



## REMOVE BERMUDAGRASS FROM ZOYSIAGRASS WITH UNPARALLELED TURF SAFETY

Even bermudagrass is no match for the powerful performance and turf safety of Recognition® herbicide. Containing the proprietary **safener metcamifen**, Recognition makes it possible to control bermudagrass with **excellent safety to zoysiagrass**. Applications will also control other weeds, including:

- Sedges
- Many broadleaves
- Kyllingas
- *Poa annua*

When Recognition is tank mixed with Fusilade® II herbicide at rates up to 24 fl. oz./A, it **controls bermudagrass without injuring zoysiagrass**. *Metcamifen* triggers certain grass species to tolerate certain herbicides, like Fusilade II, without impacting its activity on weed species like bermudagrass. The 24 fl. oz./A rate of Fusilade II also provides excellent control of **goosegrass** and **dallisgrass**.



My experience with tank mixing Recognition with Fusilade is that it looks like it just totally safens it... and it's not just a marginal safening.

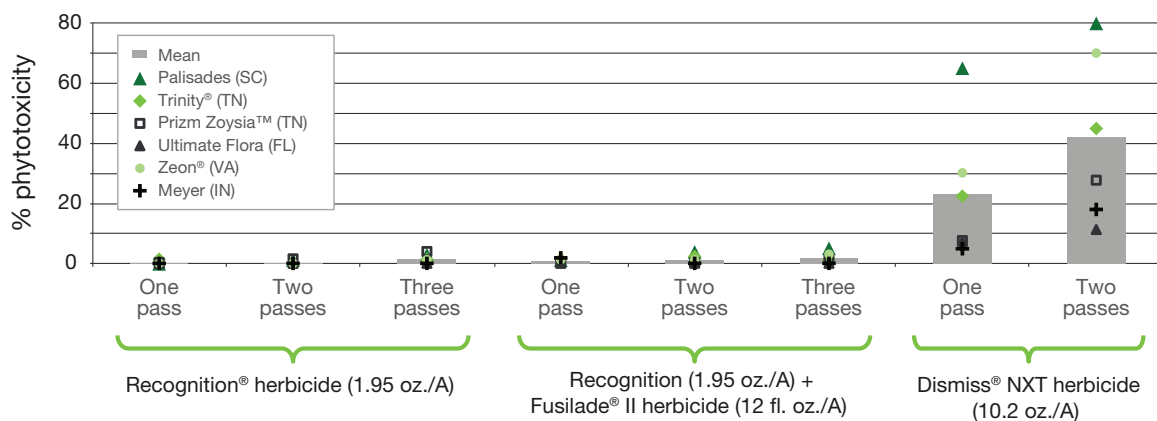
— Fred Yelverton, Ph.D., Extension Specialist, Turfgrass/ Forage Crop Weed Management, NC State University



[Recognition + Fusilade II] is an **incredible combination**. For anybody that already has zoysia[grass] and is trying to get bermuda[grass] out of it, **it's an absolute magic bullet**. I have been in the business for over 30 years, **and I don't ever say that**. It's an amazing product, and it's also a fascinating product.

— Brian Powell, Head Golf Course Superintendent, Old Chatham Golf Club, Durham, North Carolina

### Consistent zoysiagrass safety, even with overlap

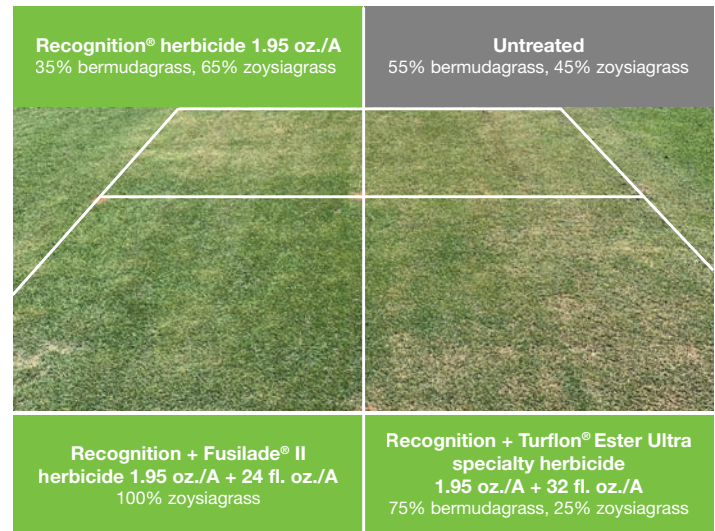


Source: Jim Brosnan (University of Tennessee), Aaron Patton (Purdue University), Shawn Askew (Virginia Tech), David Pearsaul (Vero Beach, Florida) and Luke Dant (South Carolina), 2021. Treatments of Recognition at 1.95 oz./A, Recognition + Fusilade II at 1.95 oz./A and 12 fl. oz./A and Dismiss® NXT herbicide at 10.2 oz./A were applied in South Carolina on July 1 and July 29, 2021, in Tennessee on July 28 and Aug. 23, 2021, in Florida on May 17 and June 16, 2021, in Virginia on July 21 and Aug. 18, 2021 and in Indiana on July 28 and Aug. 23, 2021.

## To control bermudagrass out of established zoysiagrass:

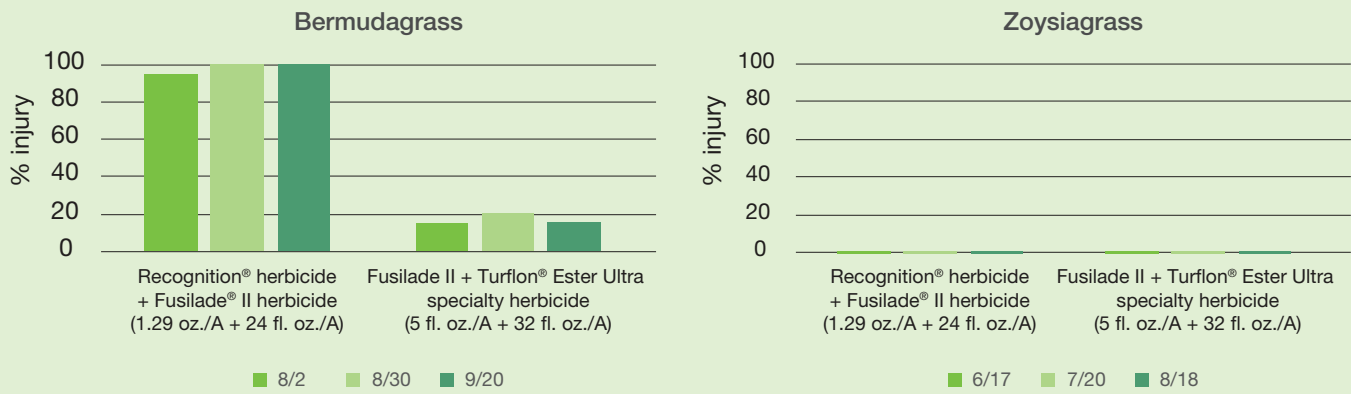
- Apply Recognition at 1.29-1.95 oz./A with Fusilade II at 24 fl. oz./A. Fusilade II is foliarly absorbed so it's best to apply once the bermudagrass begins to regrow
- Include a non-ionic surfactant at 0.25% v/v or 0.32 fl. oz./gal. of spray solution
- Use spray volumes from 20-80 gal. of water/A
- Use flat-fan nozzles that produce medium-to-coarse droplets to ensure uniform foliar coverage
- Provide adequate fertility and irrigation to encourage zoysiagrass growth and spread
  - Avoid overfertilization, only use 2-3 lb. N/1,000 ft.<sup>2</sup> per year
- Additional applications may be needed to maintain bermudagrass control until the zoysiagrass can spread into the voids left behind
  - Application intervals vary by time of year and growing conditions, but with 24 fl. oz./A of Fusilade II, a five- to six-week application interval is typical

## Oversprigging for zoysiagrass conversion



Source: Syngenta, Old Chatham Golf Club, Durham, North Carolina. Treatments of Recognition + Fusilade II at 1.95 oz./A and 24 fl. oz./A were applied on June 9 and July 12, 2021. Zorro zoysiagrass was sprigged directly into live bermudagrass on June 2, 2021. Photos were taken on Aug. 9, 2021, 68 days after sprigging and 28 days after the second application. NOTE: Bermudagrass is scalped from recent mowing height reduction.

## Bermudagrass control in Royal zoysiagrass fairways



Source: Bert McCarty, Clemson University, Clemson, South Carolina. Treatments of Recognition + Fusilade II at 1.29 oz./A + 24 fl. oz./A and Fusilade II + Turflon® Ester Ultra specialty herbicide were applied June 21, July 19 and Aug. 19, 2022. All treatments mixed with non-ionic surfactant at 0.25% v/v.

Exercise caution when applying Recognition around desirable cool-season grasses. Recognition can move with runoff water, equipment and foot traffic.



For more information and trial data, scan the QR code or visit [GreenCastOnline.com/Recognition](https://GreenCastOnline.com/Recognition)



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Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations. Trials reflect treatment rates commonly recommended in the marketplace.

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