama Certified Animal Waste Vendor (CAWV) certificates will expire in December, 2002. In order to become certified or renew an existing certification, all animal waste vendors should attend a training session sponsored by the Alabama Department of Agriculture and Industries (ADAI), the certifying agency in Alabama. The Alabama Cooperative Extension System is working with the ADAI to provide this training. Specialists from Auburn University, the state office of the Natural Resources Conservation Service, and the Alabama Department of Environmental Management (ADEM) will be at locations listed below and shown on the above Alabama map to provide this training.

### JULY

25	Luverne	Co. Ag. Center	6-9 p.m.
29	New Brockton	Co. Ag. Center	6-9 p.m.

### AUGUST

28	Rainsville	NE Community College	6-9 p.m.
29	Cullman	Co. Extension Office	1-4 p.m.
29	Phil Campbell	NW Shoals Com. College	6:30 -9 p.m.

http://www.aces.edu/department/aawm/ScoopFall2003.pdf - Micro...

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**COOPERATIVE Extension SYSTEM**

**Late Fall 2003**  
Published in cooperation with the NRCS

Biosystems Engineering Department Auburn University, AL 36849-5626 334-844-4181

**\*\* "Skeleton Plan" Land App. Rules & Procedures -Litter/Manures/Wastewater BUFFERS, ON BACK PAGE! \*\***

**ADEM Inspector Reminds CAWVs of Nov 15 -Feb 15 Winter Land Application Rules in North Alabama**

James McAfee, ADEM AFO/CAFO Field Inspector, reminds all CAWVs of the following winter land-application rules for north Alabama:

- Apply no more than 30 pounds of N per acre.
- Apply on cool season annuals (barley, oats, rye, or wheat) with at least 4" stem length, or ryegrass, fescue or orchardgrass with at least 3" stem length, at time of application.
- Time applications to avoid 72-hr rainfall predictions of 50% or greater unless application county waste-spreading "Farmers Map" is clear.
- No spreading on frozen or saturated soils.
- Have map of field and follow buffer distances.
- Have spreader calibration records documenting ability to spread 1/2 ton per acre of breeder-broiler

**2004 EQIP Litter-hauling Project**

The Natural Resources Conservation Service (NRCS) will have Environmental Quality Incentive Program (EQIP) funds available next year for a special poultry litter distribution-project. The project is designed to move litter from concentrated poultry production areas to other areas of the state that have not traditionally used litter as a nutrient source. This project will aid in paying litter-hauling costs to *land application fields that have not had litter applied in the last three years*. The project will be administered under the following guidelines:

1. Litter must be spread according to a nutrient management plan. The EQIP nutrient management incentive for payment for spreading may be *used on the receiving farm*.
2. Litter must be properly stored until spreading to be eligible for cost share assistance.
3. \$0.10 per ton per loaded mile, according to a

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## "Skeleton Plan" Land Application Rules And Procedures - Litter, Manures, Wastewater

