



EPA Reg. No. 524-534

Control of *Poa annua* (Annual Bluegrass) When Applied Prior to Overseeding Bermudagrass on Golf Course Fairways, Roughs and Tees

Golf course bermudagrass turf is often overseeded with perennial ryegrass to provide uniform, green turf for play during the cool season and before transition in the spring. *Poa annua* (annual bluegrass) often invades overseeded turf degrading turf quality and playability. Certainty® turf herbicide can be applied in the late summer and early fall prior to overseeding bermudagrass to control *Poa annua* without injury to the newly planted perennial ryegrass.

In most golf course turf overseeding scenarios, annual bluegrass will germinate prior to overseeding. These small seedlings are not easily seen and do not grow to become obvious in the fall months after overseeding. Left uncontrolled, these emerged annual bluegrass seedlings will quickly infest newly overseeded areas, grow and tiller in the fall months and become obvious when seedheads emerge the following spring.

How to Use Certainty® for control of *Poa annua* (Annual Bluegrass) in Overseeded Bermudagrass

- Apply Certainty at 2.0 ounces per acre 7-10 days prior to over seeding Bermudagrass. Add nonionic surfactant at 0.25 percent by volume (1 quart per 100 gallons of spray solution). Apply in 20 to 40 gallons of water per acre as a broadcast application.
- Use flat fan or equivalent nozzles made for applying post emergence herbicides. Avoid using flooding or hollow-cone nozzles meant for fungicide application.

Considerations for *Poa annua* (Annual Bluegrass) Control with Certainty

- This recommendation is for control of *Poa annua* in bermudagrass turf on golf course fairways, roughs and tees. Do not apply Certainty directly to or within 4 feet of putting greens.
- Certainty works best when used prior to overseeding bermudagrass that is overseeded as late as practical for the location. This allows the most *Poa annua* to germinate and be controlled by the herbicide. All *Poa annua* plants already emerged will be controlled and those germinating 7 to 10 days after the application will be controlled from residual effect. The overseeded bermudagrass will compete further with *Poa annua* limiting additional infestation.
- Carefully plan the herbicide application so that overseeding can be accomplished between 7 and 10 days later. Overseeding prior to waiting 7 days will increase the likelihood of reduced germination or stand thinning.
- Starting one day after the Certainty application, continue to irrigate treated area so that the upper inch of soil does not become dry. This will provide a better environment for *Poa Annua* control.
- If an open bermudagrass canopy is desired for overseeding, do so before Certainty is applied. Do not mow bermudagrass for 2 days after application to allow *Poa annua* to be undisturbed.

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