

Common Herbicide Active Ingredients for Industrial Weed Control†

Always adhere to and maintain strict compliance with the label instructions for any herbicide.

Document Purpose:

- This sheet gives facilities and maintenance leaders an overview of common herbicide active ingredients labeled for use on industrial and commercial sites.
- Information covers suitability based on vegetation controlled, target species, and site types for effective industrial weed control.

This is a Guide Only:

- Best practices dictate only licensed applicators should spray pesticides‡ At minimum, all treatments must be supervised by a state licensed applicator‡
- Always follow the product label after reading in full and reviewing protocols for your use case, including safety requirements and application restrictions

The table below highlights common herbicide ingredients and their corresponding brand names and target plants. Each row represents a different herbicide active ingredient, while the columns list typical use sites, trade names, and target vegetation for industrial weed control.

Non-Selective Herbicides: Control all plants contacted or absorbed by the spray treatment and do not differentiate between unwanted weeds and desirable vegetation. Use only where all (present & in some cases, new) growth, including trees, ground cover, and shrubs, is intended to be controlled or eliminated.			
Active Ingredient	Use Sites	Trade/Brand Names	Target Plants
Glufosinate*	Industrial Sites With Undesirable Growth Present	Cheetah Pro, Finale	All Vegetation it is Sprayed On, Any Leaf Contact Impacts Plants
Diquat*	Commercial Areas With Unwanted Green Foliage	Reward, Tribune	Any Green Growth, Only Affects Plants at Point of Spray Contact
Imazapyr**	Gravel, Utility Areas, Equipment Storage Yards, Tank Farms	Arsenal, Polaris, Habitat	All Vegetation , Woody Species, Invasives, Noxious Plants
Diuron**	Crushed Rock, Industrial Yards, Security Fence Perimeters	Diuron 80, Diuron 4L	All Growth , Perennial Grasses, Annuals, Weeds
Bromacil**	Lumberyards, Gravel, Pipeline, Tank Farms. % varies, check label	Krovar, Brom 7.5, Banish	Total & Systemic Weed and Grass Control, Leaf Absorbed
**Residual. Controls active & prevents new growth. Avoid on slopes or drainage areas. May be root or leaf absorbed.			

*Controls only active growth. Little to no residual effect. Primarily absorbed by leaves. Minimal long-term soil impact.

Selective Herbicides: Control specific species or vegetation types such as broadleaf, woody, or grassy plants. Used for targeted weed control when the applicator understands what vegetation is susceptible and what plants should remain unharmed. Some products contain multiple active ingredients for broader control.			
Active Ingredient	Use Sites	Trade/Brand Names	Target Plants
2,4-D*	Grass Slopes, Gravel, Shoulders	Weedar 64, NovaGraz	Broadleaf, Brush, Vines
Triclopyr*	Bare Ground, Hillsides, Fences	Garlon, Remedy, Crossbow	Woody, Tree Saplings, Thistles
Dicamba*	Guardrails, Turf Slopes	Banvel, Rifle, Vanquish	Brush, Vines, Broadleaves
MCPA*	Gravel, Industrial Turf, Perimeter	Weed B Gon, Rhonox, Rhomene	Thistles, Broadleaf Weeds



Always [Use Proper PPE](#). Use marking dye for visibility. Confirm forecast and product rainfast requirements before spraying industrial sites.

- **Pre-Emergent** Herbicides are applied to the ground before germination to prevent growth on gravel at substations, rail, and industrial property.
- **Post-Emergent** Herbicides target actively growing broadleaf, grassy, and woody plants along fence lines, in landscapes, and in pavement cracks.
- **Dormant Season** Applications are applied to brush, small trees, and woody vegetation in an oil carrier and/or specialized adjuvant for uptake.
- **Spring and Summer** Applications are most often done to control actively growing weeds and breakthrough growth during peak season.

VegClear is a state-certified and licensed herbicide application contractor, providing full-service chemical weed control and vegetation management treatment programs for industrial, commercial, utility, and [municipal properties](#). Specialized, site-specific programs include non-selective [bare ground](#), precision weed control, [brush control](#), [gravel lot weed spraying](#), and [substation protection](#). We prioritize safety and practice **environmentally responsible land stewardship in every project. **Contact us at 678-370-8686 or email team@vegclear.com.****

‡ State Specific. Check local regulations.

† This guide is provided for general informational and educational purposes only and does not constitute application instructions or legal guidance. All herbicide use must comply with product labels, EPA requirements, and applicable federal, state, and local laws. **Product labels are the legal authority and must always be followed.** VegClear makes no warranties regarding the accuracy or applicability of this information for any specific site or condition. Site conditions, species present, weather, soil, and regulatory requirements vary and can affect results. **VegClear assumes no responsibility or liability for the use or misuse of this guide**, including regulatory violations, environmental damage, property damage, or personal injury. Individuals who use herbicides are solely responsible for licensing, training, and compliance. It is the responsibility of the user to know all applicable state, federal, and local laws governing pesticide use.