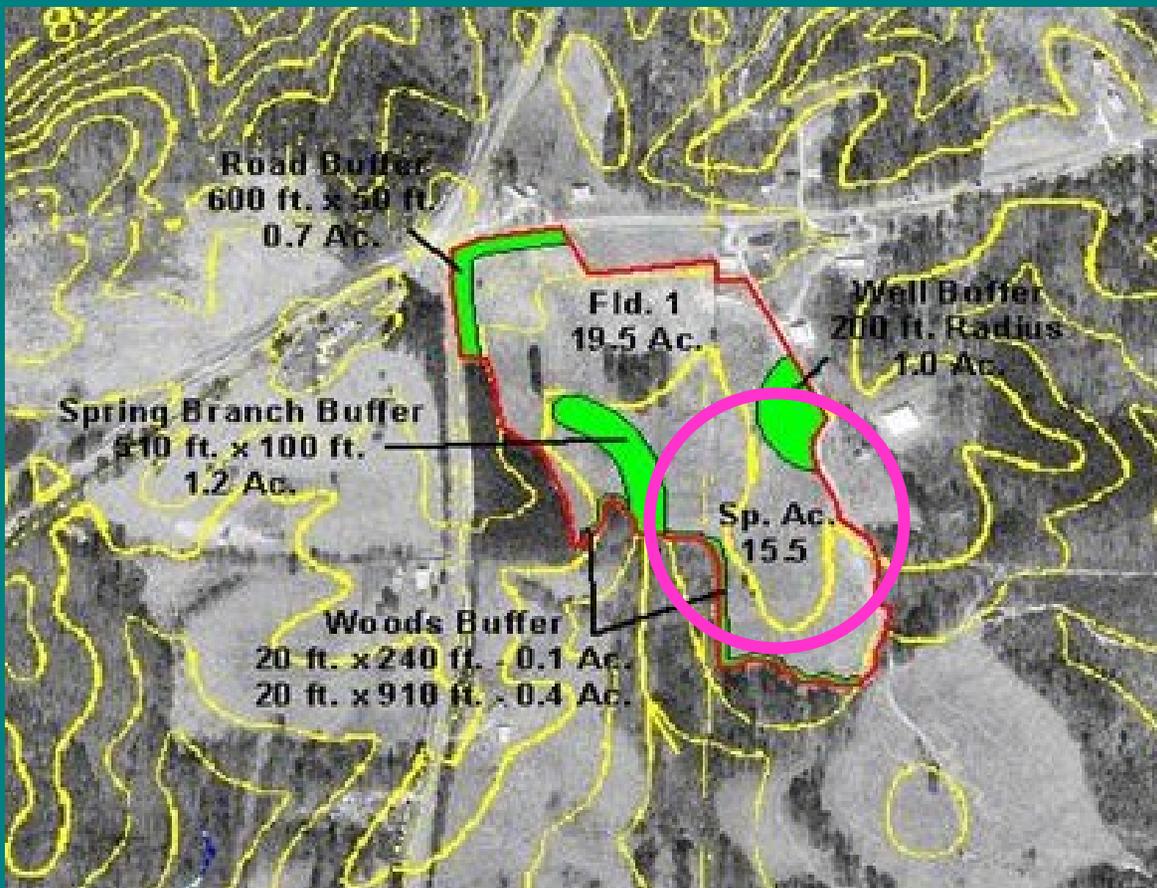
- Get a map (from the FSA, NRCS, etc)
- Mark wells, open ditches, springs, creeks, rivers, public use areas, etc, on the map
- Make sure buffers and filter strips are OK and mark them on the map.
- Estimate and apply litter only to spreadable acres
- N RATE - Multiply FSA acres by 0.6 (200 ft from water)
- 3XP Rate - Multiply FSA acres by 0.7 (50 ft from water)

### "Skeleton Plan" (N Rate) 200 ft From Water (includes a filter strip)

Hybrid bermuda hay-	2.1 tons/cutting
Corn, no-till -	3.1 tons @ planting
Corn, conv. -	2.6 tons @ planting
Cotton South, conv-	1.9 tons @ planting
Pasture, bahia/bermuda-	1.25 tons/grazing period.
Cool season grazing -	3.3 tons- split application fall & spring

### "Skeleton Plan" (3XP Rate) 50 ft. From Water (includes a filter strip)

Hybrid bermuda hay -	1.2 tons/cutting
Corn, no-till -	2.6 tons @ planting
Corn, conv. -	2.1 tons @ planting
Cotton, conv. -	1.0 tons @ planting
Pasture, bahia & bermuda -	0.3 tons/yr.
Cool season grazing -	0.5 tons/yr..



### Recommended Application Distances For Animal Manure and Organic By-Product Application

Object, Site	Situation	Application Distance (ft.) from Object, Site
Well	Located up-gradient of application site	200
Well	Located down-gradient of application site	300
Waterbody or Stream	Waste applied to pasture, hayland, or cultivated land	50
Public Road	Aerial irrigated wastewater	100
Public Road	Waste applied with spreader truck	50
Public Use Area	Dry waste	100
	Liquid waste	200
	Aerial Irrigated wastewater	500
Property Line	All	25

CERTIFIED ANIMAL WASTE VENDOR REGISTRATION CARD

PLEASE PRINT

NAME: MR. SHANNON, VINYARD

COMPANY/NAME OF BUSINESS: VINYARD TECHNOLOGY COMPANY INC.

ADDRESS: 200 E. MILL ST.

