

# ChemPro

SERVICES



## Introduction to Herbicide Applications on your Rights-of-Way

**F**or years, maintenance costs on road ROW have been subjected to factors that are out of our control. Examples of this include: temperature, rainfall, and fuel costs. Often times this burden falls on the taxpayer. Governing bodies of municipalities have to justify neglect, geographic preference, and omission of service to their constituents. Mother Nature only knows adversity when faced with maintenance.

ChemPro Services, Inc. has dedicated a division of its business in bringing “Roadside Herbicide Application” to the forefront. As a clear alternative, ChemPro offers its service as a cost-savings and aesthetic enhancement to Road Managing Agencies and Governing Municipalities throughout the Southeast United States.

The price of diesel fuel is making herbicide applications a far more economical solution because no one can predict the cost of fuel from year to year. Secondly, mowing is hard on equipment, which dictates upkeep and repairs regularly. With a year as we have had in the past, rainfall and extreme heat can cause vegetation to get to unsafe heights. Vegetation at these levels can impair visibility, host wildlife, promote flood conditions, and cause damage to vehicles. With a customized program you can reduce the mowing frequencies, improve your ROWs aesthetics, and stabilize costs.

A model application program begins in fall or winter depending on geography and generally consists of 3 spray applications. However, two applications may work well depending on your needs, geographical location, etc....

Herbicides are not a “cure-all”! The use of mechanical cutting is still necessary in many growing regions. Some areas have a longer growing season and faster growing species. Herbicides will still reduce overall cycles of maintenance when used properly and at the correct time.

### Herbicides

Properly selected herbicides are very safe for use in your rights of ways. Herbicides should be chosen that are safe for the environment in which they are being used, safe for the workers that are making the application, and applied properly per label instructions.

**Safe herbicides widely used on roadside ROW throughout the Southern United States:**

Plateau	Milestone	Escort
Rodeo	Oust XP	Garlon 3A
2-4-D Amine	Perspective	

### Modes of Action

Herbicides are basically placed into two categories, selective and non-selective. Selective herbicides’ are used to control certain species that are growing among desirable species. This is a common method when treating brush among desirable grasses or other desirable plants. Selective herbicides are used most often for controlling broadleaf weeds and weed grasses in desirable turf settings. Selective herbicides are useful in ROWs as well but may not provide the necessary control needed for the targeted plants. Sometimes selective herbicides may provide temporary control and the targeted plants may need retreating the same growing season or the following season. Selective herbicides are many times combined with non-selective herbicides to provide control of specific problems or to make a more complete blend.

Every geographic area requires a custom management plan that is tailored to the customers, species, and desired objective.

**Teaming with a quality contractor is the 1st and most important step in developing a successful ROW management plan.**