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www.TheGreenGuardian.com
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Product Offering

Weed & Feed Products

Green Guardian 14-0-5 (Edible product contains organic plant extracts, plant derived acids, feed grade urea, wetting agents and potassium chloride)

1 quart NW&F per 1,000

1 quart NW&F Plus 3 quarts water = 4 quarts blended solution per 1,000 sq ft

Basic application - visual result is spray until weed leaves are damp.

Green Guardian 8-0-5 (Edible product contains organic plant extracts, plant derived acids, feed grade urea, wetting agents and potassium chloride)

1 quart GG per 1,000

1 quart GG Plus 3 quarts water = 4 quarts blended solution per 1,000 sq ft

Basic application - visual result is spray until weed leaves are damp.

For effective, selective weed control in situations where weeds are dominant use our **WEED BUSTER™** approach - 3 applications within 30 days. This will provide the maximum amount of nutrient the plant can utilize with each treatment. In addition, the weeds will be damaged to their maximum level while the nutrients will deepen the root system, improve color and thicken grass varieties that expand by tillering. If you have grass varieties that do not tiller or the turf is still thin, over seeding is recommended after this program is completed.

Our weed controls work by overfeeding the weeds, which causes the cells to rupture within the plant. Other ingredients within the product provide the capacity to translocate the product into the roots and other parts of the plant not directly treated. Some weeds will die within hours or days, others will survive depending on how established they are. By the 3rd treatment approximately 80% of the weeds will be eliminated and 30 day interval follow-up services are recommended to further reduce weeds and maintain the turf.

Evaluate the condition of the lawn to decide which product you wish to use. For lawns that are very yellow and weak, use the formulas with higher nitrogen content. When temperatures rise above 80 degrees move to the lower nitrogen products. Use the 8-0-5 only for a totally organic approach..

All products provide a very strong greening effect which exceeds most, if not all, traditional fertilizers.

GG 14-0-5 and 8-0-5 includes an organic plant extracts derived from agricultural by products. All ingredients are 100% feed grade. Farm Crop Extracts warrants that the label conforms to EPA exemption standards as outlined in the FIFRA act and does not require a pesticide registration number. Many states will NOT require you to post signs or have certified pesticide applicators. Each states requirement varies and you/we will need to obtain verification of its requirements for our label prior to sale or applications commence.

Non-Selective Weed Controls

Everything Must Go! (Organic) Edible in diluted form only. Otherwise too concentrated and can burn mouth.

1 quart EMG plus 9 quarts water.

Spray until damp. Coverage will be reduced if plants are mature and foliage is dense.

Broadleaf weeds generally require a slight damping of the leaves ~30% to affect proper control. Grassy weeds, Milkweed, Mature thistle should be sprayed until wet. Generally this will not control or have the desired effect on small trees/shrubs.

Plants should be dead within hours, if not reapply as needed.

This works by ripping the cells apart within the plant. Other ingredients within the product provide some capacity to translocate the product into the roots and/or other parts of the plant not treated.

Repellents

Blistering Defense & Goose Repel (Organic and Edible)

Apply at 1 quart per 10,000 sq ft with a total of 10 gallons of water.

For shrubs use 1 quart BD with 1 quart NW&F 5-0-3 into 100 gallons water. Spray this solution on foliage for insect and fungus control.

The product contains Garlic and Soy oils that are emulsified into one homogenous solution and then combined with a White Pepper that is cooked into one emulsified solution. This coats and penetrates most vegetation alive or dead. When animals or insects attempt to feed Blistering Defense disflavors the food causing them to find more a more desirable food source somewhere else.

Skeeter Beater (Organic and Edible)

Apply at 1 quart per 10,000 sq ft with a total of 10 gallons of water.

This is basically the same product as Blistering Defense & Goose Repel but without the pepper.

GREEN GUARDIAN

889 Pierce Butler Route, St. Paul MN 55104

651-295-8388

www.thegreenguardian.com

www.Farmcropextracts.com

Introducing the FIRST EVER SELECTIVE BIOLOGICAL WEED CONTROL!

