



Aim[®] EC

HERBICIDE

- Add Aim[®] EC herbicide at 1.0 oz./acre to your burndown program for control of glyphosate-resistant kochia
- Excellent activity on annual and winter annual weeds <4" tall
- Zero day plant back to all registered crops: alfalfa, small grains, canola, flax, soybean, sunflower, sorghum, and dry legumes.
- In cool weather conditions glyphosate efficacy decreases due to temperature dependency: **Aim EC herbicide is NOT temperature dependent** making for an excellent burndown partner in the spring of the year
- Tank mix Aim EC herbicide with MSO or COC at 1% v/v



Glyphosate 22 oz. + AMS
30 days after application



Glyphosate 22 oz. + Aim[®] EC
herbicide 1.0 oz. + 1% MSO
v/v + AMS
30 days after application

1 oz. Aim[®] EC Herbicide + 7 oz.
Authority[®] Assist herbicide + 1%v/v
MSO + 3 2oz. glyphosate + AMS

Untreated



Inside This Issue

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- Soybean Preplant Recommendations for Authority[®] Brand herbicides

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FMC

HatchTrakSM



Spartan[®] Elite & Spartan[®] Charge Herbicides: Preplant / Preemergence for Dry Field Peas, Chickpeas



Aim[®] EC herbicide: 0.75 – 1.5 fl. oz./A

- Non-residual burndown control of emerged weeds in tank-mix programs
- Combine with Spartan Elite herbicide to improve burndown on kochia, Russian thistle, lambsquarters, mustard species
- Non-residual program : Aim EC herbicide 1.0-1.5 oz. + glyphosate 1-1.5 lb ai + MSO 1.0% v/v + AMS
- Use 1.0-1.5 oz. for heavy weed and resistant populations
- Use preplant up to 1-day after planting

Spartan Elite herbicide: 19 – 28 oz./A See label for specific soil type and organic matter recommendations.

- Combines broadleaf control of Spartan[®] Brand herbicide with grass control of s-metolachlor
- Excellent on small-seeded broadleaves. Stronger on pigweeds lambsquarter, nightshade with two modes of action working on those weeds where soil type has limited the rate on Spartan Charge herbicide past

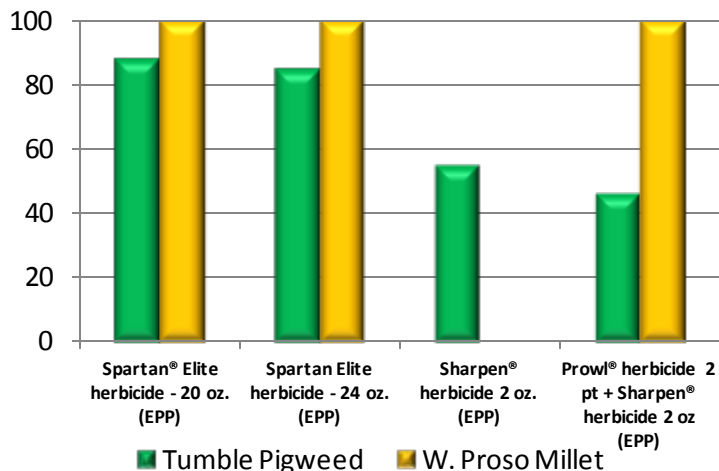
Spartan Charge herbicide: 3 – 6 oz./A See label for specific soil type and organic matter recommendations.

- Includes the post activity of Aim EC herbicide for increased burndown on kochia, R. thistle, mustards, lambsquarter
- Tank mix with residual grass partner - Dual[®] herbicide, Prowl[®] herbicide - or follow with post grass herbicide

Best Management Recommendations for Spartan Brand Herbicide Applications for Field Peas

- Spartan Charge & Spartan Elite herbicides: Tank-mix with glyphosate for no-till for complete burndown
- Add NIS or COC as desired for increased burndown performance
- Preplant applications (7-14 days) have shown good weed control and improved crop safety. Preplant applications also may allow slightly higher rate for improved weed control with excellent safety, especially on lighter, low O.M. soils

Weed Control in Dry Field Peas
Univ. of NE – HPAL, Sidney, NE 2014
% Control 57 DAT



Spartan[®] Charge herbicide vs. UTC on Kochia. Colorado - 2015



No Preplant Program



**Authority[®] First DF herbicide 5 oz. + Aim[®] EC herbicide 0.75 oz. + 2,4-D LV6 12 oz./A:
Applied 4/6, Photo on 5/8/15**

Authority[®] Brand Herbicides – Early Preplant Applications for Soybeans

Advantages of Early Preplant Applications

1. Get ahead of corn planting by getting soybean acres sprayed.
2. Early weed control. Control weeds before they get established. Warm spring has weeds growing early.
3. Move from corn planting into soybeans without worry about plant-back restrictions on burndown programs.

