

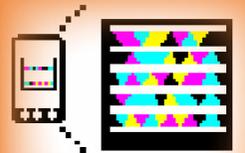


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Hi-Yield

"the ferti-lome people"



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# Know Your Enemy

Use Brands You Can Trust

Identifying weeds is essential in determining appropriate application techniques, rates & timing.



### Two Selective Weed Controls

1. **Pre-Emergent Weed Control Products** - designed to control weeds before they germinate.
2. **Post-Emergent Weed Control Products** - designed to control weeds after germination; after weed is growing.

### Difference between Selective & Non-Selective

**Selective Products** - designed to kill one type of plant but not harm others.

VS

**Non-Selective Products** - designed to kill any plant it touches, intentionally or by mistake.



### 3. Problematic Weeds

#### Dandelions

Apply a **broadleaf post-emergent herbicides** to existing dandelions in the lawn. To prevent future dandelion weeds from occurring, apply a **broadleaf pre-emergent** to keep any wayward seeds from sprouting.

#### Crabgrass

Crabgrass is a warm-season annual weed that reproduces by seed. Putting pre-emergent herbicides down, in the spring prior to germination, is an effective way to control it.

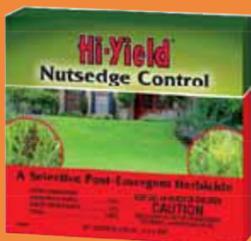
**Pre-emergent herbicides** establish a barrier just below the surface of the soil which kills the crabgrass seedlings just as they begin to grow. Timing of this application is crucial. **Pre-emergence** herbicides must be applied before the soil temperature in the spring maintains a temp. of 55 to 60 degrees for a period of 3 or more days.

When a lawn thins out from disease, insects, drought, low mowing, or poor drainage crabgrass is one of the first weeds to invade. For this reason the best way to control crabgrass is to have a thick healthy lawn.

#### Nutsedge

Nutsedge is a common perennial weed in landscapes and lawns. The two most common species are Yellow & Purple Nutsedge. They are often referred to as Nutgrass due to the tubers (nuts or nutlets) they produce, but are actually sedges.

Late spring/early summer is the ideal time to control Nutsedge as that is when it most susceptible to a **selective post emergent herbicide**. The best herbicide to control Nutsedge is used in minimal amounts in pre-measured, water soluble bags. Be sure to add a non-ionic surfactant, such as Hi-Yield® Spreader Sticker to the spray solution as directed on the label.



### Helpful Hints:

- One day before making the herbicide application, irrigate turf area to moisten the soil.
- Treat the area with the proper rate of herbicide based on label recommendations.
- Do not apply the herbicide if the air temperature is above 85°F.
- Two days after herbicide application, irrigate the treated area with enough water to moisten the soil.