

AFFILIATES:



FORESTRY & ROW SERVICES



WEED SCIENCE RESEARCH STATION (WSRS)



ALL TERRAIN OF FLORIDA



Aquatic Vegetation Control, Inc.

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An Industry Leader

Aquatic Vegetation Control, Inc. (AVC), an innovative leader in the waterways and land management industry, is a Florida corporation founded in 1986 primarily as an aquatic and roadside vegetation management company. The company was based on three fundamental principles: quality, value, and responsible stewardship. Since its incorporation, AVC's scope of services has expanded to include invasive plant control, forestry and right-of-way applications, utility and industrial applications, mitigation planting and maintenance, hydro-ecological restoration, wholesale native nursery, a weed science research station, and an all-terrain, amphibious vehicle dealership.

The fundamental principles of quality work and client relations, value added services for all clients, and the responsible care of aquatic and terrestrial systems under our stewardship are the driving influences that have made AVC a leader providing vegetation management solutions throughout the Southeast U.S. In addition to these

core values, the company is also committed to increasing the quality of the communities in which we conduct business. This is accomplished through involvement in many civic organizations as well as providing volunteer support for community and environmental events.

The professionals at AVC are proud to be among those supporting the management of natural resources in the Southeast U.S., be it upland or wetland, freshwater or estuarine, for both the private and public sectors. We support each client by providing a competent staff of professionals

capable of providing innovative, cost effective management and reporting programs while functioning as an extension of the clients staff in all aspects of a project. In short, AVC's use of experienced professionals, dependable equipment, extensive knowledge of herbicides and best management practices, practical experience gained from a variety of projects, a safety driven culture, and current positive working relationships with State and local regulatory agencies are just a few of the qualifications that make AVC the optimal choice for providing such services.



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Waterways Management

The team of professionals at AVC has extensive experience in providing the most effective and efficient aquatic vegetation management programs in Florida. This experience includes managing exclusive golf course and luxury residential waterways for the private sector as well as, controlling nuisance vegetation in public drainage systems and federal navigational waters. Whether it is public or private, each project is conducted to the complete satisfaction of the client. The quality, value, and responsible stewardship of management programs that have set AVC apart are assured by the employment of well-trained and courteous professionals, the use of state of the art equipment, adherence to proprietary application methods and herbicide mixes, and the general understanding that we professionally represent each client in the eyes of their residents or constituents.



AVC offers fully integrated vegetation management programs consisting of the selective use of herbicides, introduction of triploid grass carp for the control of submerged plants, inoculations of approved bacteria colonies for providing clearer water with reduced bottom sediments, use of sequestering agents to alter nutrient cycling, installation of lake aeration systems and floating fountains for aesthetics and healthier waterways, native plantings, and mechanical or hand removal as needed in special

circumstances. This integrated approach allows for the maintenance of healthy, aesthetically pleasing waterways while providing residents with a safe and affordable management program.

Areas of Application:

HOA / POA Ponds and Lakes, Golf Course Waterways, Residential Lakes, Drainage Rights-of-Way, Urban Waterways, Stormwater Treatment Areas, Canals, State and Federal Waterways



BEFORE



AFTER

Invasive Plant Control



AVC is the industry leader for providing sound, value-oriented environmental management. Our land management teams control invasive plants on thousands of acres of natural lands and restore upland and wetland communities to promote biodiversity in both flora and fauna. We offer a partnership for managing natural resources and build relationships with our clients in order to ensure the success of their program. Some of our newest technology incorporates the use of GPS data integrated with our clients' GIS and mapping capabilities to help develop land management strategies. Our certified herbicide applicators control weeds that will become road, utility or drainage hazards that may threaten life and property. We offer crisis assistance and disaster recovery which can be crucial to drainage rights-of-way.

Areas of Application:

Natural Areas, Urban Preserves, Utility and Road Rights-of-Way, Parks and Recreation Areas, Mitigation Areas, Conservation Areas, Wildlife Enhancement Areas.

