

Double Team™ Stewardship Requirements

Being a successful Double Team sorghum grower requires proper stewardship of the technology. Doing your part to ensure the viability of Double Team now and in the future is not only a requirement of the user agreement but in the best interest of the sorghum community.

WHY IS FOLLOWING THE DOUBLE TEAM STEWARDSHIP REQUIREMENTS SO IMPORTANT?

As with all herbicide-tolerance technologies, Double Team can only remain effective if managed appropriately. Cultivated sorghum and Weedy Sorghum Species (such as johnsongrass and shatter cane) are genetically similar making it possible for trait technology to be transferred to weedy sorghum if left uncontrolled. Ultimately, cross-pollination with these grass weeds could render the Double Team technology useless on your farm, limiting your sorghum options. To maintain the efficacy of the Double Team technology, 100% control of Weedy Sorghum Species, before they flower, is the goal.

WHAT ARE THE BEST PRACTICES FOR ENSURING PROPER DOUBLE TEAM STEWARDSHIP?

Pre-season

- **Start weed-free.** Apply a preemergence herbicide such as Parallel or Parallel Plus to remove any Weedy Sorghum Species escapes before heading. This may require sequential applications of herbicides with alternative modes of action. Do not apply any herbicide with the same mode of action more than twice in a single season.
- It is important to control escapes in the field and on the field edges where grass weeds have the potential to go unchecked and cross pollinate with Double Team sorghum. Field edges commonly have johnsongrass and shattercane; control is critical to avoid cross pollination with the crop and the resulting resistant seed production.
- **Clean your planting equipment.** Prevent the spread of weed seed and non-Double Team sorghum seed between fields by cleaning planting equipment.



In-season

- **Control broadleaf weeds.** If needed, apply herbicides or use other methods to control broadleaf weeds when Double Team sorghum is at the 2 to 4 leaf stage. Do not spray FirstAct within 7 days of a broadleaf application. Do not tank mix FirstAct herbicide with postemergence herbicide.
- **Spray FirstAct herbicide.** At least one application per season of FirstAct herbicide, at a labeled rate, must be made. The presence of grass weeds, even if not visibly evident, is assumed and preventing cross pollination by applying FirstAct is required. FirstAct applications should be made when weeds are actively growing, and Double Team sorghum is a minimum of 11" in height or at the 8-leaf stage. Spraying FirstAct on non-Double Team sorghum, or before the 8-leaf stage will kill the plant.

Post-season

- **Use sound rotation practices.** Mitigate the development of herbicide-resistant weeds by rotating crops, tilling the soil, and applying herbicides with different modes of action. Do not use the Double Team Sorghum Cropping Solution in consecutive years on the same acre.
- **Report suspected non-performance.** Help maintain the viability of the Double Team technology by communicating issues promptly to ADAMA representatives.