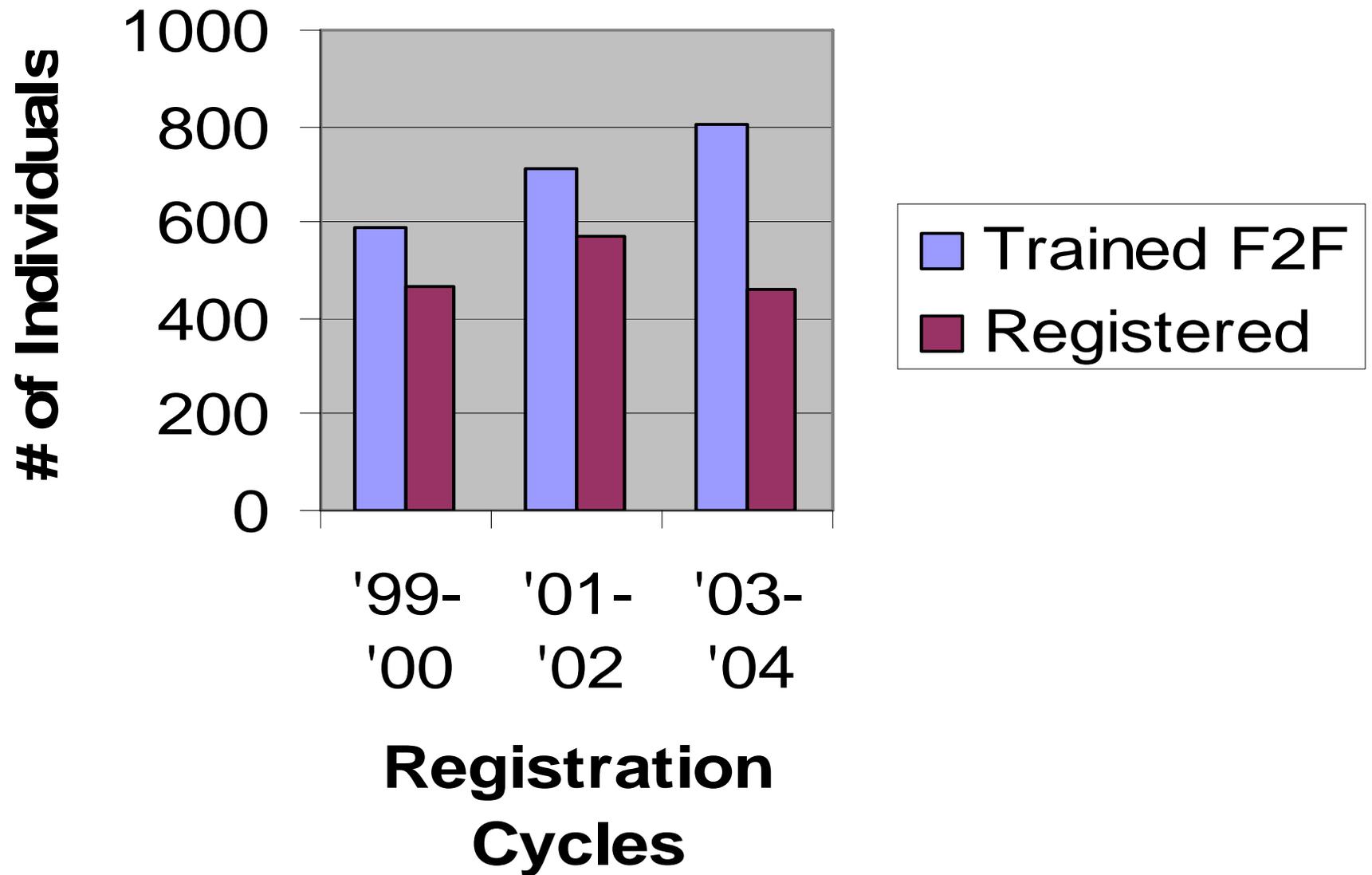
CITY: HARTFORD STATE: AL ZIP: 36344

COUNTY: GENEVA PHONE #: (334) 588-6644

IF POULTRY PRODUCER, CONTRACTOR NAME: N/A

ARE YOU CURRENTLY CERTIFIED? YES        NO X

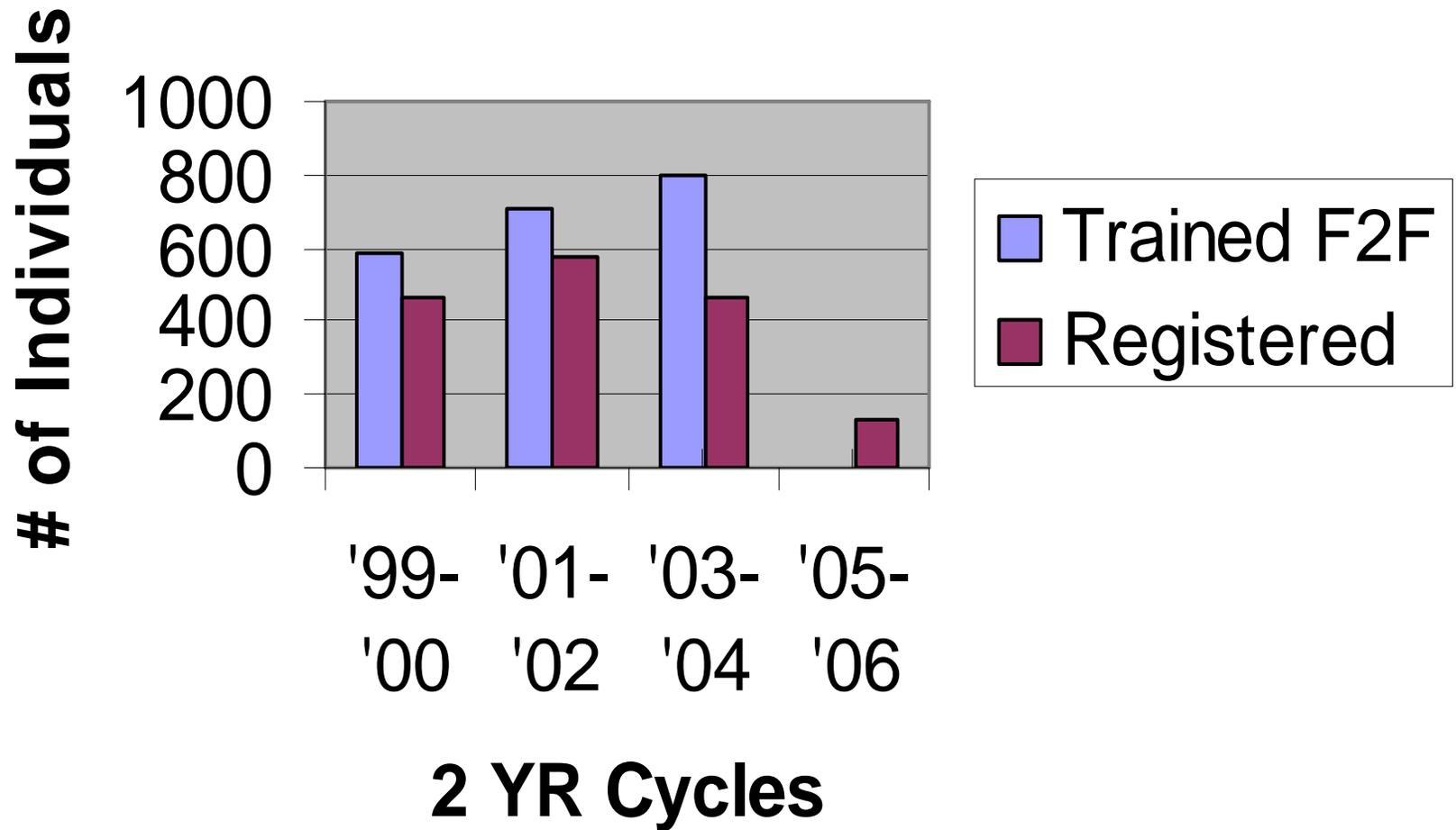
# CAWV Training & Registration



# A CAWV TRAINING & EDUCATION VERIFICATION WEB SITE

<http://www.aces.edu/aawm/WebCTCAWV.php?ACAWV>

# CAWV Training & Registration



# WEB PAGE ADDRESS:

<http://www.aces.edu/aawm/>

THIS WEB PAGE HAS  
ADEM RULES,  
ACES BROCHURES,  
CAFO & CAWV Training Info AND  
A  
LINK TO ALL NRCS  
STANDARDS & GUIDELINES