Industrial Vegetation Management

AVC has performed industrial vegetation management for more than 25 years. These services are provided under strict safety guidelines custom designed for each Client's specific needs using environmentally effective methods to control noxious and unsightly weeds and to promote desirable vegetation. We pride ourselves with having professional, experienced industrial applicators and equipment built with the latest technologies and safety features available for chemical applications.

Areas of application: Substations, Fencelines, ROC and Gravel Lots, Laydown Yards, Ditches and Ditchbanks, Storage Areas, Building Perimeters, Industrial Sites, Rail Ballast.

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Forestry & ROW Services

Forestry Brush Control

AVC is proud to be the leader and innovator in both Road Surface and Roadside Brush Control for over 15 years. These services are provided to forestry companies, forest consultants and private land owners to reduce the costs of maintaining the right-of-way within timberlands. Our Roadside Brush Control Program is proven to reduce the need to mechanically cut brush from every two years to five years with herbicide application. The sunlight this provides to the roads helps keep them dry and thus more passable. Another benefit of this Road Surface Program is the maintenance of a twenty four foot wide natural fire break while reducing turbidity associated with mechanical maintenance.

Areas of application: Forest Road Surface and Roadside Brush Control

Forestry Management Services

In addition to maintaining forestland infrastructure, AVC also provides custom forestry management services to increase forest productivity by controlling competing vegetation for nutrients, space, and sunlight. These services include herbicide applications for mid-rotation competition reduction, fuel reduction, and site preparation. To complement these application services, AVC also provides maintenance of fire breaks through a program of effective herbicide application and mechanical discing.

Areas of application: Site Preparation, Release, and Mid Rotation Herbicide Applications, Prescribed Fire Preparation.

DOT Roadside Programs

AVC has provided roadside vegetation management services for over 26 years. These services are provided under strict safety guidelines by licensed operators utilizing the latest in computer controlled application equipment. These computer controlled systems help regulate the flow



of specific applications to ensure precise rates and proper results. AVC provides services to Departments of Transportation, County DOTs, and municipalities, as an integral part of managing the roadside vegetation. AVC application benefits include increasing public ability to see clearly to reduce dangerous situations, suppress broadleaf and undesirable vegetation to promote the growth of desirable grasses, control the rate of roadside grass growth to reduce the cost of mowing, and to treat encroaching brush along the roadways.

Areas of Application:

Roadside Growth Control, Roadside Brush Control, Roadside Ditches and Canals, Sidewalk, Curb and Gutter Expansion Joint Vegetation Control, Guardrail, Fenceline, MSE Wall Vegetation Control.

Utility Brush Control

AVC has provided herbicide application services for 18 years to electric and natural gas utility clients as part of their integrated right-of-way vegetation management programs. Introducing selective herbicide applications as part of an integrated approach is proven to be more environmentally beneficial and cost effective than more traditional mechanical operations that add to the stem count and heavier brush growth. AVC scientists continuously partner with chemical manufacturers to identify chemistries that increase the effectiveness of target plant control while promoting non-target plant establishment. Once a new chemistry and application method is identified, AVC works in conjunction with each client to implement better management options. In addition to electric and natural gas utility clients, AVC also provides services to petroleum and water companies. We incorporate 4-wheel drive spray trucks, tractors, swamp machines, and back packs to provide any application techniques required for specific projects.

Areas of Application: Gas and Petroleum Lines, Power Lines, Water Lines, Billboards.



GPS Technology

AVC uses DeLorme GPS technology to help our clients extend the reach of their data collection and GIS activities. We understand that the need for accountability is greater today than at any time in the past. Many companies find themselves doing more with less and our ability to work from Shape Files enables us to save them time and money. Along with our truck mounted DeLorme units, we also incorporate hand held Garmin units to increase the areas we can access and record.



