

# Two applications for season long weed control

by the Green Solutions Team

## Extending Granular Herbicide Efficacy with Split Applications

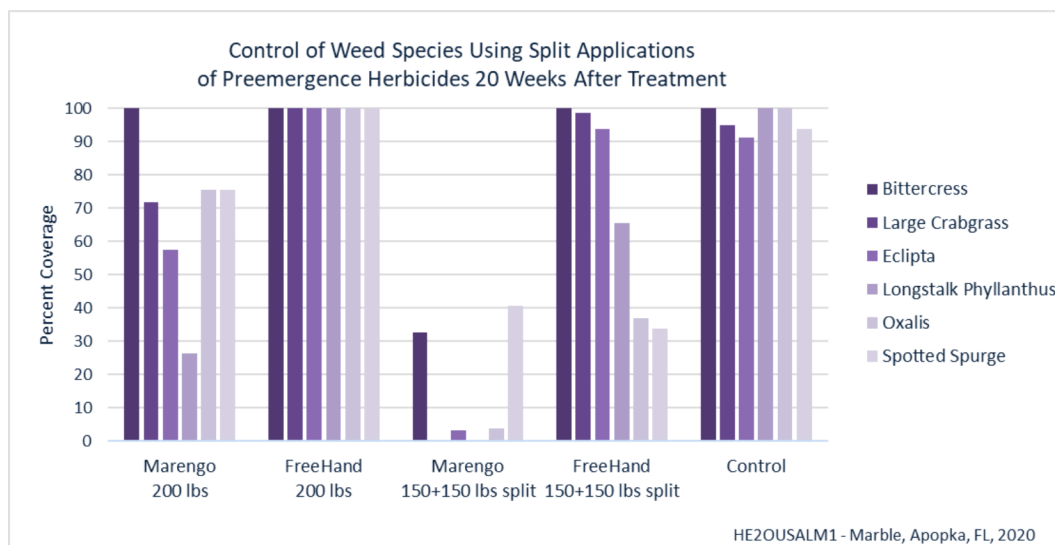
Under nursery conditions, granular herbicides can break down quickly, creating the need for several applications in a season. Growers can extend the efficacy of granular preemergence herbicides, like Marengo® G, by using split applications, where instead of one treatment at the maximum label rate, a grower makes two applications at a reduced rate approximately six weeks apart.

### This treatment approach offers three key advantages:

- Lower rate of active ingredient applied at each treatment, reducing risk of crop injury
- Higher total amount of active ingredient applied, improving control
- Less time the entire load of active ingredient is exposed to breakdown by soil microbes, extending the residual

### Split Applications Provide Better and Longer Control of Economically Important Weed Species

- Trials were conducted under nursery conditions in central Florida to compare a single application of Marengo® G and FreeHand® 1.75G herbicides at the maximum label rate of 200 lbs per acre to two consecutive applications of 150 lbs per acre, spaced six weeks apart
- Treatments were overseeded with different weed species and evaluated for 20 weeks
- At 20 weeks after treatment, the split applications of either herbicide provided significantly better control compared to a single application at a higher rate
- Split applications of Marengo® G provided 6-8 weeks or more of additional control compared to a single application



### Contact your Envu Area Sales Manager if you need assistance.

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