All controls are 1 to 2 applications over 30 – 60 days unless otherwise noted

All 2 to 3 application programs are spaced 7 – 10 days apart.

| | | | |
|--------------------------------------|----------------------------|-------------------------------|---|
| Annual and Biennial Broadleaf | Prostrate Pigweed | Creeping Thyme | Annual 2 to 3 applications over a 3-week time span |
| Bedstraw | Puncture Vine 2 to 3 | Curly Dock | |
| Birds-eye Speedwell | Purslane | Dandelion 2 to 3 | Annual Bluegrass |
| Black Medic | Purslane Speedwell | Dichondra | Barnyardgrass |
| Brass Buttons | Rabbit-foot Clover | Dollarweed | Crowsfootgrass |
| Bur Clover | Ragweed | English Daisy | Egyptian Crabgrass |
| Buttonweed | Scarlet Pimpernel | Field Madder | Fall Panicum |
| Carolina Geranium | Shepards Purse | Ground Ivy 2 to 3 | Foxtail Barley |
| Carpetweed | Small Hop Clover | Heal-all | Goosegrass |
| Common Chickweed | Slender Aster | Lespedeza | Green Foxtail |
| Corn Speedwell | Slender Aster | Matchweed | Large Crabgrass |
| Cranesbill | Smartweed | Mary's Weed | Lovegrass |
| Cudweed | Sow Thistle 2 to 3 | Moneywort | Sandbur |
| Cut-leaved Evening | Spotted Spurge | Matchweed | Signalgrass |
| Primrose | Star of Bethlehem | Mary's Weed | Smooth Crabgrass |
| Daisy Fleabane | Spurweed | Moneywort | Stinkgrass |
| Dayflower | Swinecress | Mouse-ear Chickweed | Sudangrass |
| Dog Fennel | Tropical Chickweed | Orange Hawkweed | Torpedograss |
| Field Peppergrass | Velvet leaf 2 to 3 | Oxalis | Wild Oats |
| Filaree | Veronica 2 to 3 | Ox-eye Daisy | Witchgrass |
| Florida Pusley | Virginia Creeper 2 to 3 | Pearlwort | Yellow Foxtail |
| Hemp Dogbane 2 to 3 | Whitlow Grass | Pennywort | |
| Henbit 2 to 3 | Bull Thistle 2 to 3 | Poison Ivy | Sedges |
| Horseweed 2 to 3 | Evening Primrose 2 to 3 | Red Clover 2 to 3 | 3 to 4 applications over a 30 to 45 day period |
| Knawel | Wild Carrot 2 to 3 | Sheep Sorrel | |
| Knotweed | Yellow Rocket 2 to 3 | Stitchwort | |
| Lambsquarters | Perennial Broadleaf | Thyme-leaf Speedwell | Yellow Nutsedge |
| Lawn Burweed | Alsike | Venus Looking Glass | Purple Nutsedge |
| Low Hop Clover | Beggarweed | Wild Violet 2 to 3 | Globe Sedge |
| Milk Thistle 2 to 3 | Bellflower | White Clover | Texas Sedge |
| Mouse-ear Cress | Betony | Yarrow | Annual Sedge |
| Nodding Spurge | Bindweed | Yellow Cress | Cylindric Sedge |
| Peppergrass | Broadleaf Plantain 2 to 3 | Yellow Hawkweed | Green Kyllinga |
| Pigweed 2 to 3 | Buckhorn Plantain 2 to 3 | Perennial – Quackgrass | Annual Kyllinga |
| Pineapple Weed | Bulbous Buttercup | 1 treatment every 4 | Rush (not a sedge) |
| Prickly Lettuce 2 to 3 | Canada Thistle | weeks for 24 weeks will | |
| Prickly Pear 2 to 3 | Centella | reduce Concentration | |
| Prickly Sida | Chicory | by 50 to 75% | |
| | Cinquefoil | | |
| | Coast Dandelion 2 to 3 | | |
| | Common Speedwell | | |

“How it Works”

14-0-5 / 8-0-5 The Green Guardian

-Describing how the product works

In application we evenly spray the product over the lawn fertilizing the turf and also killing the weeds. There are 2 reasons our product does not kill the grass but kills the weeds. 1. Grass blades stand straight up and weeds lay flat. When applying the product, it lands on the weeds and enters into the stomata (the small openings on the stems and leaves of the weeds) and causes the reaction in the plant. 2. Grass has a natural defense agent against our product. If you look at grass it has a glossy coating around the stalk, which is the defense. Now there are also weeds, like clover, that have that has a hair-like covering that is difficult to penetrate. We attack the hairs to get into the leaf of the plant and cause the reaction against the plant.

The ingredients in the both products, I will split into 2 parts, the fertilizer and the weed killer. The fertilizer is the nitrogen, potash or potassium, corn solubles, urea (which we derive from the atmosphere), and the molasses which we get from cane and/or beets. The weed killer contains citric acid, the lauryl sulfate (found in some shampoos), phenethyl propionate (an EPA exempted acid).

The 14-0-5's, acids will enter the stomata of the plant and shrink the water mass inside the plant. That in turn causes the cells in the plant to rip apart or tear from the inside. A good way to describe to customers is to ask “Have you ever put acid into a glass of water?” “It shrinks!” The water mass lessens, so when our product enters the plants it causes dehydration which will cause over transpiration in the plant and that is when the cells tear apart.

-The goals of our product

Using organics is completely different then using chemicals so trying to compare the 2 is like comparing a boat to a plane. They are both forms of transportation but the process is completely different. With all organics our goal is to build a healthy lawn. In most cases people who have used chemicals for years have depleted the soil and grass of the proper nutrients it needs in order to grow properly.

Our product promotes leaf and root system growth, thus crowding out the weeds in addition to the depletion of the weeds. Our product allows the soil to maintain a healthy balance and eventually with application of our product, seeding, and a little TLC we can have your lawn looking thick and dark green again.

Our product gives the lawn this darker greener appearance with a thicker density so it's softer to lay and walk on. With grass blades being thicker the soil will be shaded and able to maintain improved moisture content.

Also thicker turf slows or stops soil erosion. This also allows nutrients to stay in the soil and not be flushed out so easily.

Product Pricing

Weed & Feed Products

Green Guardian 14-0-5 Green Guardian 8-0-5

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|-----------------|-----------------------|--------------------|---------------------|--------------------|
| 5 gallon pails | (1) – \$95.00 | (2-5) \$90.00 | (6-35) \$85.00 | (36) \$70.00 |
| 55 gallon drums | (<4) – \$12.00/gallon | (8) \$11.00/gallon | (16) \$10.00/gallon | (32) \$9.00/gallon |
| | (64) \$8.00/gallon | (76) \$7.00/gallon | | |

Non-Selective Weed Controls

Everything Must Go!

| | | | | |
|----------------|----------------|---------------------|----------------------|--------------------|
| 5 gallon pails | (1) – \$350.00 | (2-5) \$325.00/each | (6-35) \$300.00/each | (36) \$275.00/each |
|----------------|----------------|---------------------|----------------------|--------------------|

Repellents

Blistering Defense & Goose Repel

| | | | | |
|----------------|----------------|---------------------|----------------------|--------------------|
| 5 gallon pails | (1) – \$550.00 | (2-5) \$525.00/each | (6-35) \$500.00/each | (36) \$475.00/each |
|----------------|----------------|---------------------|----------------------|--------------------|

Skeeter Beater

| | | | | |
|----------------|----------------|---------------------|----------------------|--------------------|
| 5 gallon pails | (1) – \$350.00 | (2-5) \$325.00/each | (6-35) \$300.00/each | (36) \$275.00/each |
|----------------|----------------|---------------------|----------------------|--------------------|

Fertilizers (Liquid)

Liquid Compost 1-1-3

| | | | | |
|-----------------------|--|--------------------|--------------------|--------------------|
| 5 gallon pails | (1) – \$95.00 | (2-5) \$90.00 | (6-35) \$85.00 | (36) \$70.00 |
| 55 gallon drums | (<4) – \$9.00/gallon | (8) \$8.50/gallon | (16) \$8.00/gallon | (32) \$7.50/gallon |
| | (64) \$7.00/gallon | (76) \$6.50/gallon | | |
| 275 gallon bulk totes | \$200.00 tote deposit in addition to gallonage | | | |

Prices do not include freight. Due to volatility in raw materials product pricing can change without notice. Call for multiple item purchase discounts.



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