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Mitigation, Planting, and Maintenance

One of the unique aspects of AVC is our ability to support environmental consulting firms and land development companies by providing complete services for the creation of new areas, enhancement of existing mitigation areas and the restoration of altered natural areas. These services include baseline documentation, implementing hydro-ecological monitoring plans, clearing, grading, selective or mechanical removal of invasive plants, installation of native plant species, and selective maintenance to control the re-occurrence of invasive plants to encourage the establishment of the desired native plant community.

AVC has extensive experience with the installation of native plants and selective maintenance of invasive species in both wetland and upland sites. Due to this extensive experience, one aspect that differentiates AVC is our ability to examine planting sites and identify characteristics that may have economic impacts on the success of the project. Another important ability is the successful location of available plant material needed to meet a designated planting schedule and material specifications.

The professionals at AVC include Environmental Scientists, Professional Wetland Scientists, and an ISA Certified Arborist capable of overseeing native plantings and conducting required maintenance. AVC's proven project history of positive working relations with local and State regulatory agencies enables AVC to better portray our partners and clients in a positive light.

Areas of Application:

Private and Public Mitigation Areas, Designated Conservation Areas within Development, Stormwater Improvement Projects, Ecological Restoration Projects, Landscape Beautification Projects, Native Landscaping Projects.



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MARTIN COUNTY FARMS
WHOLESALE NATIVE NURSERY
(800) 327-8745



Martin County Farms

Martin County Farms supplies native plants for mitigation, restoration, stormwater and surface water improvement, and native landscaping projects throughout the state of Florida. Native plant material is available from bare root up to 25-gallon trees and larger on request.

Native Habitat

Florida's environment is impacted by invasive plants that cause a loss of preferred habitat for our native insects, birds, and animals. After the invasive plants are controlled by mechanical or herbicide means, a native plant installation is needed to restore the natural function and beauty of the area. The staff at AVC has been restoring native habitats for our clients for over twenty years. AVC provides native plants through Martin County Farms to create a habitat haven for many Florida native animals, birds, and butterflies. Native plants require little maintenance or irrigation to thrive. Conversely, traditional landscaping requires a lot of time and money to maintain, as well as vast amounts of water. Most areas of Florida have adopted water use restriction policies in response to declining fresh water quality and quantity in surface and groundwater. AVC has worked with residential and commercial developers as well as environmental consultants to comply with wetland and upland mitigation requirements. Martin County Farms provides native plants for projects or contract grows them for clients.



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Weed Science Research Station

“Offering Weed Science Research to the Herbicide Industry”

Why Research?

Florida's environment, along with the rest of the United States, is impacted by new aquatic and terrestrial invasive plants every day. Some of these weeds can be controlled effectively with current EPA labeled herbicides. Many plants require further experiments and field research to determine the best herbicide or tank mixes taking into consideration such factors as the following: efficacy, target weeds, cost, mode of action, application techniques, and adjuvants. The staff at the Weed Science Research Station (WSRS) and research associates, Vandiver Consultants, offer a flexible, confidential experimentation program designed to meet the needs of all clients interested in enhancing the management of aquatic and terrestrial weeds. The WSRS can work with protocols designed by the client, or develop them for our clients. We respect the proprietary information our clients entrust to WSRS and deliver results in a secure manner.

Our Team

WSRS is staffed by AVC Senior Scientist, Elroy Timmer who oversees the day to day operations of the station. Dr. Vernon Vandiver of Vandiver Consultants will design and conduct the protocols established for each project. Mr. Timmer and Dr. Vandiver have a combined 80 years in the weed research discipline and both men conducted aquatic weed research at the IFAS Research and Education Center in Davie, Florida. At the request of our clients, we can publish and present research results in a professional or corporate forum. We can also accommodate guest research associates at the station if it suits the needs of our clients.

WSRS current specifications

- (48) 3' x 9' epoxy lined test cells
- (55) 20 gallon barrels
- (70) 15 gallon barrels
- (4) 200 gallon containment cells

All of the test cells are plumbed with adjustable flowing water capabilities (supplied by an onsite pond) and overflows to regulate the volume. All test cells are covered with mesh screen to eliminate vectors of interference and cross contamination. The concrete test cells are epoxy lined to reduce water quality issues and to facilitate cleaning.

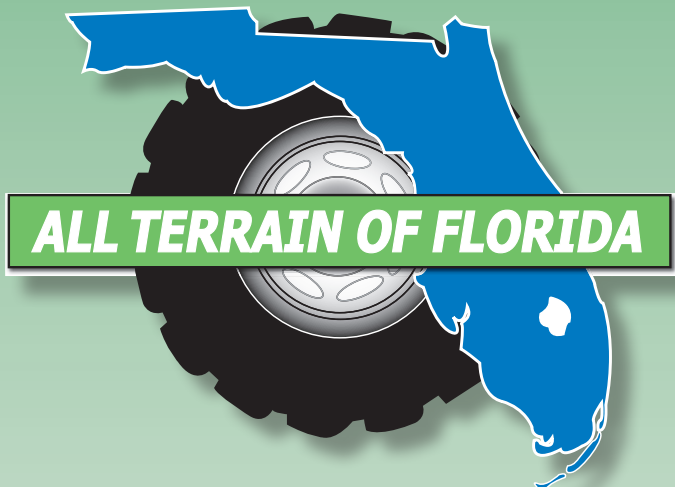
WSRS is the only private research facility in South Florida dedicated to further the science of aquatic and terrestrial weed management.



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**Wholly owned by
Aquatic Vegetation Control, Inc.**

All Terrain of Florida

All Terrain of Florida offers sales and service throughout the Southeast U.S. supporting the Argo UTV, XTI and Centaur commercial vehicles. The ARGO's all-wheel drive offers tremendous traction and maneuverability through dense forest and undergrowth as well as through marshes and water. The ARGO is the one vehicle capable of handling every terrain. The all-terrain, amphibious ARGO is specially designed to operate on land and in water and hauls six personnel and gear.

Applications:

Mitigation Maintenance, Agriculture, Utility ROW Maintenance, Recreation, Hunting, Fishing, Search and Rescue, Forestry, Disaster Support, Insect Abatement, Eco-Tourism

**"Extreme Off-Road
Performance"**



Amphibious UTV

"Since 1967"



**Argo 8x8
XTI**



CENTAUR

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Mission Statement

"It is our mission to be the Industry Leader providing environmental services to protect natural resources and communities."

*The environmental professionals at **Aquatic Vegetation Control, Inc. (AVC)** clearly understand the significant economic and ecological implications of invasive vegetation in Florida and its detrimental effects on natural ecosystems and public safety. We fully comprehend the magnitude of these negative effects on storm water drainage, property values, highway safety, mosquito control, aesthetic values, recreation and tourism, biodiversity, critical habitat loss, fisheries and wildlife populations, and other impacts too numerous to list.*

We are proud to be among the environmental professionals assisting local, state, and federal agencies, as well as the private sector, tackle the extremely difficult task of maintaining public safety and reclaiming Florida's natural areas and waterways for future generations.

Public and Professional Service

AVC believes that it is our duty to help the communities that support us. We volunteer our professional resources to assist on environmental work days with such groups as The Nature Conservancy, Camp Tanah Keeta, Florida Department of Environmental Protection, as well as various counties and cities.

We understand the need for leadership within our professional organizations and have committed our resources toward serving on several levels.

AVC supports the following organizations through contributions and service:

- Florida Exotic Pest Plant Council (FLEPPC)
- Aquatic Plant Management Society (Florida, South Carolina)
- Aquatic Ecosystem Restoration Foundation (AERF)
- Vegetation Management Association (Florida, Georgia, South Carolina)
- Responsible Industry for a Sound Environment (RISE)
- Invasive Plant Management Association (IPMA)
- Florida Association of Native Nurseries (FANN)
- Florida Native Plant Society (FNPS)

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