



CLOUT– NATURAL HERBICIDE ADDITIVE

CLOUT is a natural, multi-purpose herbicide additive and compatibility agent formulated with a complex blend of wetting agents, macro and micro nutrients, and plant growth stimulants that augment the efficiency of synthetic herbicides, promote healthy plant growth, and reduce the plant stress resulting from herbicide intake and enable applicators to reduce herbicide application rates up to 50 percent. A mixture of **CLOUT** and herbicide is more efficacious than the herbicide alone.

When a systemic herbicide is applied to a weed, it must penetrate the leaf surface and move through the plants vascular system to the site of action within the plant. Several barriers exist within plants that hinder absorption, including the cuticle, cell wall and cellular membrane. When used as directed, herbicide additives can accelerate the rate at which the herbicide moves through these barriers.

When herbicide additives are incorporated in a spray mix, it is seldom necessary to thoroughly drench an area with herbicide to achieve satisfactory weed control. Applying just enough herbicide to wet the foliage, without causing runoff, will provide effective weed control. Effective weed control involves the application of herbicides when weeds are visible and actively growing. Heavily weed infested lawns may require repeated herbicide applications in the first year, but, once control is achieved, application can be reduced to spot treatment of problem areas. A spot treatment involves applying herbicide to the weeds, instead of the entire lawn.

BENEFITS OF CLOUT:

- Reduces the surface tension of the spray solution
- Increases spray solution coverage
- Increases spray retention
- Increases herbicide absorption rate
- Stimulates healthy plant and reduces plant stress
- Enable applicators to reduce herbicide application rates up to 50 percent

APPLICATION RATES:

1. Tank mix the herbicide at the desired reduced rate (TYPICALLY 50%)
2. Add **CLOUT** - herbicide additive at 0.25 V/V to 0.6% V/V

TANK VOLUME	1000 Litres	1000 Litres	1000 Litres
CONCENTRATION	0.25% V/V	0.4% V/V	0.6% V/V
CLOUT	2.5 Litres	5 Litres	6 Litres

SAFETY:

CLOUT is produced in accordance with NOSB (National Organic Standards Board) guidelines. The materials used in the production process are derived from naturally occurring and sustainable sources and are consistent with organic principals and the National List of Allowed Substances. **CLOUT** does NOT contain synthetic chemicals, animal components, and animal by products, manure or manure by-products. **CLOUT** is environmentally safe and is not harmful to animals, plants and humans.

COMPLIANCE:

Fully complies with EPA Toxic Substance Control Act (TSCA) and the rules, orders and regulations promulgated there under including:

- a) Sections 4, 5, 6 & 7; Title 40 Chapter 1, 707.20 thru 707.75;
- b) 40 CFR Sections 704.3. 710.2(e) and 720.3(c); and
- c) Sections 5 and 13, reference 42FR64583
- d) Does not contain marine pollutants as defined in 49 CFR 171.8.

STORAGE & HANDLING:

Do **NOT** freeze. Store in a cool location away from direct sunlight - No special handling required

PACKAGING:

2 Litre Jug

20 Litre (5 gallon) HDPE Pail

205 Litre (45 gallon) Barrel

1000 Litre Tote