

FIESTA[®]

TURF WEED KILLER

BEST MANAGEMENT PRACTICES

QUESTIONS AND ANSWERS

Tim Tripp Product Manager
tim.tripp@neudorff.ca
Lauren Strachan-Hall
Product Development Manager
(250) 652-5888 x203





THE APPLICATION WAND

- Avoid the Lesco Chem Lawn wand. It will apply more product than is economical.
- Currently many in the industry are using a lawnjet gun with 14X full/solid cone nozzles. These will treat an 20 inch swath from a height of 20 inches. They work well for spot treatments.
- For blanket applications many in the industry use (25% weed cover) use flood jet nozzles TK20 & TK30 at 40 PSI. Some continue to use the Lesco Chem Lawn wand.

THE NOZZLES

- Adjustable brass nozzles work well but corrode very quickly. Some lawn care companies are using ceramic nozzles and these do not corrode as quickly. However these nozzles are not adjustable.
- Some companies are using TK20 and TK30 floodjet nozzles at 40psi to blanket Fiesta when it is required.


For blanket treatment or 25% weed cover,
flood jet nozzles TK20 & TK30
40 PSI



Adjustable x14 solid cone nozzle, treats 20"
swath at a height of 20"




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- How long must I wait before overseeding my lawn after applying Fiesta?
 - Wait one day before overseeding a Fiesta treated lawn.
 - Can I apply Fiesta to newly seeded turfgrass?
 - You can apply Fiesta to newly seeded turfgrass 4 weeks after emergence.
 - When is the best time to apply Fiesta?
 - Fiesta is best applied when the weeds are young and actively growing. Given that weeds emerge at different times, you should wait until all the target weeds have emerged. Or plan to make two Fiesta visits: first to control early growth of dandelion, and then again to control clover and/or plantain. A minimum of two applications will give the best results.
 - How can I get the best results with Fiesta?
 - Apply Fiesta when the weeds are young and actively growing. Make a second application 3 to 4 weeks after the first.
 - Can I apply Fiesta if the forecast temperature will exceed 30°C?
 - No. Temperatures above 30°C can result in injury to the turfgrass. Recent research suggests that higher humidity results in increased weed control and therefore there is potential for increased phytotoxicity to the turf. In addition, if the turf is suffering from drought the injury will be more pronounced.



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- Can I apply Fiesta with nematodes?
 - This not practical for a number of reasons. First, these two products require different application wands. Second ,nematodes are living creatures and therefore caution must be exercised when mixing with other products. Please consult the manufacturers label before mixing nematodes with any other product.
 - Can I apply Fiesta with my fertilizer?
 - There is very little research to support the mixing of Fiesta with fertilizer.
 - Will Fiesta breakdown quickly?
 - Yes, Fiesta breaks down in the environment and will not persist in soils. Therefore Fiesta cannot be used to prevent weeds but only to control established weeds.
 - Will Fiesta move in the soil?
 - Generally no, but if the soil is sandy and has low organic matter, Fiesta will be highly mobile.
 - Is Fiesta a threat to water?
 - No, Fiesta is rapidly degraded by sunlight and the use of Fiesta is usually not in the vicinity of water.




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- Is Fiesta volatile?
 - No, Fiesta is not volatile and is not expected to enter the atmosphere.
- What is the shelf life of Fiesta?
 - At least 5 years as Fiesta is very stable.
- How Fiesta work?
 - Iron is a metallic chemical element (symbol "Fe") that acts as a selective herbicide when chelated with hydroxyethylene-diaminetriacetic acid (HEDTA) to form FeHEDTA. Broadleaved plants are more susceptible to FeHEDTA than are grass species. The reason for this selectivity is not well understood but is believed to relate in part to differences in iron uptake. As Fe can function as a catalyst for oxygen reduction, thereby producing unstable and highly reactive oxygen species, including hydroxyl radicals that cause cellular damage, the excessive uptake of FeHEDTA by many broadleaved species leads to tissue necrosis and ultimately plant death.
- Is Fiesta closely related to 2,4-D?
 - No. They are totally different molecules with different modes of action. 2,4-D has a phenol ring and HEDTA does not. Iron is the active ingredient in Fiesta, the chelating agent HEDTA is simply the carrier. 2,4-D causes twisting of the broadleaf weed. Iron turns the weed black and it then collapses.

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- Will Fiesta absorb into my skin and make me sick?
 - No, Fiesta is not easily absorbed. Your skin can become sensitive to repeated exposures of Fiesta so you should protect your skin from the spray solution. There are rare cases of iron sensitivity and these people should avoid Fiesta until it has dried.
- Can I apply Fiesta to pasture?
 - No. We do not have the required toxicology studies to support this use of Fiesta.
- Can I apply Fiesta to *Poa supina* grass?
 - Fiesta has not been tested on *Poa supina*. We do not recommend the use of Fiesta on this turfgrass.
- Can I mow my lawn after a Fiesta application?
 - It is best to wait 24 hours before mowing your lawn to allow the Fiesta to complete its work.
- How long after mowing do I have to wait before applying Fiesta?
 - You should wait 1 week or if the grass is growing quickly 3-4 days after mowing before applying Fiesta.
- What can I do to improve control of clover?
 - Some Lawn Care Applicators scuff the clover prior to applying Fiesta. They claim this improves control.

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- **Do not** apply to drought stressed grass; ensure lawn is well watered prior to application. Do not apply when the daytime temperature will exceed 85°F (30°C).
 - **Do not** apply to bentgrass. If unsure of grass sensitivity, test spray a small area of your lawn.
 - **Do not** apply to newly seeded areas prior to grass seed germination.
 - **Avoid** spraying desirable plants. Any desirable plants or structures accidentally contacted should be rinsed with water.
 - **To avoid** staining, wait until treated area dries before re-entry.
 - **Do not** apply if rainfall is expected within 3 hours of application.
 - **Do not** irrigate within 3 hours of application.
 - **Do not** apply to the same area more than 4 times a year.