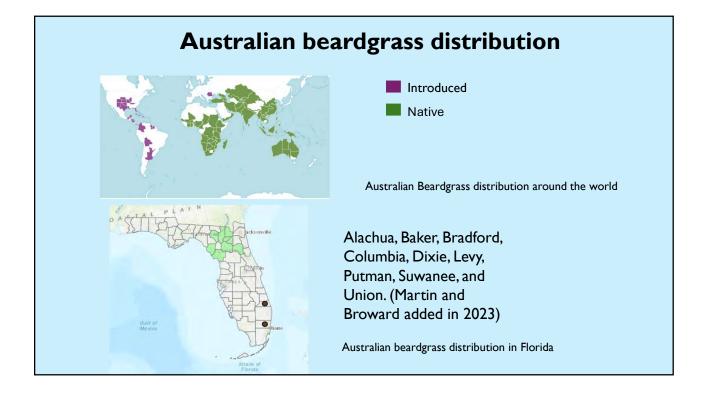






## **Invasive species**

- •Invasive species introduced intentionally or
  - unintentionally
- Competitive with native species
- Ecosystem incompatibility
- Economic losses

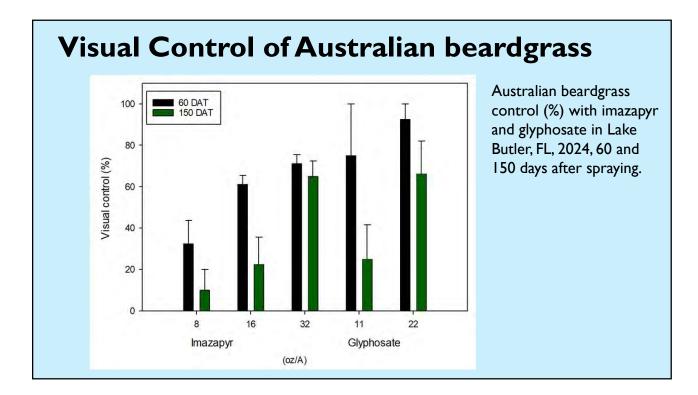


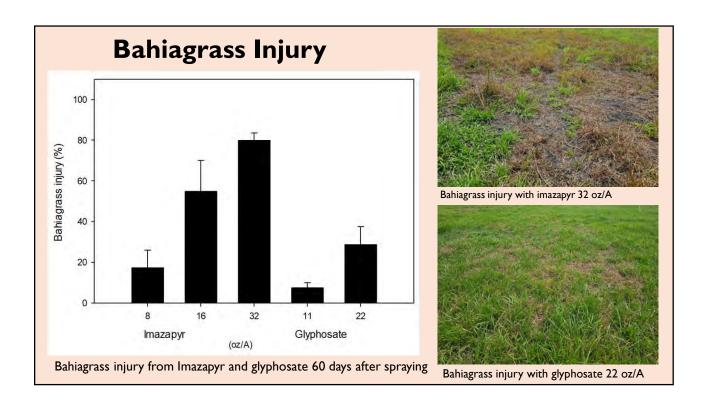


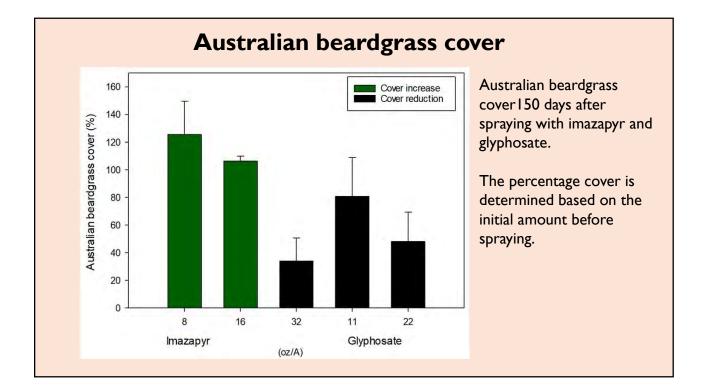


Seed head

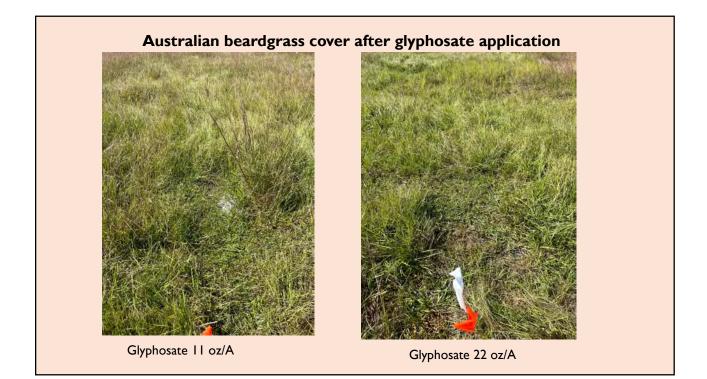
| Research in Kansas |             |   |   |
|--------------------|-------------|---|---|
| Herbicide          | Rate (oz/A) | Australian<br>beardgrass<br>control (%) | Injury to<br>warm-season<br>species (%) |
| Glyphosate         | 32          | 42                                      | 100                                     |
|                    | 48          | 75                                      | 100                                     |
|                    | 64          | 66                                      | 100                                     |
| lmazapyr           | 16          | 99                                      | 21                                      |
|                    | 20          | 100                                     | 78                                      |











## **Conclusion and Recommendation**

- Imazapyr managed to control and reduce Australian beardgrass cover at 150 DAT.
- Both Glyphosate rates controlled Australian beardgrass.
- Multiple trials and sequential applications
- Species identification
- Scouting
- Early control

