Solitare helped prevent the wild violet from reestablishing, and that same area the following season, respectively. As you can see, the optimized mode of action of Solitare herbicide (at 1.3 lbs/acre) combats postemergence weeds from the foliage down and the root up: Solitare is a dispersible granule formulation that mixes easily in water for maximum convenience.

Once applied, Solitare provides fast, visible control of target weeds, with symptoms appearing just a few days after treatment. Other products can take weeks for symptoms to appear, or require a tank mix with multiple products to achieve the same level of visible control. Only Solitare does it all without the additional cost, effort, cleanup and disposal of multiple containers associated with tank mixing.

Through foliar contact and root absorption, Solitare works quickly for impressive, visible results in just 3–5 days and lasting residual. And that’s just scratching the surface. Solitare also works underground to disrupt the germination of vegetative reproductive structures, reducing the reproductive capability for the remainder of this season and into the following season. Finally, Solitare is absorbed by the roots and translocated through the plant's vascular system. Once absorbed, Solitare mimics an overdose of a plant growth hormone, auxin, which leads to growth inhibition and death of target weeds.

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Revolutionary Solitare delivers powerful control of weed populations, current and future, for lasting effects beyond fast-acting, visible control of postemergence crabgrass to reduce or eliminate multiple weed populations, minimizing the need for subsequent applications and saving you time and money. What’s most impressive is that Solitare delivers these benefits without having to be tank mixed with any other product, eliminating costs, cleanup and disposal. When faced with crabgrass, sedges and broadleaf weed problems, the only name you need to know is Solitare.

Controlling multiple weeds used to require a tank mix of multiple herbicides. With the breakthrough control of Solitare herbicide, you can finally achieve dramatic results against crabgrass, sedges and broadleaf weeds without the cost and hassle of tank mixing! The tank mixing associated with traditional treatments means you have to pay a lot more to achieve the same multiple-weed control that Solitare delivers on its own.

For fast, effective results against crabgrass, sedges and broadleaf weeds, apply Solitare from April to October. Solitare herbicide has demonstrated tolerance on the following cool- and warm-season turf grasses:

**Cool-Season Grasses**
- Tall Fescue®: Festuca arundinacea
- Perennial Ryegrass (Lolium perenne)
- Rough Bluegrass (Poa trivialis)
- Kentucky Bluegrass (Poa pratensis)

**Warm-Season Grasses**
- Bermudagrass (Cynodon dactylon) & Hybrids
- Seashore Paspalum (Paspalum vaginatum)
- Zoysiagrass (Zoysia japonica)
- Buffalograss (Buchloe dactyloides)
- Centipedegrass (Eremochloa ophiuroides)

The postemergence weed control of Solitare saves you time and money by achieving more powerful, broad spectrum activity than any other singular product can. Read on and discover how Solitare gives you an easier, more cost-effective way to combat your toughest postemergence weeds like crabgrass, sedges and a wide variety of other grassy and broadleaf weeds.

Singles

- Solitare

Multiple Weed Control in Multiple Turf Types

<table>
<thead>
<tr>
<th>Weed Type</th>
<th>Cool-Season Grasses</th>
<th>Warm-Season Grasses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crabgrass</td>
<td>Solitare 1 lb</td>
<td>Solitare 1.33 oz</td>
</tr>
<tr>
<td>Sedges</td>
<td>Solitare 1 lb</td>
<td>Solitare 1.33 oz</td>
</tr>
<tr>
<td>Broadleaf</td>
<td>Solitare 1 lb</td>
<td>Solitare 1.33 oz</td>
</tr>
</tbody>
</table>

Only Solitare® herbicide controls crabgrass, sedges and broadleaf weeds in one application.

FMC Professional Solutions understands that you need to cut costs but can’t afford to cut quality. Solitare goes beyond fast-acting, visible control of postemergence crabgrass to reduce or eliminate multiple weed populations, minimizing the need for subsequent applications and saving you time and money. What’s most impressive is that Solitare delivers these benefits without having to be tank mixed with any other product, eliminating costs, cleanup and disposal. When faced with crabgrass, sedges and broadleaf weed problems, the only name you need to know is Solitare.

FMC Professional Solutions, you can finally take on multiple weed problems without the cost or hassle of tank mixing other herbicides. The only one-postemergence weed control of Solitare saves you time and money by achieving more powerful, broad spectrum activity than any other singular product can. Read on and discover how Solitare gives you an easier, more cost-effective way to combat your toughest postemergence weeds like crabgrass, sedges and a wide variety of other grassy and broadleaf weeds.

For more information, please visit www.fmcsolutions.com or contact your FMC Sales Representative or local FMC Distributor.
An Unbeatable Combination

Dual-action Solitate herbicide features a patent pending, optimized combination of sulfentrazone and quinclorac that combats postemergence weeds from the foliage down and the root up. Solitate is a dispersible granule formulation that mixes easily in water for maximum convenience.

Once applied, Solitate provides fast, visible control of target weeds, with symptoms appearing just a few days after treatment. Other products can take weeks for symptoms to appear, or require a tank mix with multiple products to achieve the same level of visible control. Only Solitate does it all without the additional cost, effort, cleanup and disposal of multiple containers associated with tank mixing.

Solitate works by foliar contact to stop photosynthesis and provide fast, noticeable results on weeds. Solitate is also absorbed by the roots and translocated through the plant’s vascular system. Once absorbed, Solitate induces an overdose of a plant growth hormone, auxin, which leads to growth inhibition and death of target weeds.

Through foliar contact and root absorption, Solitate works quickly for impressive, visible results in just 3-5 days and lasting residual! And that’s just scratching the surface.

Solitate also works underground to disrupt the germination of reproductive structures, reducing the reproductive capability for the remainder of this season and into the following season. Finally, Solitate works by foliar contact to stop photosynthesis and provide fast, visible results on weeds.

An overdose of a plant growth hormone, auxin, which leads to growth inhibition and death of target weeds.

See Results Sooner — and Later

Through foliar contact and root absorption, Solitate works quickly for impressive, visible results in just 3-5 days and lasting residual! And that’s just scratching the surface.

Solitate also works underground to disrupt the germination of reproductive structures, reducing the reproductive capability for the remainder of this season and into the following season. Finally, Solitate impacts viability of seeds within the soil, helping to decrease weed populations this season and next.

Revolutionary Solitate delivers powerful control of weed populations, current and future, for lasting effects that can potentially be seen from season to season.

The images above show a patch of wild violet just before treatment with Solitate herbicide (at 1.3 lbs/acre) and that same area the following season, respectively. As you can see, the optimized mode of action of Solitate helped prevent the wild violet from reestablishing.

Do More — Pay Less

Controlling multiple weeds used to require a tank mix of multiple herbicides. With the breakthrough control of Solitate herbicide, you can finally achieve dramatic results against crabgrass, sedges and broadleaf weeds without the cost and hassle of tank mixing!

The tank mixing associated with traditional treatments means you have to pay a lot more to achieve the same multiple-weed control that Solitate delivers on its own.

Multiple Weed Control in Multiple Turf Types

For fast, effective results against crabgrass, sedges and broadleaf weeds, apply Solitate from April to October. Solitate herbicide has demonstrated tolerance on the following cool- and warm-season turf grasses:

- Kentucky Bluegrass (Poa pratensis)
- Rough Bluegrass (Poa trivialis)
- Perennial Ryegrass (Lolium perenne)
- Tall Fescue® (Festuca arundinacea)
- Seashore Paspalum* (Paspalum vaginatum)
- Zoysiagrass (Zoysia japonica)
- Buffalograss (Buchloe dactyloides)
- Centipedegrass (Eremochloa ophiuroides)

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The only name you need to know is Solitate. The all-in-one postemergence weed control of Solitate saves you time and money by achieving more powerful, broad spectrum activity than any other singular product can. Read on and discover how Solitate gives you an easier, more cost-effective way to combat your toughest postemergence weeds like crabgrass, sedges and a wide variety of other grassy and broadleaf weeds.

Only Solitate® herbicide controls crabgrass, sedges and broadleaf weeds in one application.

Solving more than one weed problem used to require more than one product. With Solitate® herbicide from FMC Professional Solutions, you can finally take on multiple weed problems without the cost or hassle of tank mixing other herbicides.

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The Only Postemergence Product You Need

FMC Professional Solutions understands that you’re not just cutting costs but can’t afford to cut quality. Solitate goes beyond fast-acting, visible control of postemergence crabgrass to reduce or eliminate multiple weed populations, maximizing the weed control for subsequent applications and saving you time and money. What’s most impressive is that Solitate delivers these benefits without having to be tank mixed with any other product, eliminating costs, cleanup and disposal. When faced with crabgrass, sedges and broadleaf weed problems, the only name you need to remember is Solitate.

For more information, please visit www.fmcprosolutions.com or contact your FMC Sales Representative or local FMC Distributor.

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A Visible Difference

See for yourself — even in tough crabgrass pressure, Solitare delivers visible results.

Solitare Efficacy on Crabgrass

Below you’ll see how Solitare delivers faster visible results and longer lasting protection against crabgrass than a leading competitor.

The Solitare Sweet Spot: Where Crabgrass, Sedges and Broadleaf Weeds Meet

As a turf professional, you know how often you encounter multiple weed types present at the time of application. Before, you needed to tank mix multiple herbicides to treat areas where multiple weed problems were present. With Solitare herbicide, you can control or suppress all of these weeds using a single solution.

Imagine having a solution specifically designed to attack any combination of crabgrass, sedges and broadleaf weed problems you might face — without the need for any other herbicide. Discover how the advanced formula of Solitare makes it the clear choice for accounts where more than one type of weed is present.

The following chart illustrates how Solitare provides more consistent control against different stages of crabgrass growth than competitive products.

One Product — So Many Weeds

With its broad label, Solitare controls or suppresses over 60 weeds. Beyond postemergence crabgrass control, Solitare is effective on sedges and some of the toughest broadleaf weeds like white clover, ground ivy, wild violet, dollarweed, dandelion, speedwell, spurge, Star of Bethlehem and more. In a single treatment, you can effectively reduce overall weed populations, minimizing the need for subsequent applications and saving you time and money.

Solitare Efficacy on Sedges

In trials, Solitare outperforms the competition on sedges. Within just seven days, Solitare has almost completely wiped out sedge populations, while other products struggle to keep up. In addition to its impressive speed, Solitare also provided superior residual protection against sedges.

The Performance Is Clear

Solitare delivers impressive results against tough weeds like ground ivy, pictured below.

Solitare Efficacy on Broadleaf Species

As you can see, the versatile control of Solitare also provides long-lasting control of broadleaf weeds.

Pros Speak Out About Solitare

“Solitare was outstanding. I tried it on nutsedge, crabgrass, dallisgrass and buttonweed, and it annihilated everything with one application, with no movement or yellowing of the turf.”

— Mark Schlossberg, PRO-LAWN-PLUS, BALTIMORE, MARYLAND

“We’ve had it pretty wet in Pennsylvania the last three years and we have to treat a lot more than before. Ground ivy is a big problem around here and so are wild violets. Solitare is the first thing that has worked on them.”

— Calvin Lapp, eAGLe LAWn & TRee SeRvicE, LeOLA, PENNSYLVANIA

“With Solitare, it’s incredible because you could put an application down Friday afternoon and the customer is seeing it work no later than Monday. It saves us quite a bit on callbacks because our customers see the results and that’s important.”

— Dan Stump, CHICKASAW COunTRy CLuB, MEMPhIS, TennesSEe
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Untreated

Solitare, 1.0 lb/acre 13 days after treatment

The Sweet Spot

Pros Speak Out About Solitare

"Solitare was outstanding. I tried it on nutsedge, crabgrass, dallisgrass and buttonweed, and it annihilated everything with one application, with no movement or yellowing of the turf."

"We've had it pretty wet in Pennsylvania the last three years and we have to treat a lot more than before. Ground ivy is a big problem around here and so are wild violets. Solitare is the first thing that has worked on them."

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Dave Gardner, Ph.D. — The Ohio State University, 2008

The Performance Is Clear

Solitare delivers impressive results against tough weeds like ground ivy, pictured below.

Pat Maynard — Poteet, Texas

"We’ve had it pretty wet in Texas and we have to treat a lot more than before. It’s a big problem around here and so are wild violets. Solitare is the first thing that has worked on them."
A Visible Difference

See for yourself — even in tough crabgrass pressure, Solitare delivers visible results.

Solitare Efficacy on Crabgrass

Below you’ll see how Solitare delivers faster visible results and longer lasting protection against crabgrass than a leading competitor.

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Unwanted

SedgeHammer® 1.33 oz/acre

Sedge control: 70% 28 days after treatment

The Performance Is Clear

Solitare delivers impressive results against tough weeds like ground ivy, pictured below.

Press Speak Out About Solitare

“Solitare was outstanding. I tried it on nutseed, crabgrass, dallisgrass and buttonweed, and it annihilated everything with one application, with no movement or yellowing of the turf.”

Dave Gardner, Ph.D. — The Ohio State University, 2008

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Calvin Lapp — Eagle Lawn & Tree Service, Lebanon, Pennsylvania

“One Product — So Many Weeds

With its broad label, Solitare controls or suppresses over 60 weeds. Beyond postemergence crabgrass control, Solitare is effective on sedges and some of the toughest broadleaf weeds like white clover, ground ivy, wild violet, dollarweed, dandelion, spurge, Star of Bethlehem and more. In a single treatment, you can effectively reduce overall weed populations, minimizing the need for subsequent applications and saving you time and money.

The following chart illustrates how Solitare provides more consistent control against different stages of crabgrass growth than competitive products.

Jim Brozman, Ph.D. — University of Tennessee, 2009

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Solitare helped prevent the wild violet from reestablishing. and that same area the following season, respectively. As you can see, the optimized mode of action of Revolutionary Solitare delivers powerful control of weed populations, current and future, for lasting effects.

Through foliar contact and root absorption, Solitare works quickly for impressive, visible results in just 3–5 days and lasting residual. And that’s just scratching the surface!

The images above show a patch of wild violet just before treatment with Solitare herbicide (at 1.3 lbs/acre) and death of target weeds.

See Results Sooner — and Later

Solitare is absorbed by the roots and translocated through the plant’s vascular system. Once absorbed, Solitare mimics an overdose of a plant growth hormone, auxin, which leads to growth inhibition and death of target weeds.

The all-in-one postemergence weed control of Solitare saves you time and money by achieving more powerful, multiple-weed control that Solitare delivers on its own.

Solving more than one weed problem used to require more than one product. With Solitare® herbicide from FMC Professional Solutions, you can finally take on multiple weed problems without the cost or hassle of tank mixing other herbicides.

The frontline is expanding with Solitare saving you time and money by achieving more powerful, multiple-weed control that Solitare delivers on its own.

FMC Professional Solutions understands that you need to cut costs but can’t afford to cut quality. Solitare goes beyond fast-acting, visible control of postemergence crabgrass to reduce or eliminate multiple weed populations, maximizing the weed for subsequent applications and saving you time and money. What’s most impressive is that Solitare delivers these benefits without having to be tank mixed with any other product, eliminating costs, cleanup and disposal. When faced with crabgrass, sedges and broadleaf weed problems, the only name you need to know is Solitare.

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