Early Preplant vs. Preemergence applications All the Authority brand herbicide products can be applied up to 45 days ahead of planting in the spring. Use the higher end of the rate ranges below when applying EPP from late March to April 20th – 25th for extended residual. You don't want to use a low rate then have it run out too early in the season. For resistant weeds like **waterhemp, Palmer amaranth, giant ragweed**, keep the rates up no matter when the application is made to get the best control.

Weeds like kochia, giant ragweed, marestail and lambsquarter come up very early. Applying Authority brand herbicides before they get going is critical in keeping fields clean.

• Authority[®] First DF herbicide: 5 - 6.4 oz./A

- Provides strong activity on ragweeds and marestail making either a great choice for tough no-till environments with these problem weeds

• Authority[®] Assist herbicide: 8 - 10 oz./A

- Long residual of Authority brand herbicides provides superior residual on kochia, waterhemp, lambsquarter, nightshade, morningglories and velvetleaf, plus excellent grass control

• Authority[®] MTZ DF herbicide: 14 - 18 oz./A

- Rotation flexibility to plant corn after 4 months. Excellent product for soybeans going to seed corn the following year. Controls kochia, waterhemp, lambsquarters, morningglories, nightshade

• Authority[®] Elite herbicide: 24 - 30 oz./A

- Strong grass and small-seeded broadleaf control with combination of Authority brand herbicides + s-metolachlor. Kochia, waterhemp, lambsquarters, nightshade, foxtails

For Emerged Weeds in No-till

Add Aim[®] EC herbicide 0.5-0.75 oz. + 2,4-D LV4 1.0 pt. + MSO 1% v/v

- For emerged, glyphosate-resistant Kochia – increase Aim EC herbicide rate to 0.75-1.0 oz./A



888-59-FMC-AG FMCCROP.COM

Always read and follow label directions. NOTE REGARDING RESTRICTED USE PESTICIDES: Anthem ATZ herbicide; Athena insecticide, Brigade 2EC Insecticide/Miticide, Brigade WSB Insecticide/Miticide, Brigadier Insecticide Capture 3RIVE 3D insecticide, Capture LFR Insecticide, Declare insecticide, Hero Insecticide, Mustang Insecticide, Mustang Maxx Insecticide, Pounce 25WP Insecticide, Stallion Brand Insecticide, Temityr LFR Insecticide/Fungicide, Triple Crown Insecticide, Ethos XB Insecticide/Fungicide and Gladiator Insecticide/Miticide are **Restricted Use Pesticides**. NOTE FOR CALIFORNIA: Accurate Extra herbicide, Aim herbicide, Aim EC herbicide, Aim EW herbicide, Anthem herbicide, Anthem ATZ herbicide, Anthem Flex herbicide, Anthem MAXX herbicide, Authority Assist herbicide, Authority Elite herbicide, Authority First DF herbicide, Authority MAXX herbicide, Authority MTZ DF herbicide, Authority XL herbicide, Cadet herbicide, Chisum Herbicide, Command 3ME microencapsulated herbicide, Crusher Herbicide, Edition Broadspec herbicide, Edition Tankmix Herbicide, Marvel herbicide, Nimble Herbicide, Nuance Herbicide, Preemptor SC fungicide, Report Extra Herbicide, Solstice herbicide, Spartan 4F herbicide, Spartan Charge herbicide, Spartan Elite herbicide, Temityr LFR Insecticide/Fungicide, Topguard EQ fungicide, Zeus Prime XC herbicide, Zeus XC herbicide, Capture 3RIVE 3D insecticide, Ethos XB Insecticide/Fungicide, Hero Insecticide, Mustang Maxx Insecticide, Display cotton harvest aid, Zoro Miticide and VGR Soil Amendment **are not registered for sale or use in California**. VGR Soil Amendment is not a pesticide. Beleaf and Carbine are trademarks of Ishihara Sangyo Kaisha, Ltd. Cercobin is a trademark of Nippon Soda Co., LTD. Sovran is a registered trademark of BASF. FMC, 3RIVE 3D, Accurate, Aim, Anthem, Athena, Authority, Brigade, Brigadier, Cadet, Capture, Chisum, Command, Crusher, Declare, Display, Edition, Ethos, Preemptor, Fracture, Fyfanon, