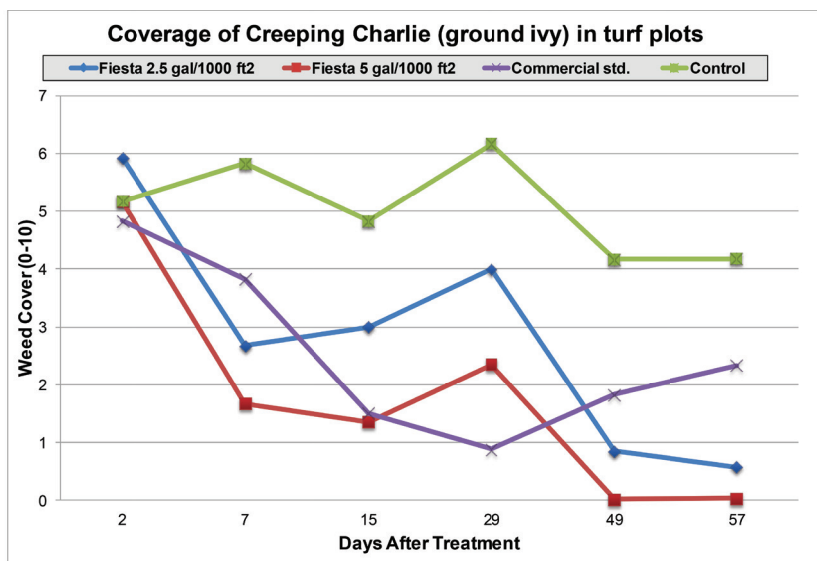
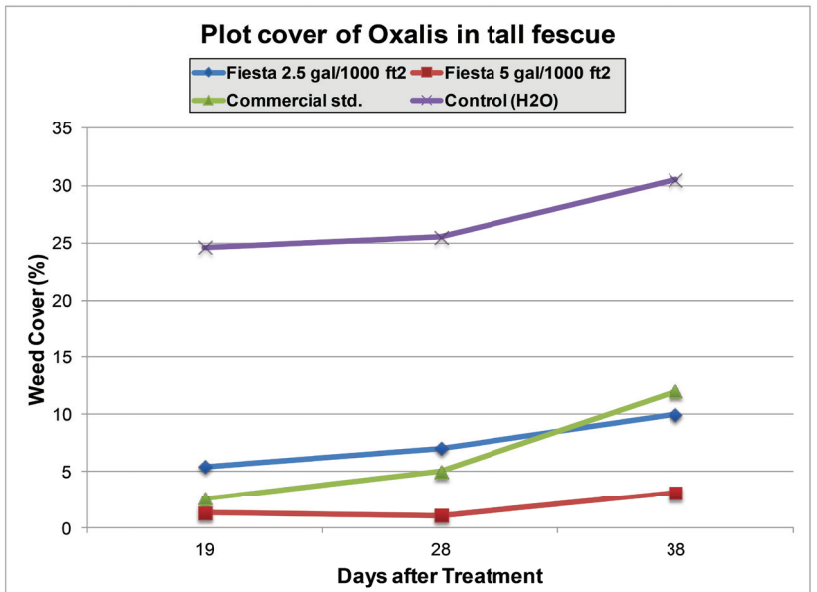


Gardner, 2011, Ohio State University (Columbus, OH). All Fiesta® treatments proved extremely effective at controlling dandelions.



Carey and Charbonneau, 2011, Guelph Turfgrass Institute (Guelph, Ontario). Fiesta® controlled creeping Charlie better than the commercial standard, Par III (mecoprop, 2,4- D, and dicamba).



Davenport, 2011, PAT2H Consulting (Rydal, GA). Fiesta® controlled Oxalis without damaging turf. The commercial standard, Celsius (dicamba, iodosulfuron methyl- sodium and thiencazone methyl), severely damaged the turf by 5 weeks after treatment.

FIESTA®

TURF WEED KILLER

Technical Bulletin



ENGAGE AGRO USA
118 East Carleton Street • Suite A
Prescott, AZ 86303 • Phone: 928-445-7990
www.engageagrousa.com

FIESTA®

TURF WEED KILLER

Active Ingredient:

Iron HEDTA 26.52%, 4.43% actual iron

Fiesta® Turf Weed Killer is a selective, broadleaf weed killer that leaves turf healthy and weed-free using a specially formulated iron chelate solution that even controls moss and algae. Fiesta® works quickly, delivering visible same-day results, even in cool weather, and has no unpleasant odor during or after application. People and pets can re-enter the treated area once the spray is dry.

Suitable for broadcast application or spot treatment, Fiesta® is a versatile, patented product that will help lawns, golf courses, athletic fields, and municipal areas such as schools, parks, playgrounds, and cemeteries look their best. Approved by the EPA's Biopesticide Division, Fiesta® is ideal for use in areas where traffic by children, pets, and wildlife is likely and may be approved for use in areas that have regulated pesticide bans.

Mode of Action:

The iron in is bound to a chelating agent, hydroxyethylenediaminetriacetic acid (HEDTA), which keeps the iron soluble and readily available for plant uptake. Broadleaf weeds absorb chelated iron easily and in larger quantities than grass, which leads to cellular damage and ultimate plant death in broadleaf weeds while the grass remains unharmed.

Use Sites:

Lawns and turf (do not apply to bentgrass)

Available Sizes:

1 & 2.5 gal. jugs, 30 gal. drums, 200 gal. totes

Kills/Controls:

Weeds: Algae, black medic, broadleaf plantain, bull thistle, Canada thistle, common chickweed, creeping buttercup, creeping charlie/ground ivy, dandelion, dovefoot geranium, English daisy, false dandelion, healall, lichens, liverworts, moss, narrowW leaved plantain, oxalis, Persian speedwell, prostrate knotweed, shepherd'sW purse, silverweed cinquefoil, slender speedwell, white clover, wild chamomile.

Diseases: Rust, dollar spot, snow mold.

Directions for Use:

Shake well before using. Mix one part Fiesta® with 24 parts water (5 oz. in 1 gallon of water).

Broadcast Treatment: Apply the mixed solution at a rate of 2.5-10 gallons/1000 ft². Uniform coverage is important.

Spot Treatment: Thoroughly spray weeds to point of runoff using any standard hand-held or backpack sprayer. Use a coarse nozzle setting to reduce drift. Repeat treatment in 3 to 4 weeks for best results.

Toxicology:

Toxicity categories are assigned by the EPA based on hazard(s) identified from studies and/or information on file with the Agency. Active ingredients are classified into Toxicity Category I, II, III or IV where Toxicity Category I indicates the highest toxicity and Toxicity Category IV indicates the lowest toxicity. The EPA has determined Iron HEDTA (Fiesta) to be in Toxicity Category IV.

| Substance | Oral ₅₀ Rat (mg/kg body weight) |
|--------------|---|
| FeHEDTA | >5000 |
| Vinegar | 3310 |
| Table Salt | 3000 |
| Borax | 2400 |
| Aspirin | 1750 |
| Lime Sulphur | 820 |
| Caffeine | 192 |



Ohio State University (David Gardner) test plot. Photo on the left is before treatment and photo on the right is one day after a Fiesta® treatment.

September 2011. Photo: David Gardner



Liriope with Cuban Purple Woodsorrel was treated (flagged area) with Fiesta 5 oz per gallon (w/ NIS) ... Photo taken 2 days after treatment.



After Fiesta Treatment



Moss treated (red circle) with Fiesta, 5 oz/123 oz water, sprayed to saturation on 3/32 at 4pm. Photo taken 42 hours later at 10 am 3/25.