



Industrial Vegetation Control Methods

A field and reference resource developed and compiled by VegClear, based on real world applications.

VegClear™ - Industrial Vegetation Management provides Commercial Weed Control, Kudzu Abatement, Low Volume & Blanket Applications, Roadside Treatments, and Herbicide Spraying. Our Clients Include Commercial Property Managers, Landscapers, Government, Industrial, Rail, Retail, and Utility Managers.

Introduction

Industrial vegetation control is a critical aspect of maintaining safety, aesthetics, and functionality in various industries such as commercial property, utilities, transportation, and industrial sites. In the Southeast,



several methods are used to control unwanted vegetation from bare ground, and if warranted, also preserving desirable plants in the process. At VegClear, we specialize in using the most effective and safe methods of industrial vegetation control, including traditional Foliar Spray, Basal

Bark, Gouged Stump, Chemical Growth Regulator (or “spray mowing”), Foliar Side Trimming, Cut Surface, Cut Stubble, Dormant Stem, Injection and Frill and, for bare ground, Total Vegetation Control.

Total Vegetation Control

Total Vegetation Control, offered by VegClear, is a powerful solution for areas that require a prolonged period of vegetation-free zone. Using advanced broadcast and hand sprayed treatment, our team eliminates all vegetation in the designated area, including along fence lines,



railways, and around utility substations, pole yards, industrial sites, and telecommunication pads. Additionally, we also specialize in eliminating vegetation growth in

concrete cracks and crevices such as concrete road barriers, bridge ends, curbs, and parking lots, ensuring the safety and accessibility of the area. While this method is considered a last resort, as it eliminates all vegetation, including desirable plants, it is quite common and our team at VegClear has the knowledge, expertise and equipment to carry out the treatment safely and effectively. We also continuously monitor the ongoing effect of the treatment to ensure that the area remains vegetation-free for an extended period and observe signs of potential herbicide resistance.

In addition to total nonselective vegetation control, there are many specific approaches to address other concerns in the environment. At VegClear we consider all angles when approaching client needs and among them are the varied application approaches that follow.

Basal Bark

The Basal Bark method is an Individual Plant Treatment (IPT) technique that is used to control trees, shrubs, and vines up to six inches in diameter. It uses an





oil-based herbicide and carrier which allows the technician to apply it in a highly selective manner, resulting in minimal impact to adjacent desirable vegetation. At VegClear, we understand the importance of preserving desirable plants, and our team of experts will help you make the right choice.

Basal Cut Stump

The Basal Cut Stump method is used on any size woody stem to minimize re-sprouts after a hand-cutting operation. This treatment uses oil-soluble herbicides which can be applied any time after hand-cutting and is sprayed or painted onto the cut surface and remaining bark. This treatment increases ROI by protecting the initial cutting investment by reducing or eliminating future maintenance costs. At VegClear, we use state-of-the-art equipment and technology to ensure that the treatment is carried out efficiently and effectively with minimum herbicides to achieve the desired results.

Growth Regulator / Chemical Mowing

Chemical Mowing is a Broadcast Treatment (BT) method used for unimproved turf such as roadside rights-of-way or airports. It is designed to reduce mowing frequency by regulating grass growth and controlling broadleaf weeds. At VegClear, our teams of experts are well-equipped to handle growth minimizing situations, and we ensure that our treatments are safe and effective. With our expert applications, your maintenance team is able to reduce mowing frequency by slowing grass growth and controlling broadleaf weeds.

Chemical Side Trimming

Chemical Side Trimming is a treatment used to control limbs encroaching on rights-of-way such as utility, gas & pipeline, or roadside. The portion of the shrub or tree not



treated remains unaffected by the treatment. In many cases, it is much more efficient than mechanical methods and increases the time between cycles that limb removal is required. This method of application works

as a safety measure to keep signs and roadsides clear and to reclaim grass areas that may have been shaded by low-hanging limbs.

Cut Surface

The Cut Surface method is used on any size woody stem to control re-sprouts after a hand-cutting operation. This treatment uses water-soluble herbicides which should be applied to the cut surface immediately after hand-cutting. This treatment protects the initial cutting investment by reducing or eliminating future maintenance costs. It must be done in tandem with the manual trimming operations to be successful.



Cut Stubble

The Cut Stubble method is a type of treatment applied to the remaining stubble left behind after a mowing operation. Residual herbicides are an essential part of the mixture, as the treatment relies on soil activity (through root uptake) to control the targeted woody plant species.



Gouged Stump

The Gouged Stump method, also commonly referred to as a hack and squirt treatment, is used to control any tree or shrub 2 inches or greater in diameter by applying the herbicide mixture directly into the vascular tissue of the target plant, after making a series of hatchet blows to the circumference of the stump at about chest height.



Dormant Stem

The Dormant Stem method is used for brush control season beyond the typical foliar season, minimize brown-out, and control brush around sensitive sites such as crops and certain urban/suburban environments. Its appeal is primarily for municipalities and high profile commercial locations which are able to mitigate public perception concerns around the appearance of dead/dying foliage during the growing season. Herbicides

applied with the correct carriers in the dormant season remain in the plants vascular tissue until spring when the active chemical begins functioning, killing the unwanted plant and preventing it from recovering from dormancy.

Foliar

The Foliar method is generally the most widely used among all treatment options. It may be applied either as a broadcast or directed, spot treatment.



This treatment is applied to

the foliage of the target vegetation and can be used to control any combination of grasses, sedges, broadleaf weeds, and woody plants based on herbicide selection. Shields and guards are often used to protect desirable vegetation in the areas being treated for weeds.



Injection and Frill

The Injection and Frill method, also commonly referred to as a hack and squirt, and also slice and squirt treatment, is used to control any tree or shrub two inches or greater in diameter by applying the herbicide mixture directly

into the vascular tissue of the target plant after drilling or cord cutting with a special two handled tool with a steel braided “blade” connecting the handles (similar to a pipe saw).



At VegClear, we understand the importance of industrial vegetation control in maintaining safety, aesthetics, and functionality in various industries. Our team of experts is trained to use a variety of different methods to regulate and altogether stop the growth of unwanted vegetation while protecting desirable plants and wildlife. We work closely with our product suppliers and clients to understand their specific situation and recommend the best course of action based on factors such as the type of vegetation, location and any environmental or safety concerns. We are committed to providing safe and effective solutions, adhering to all safety measures and regulations, and using state-of-the-art equipment and technology. We always ensure that your industrial vegetation control efforts are successful, cost-effective, and safe. VegClear is the right contractor you can rely on for all your industrial vegetation control needs.

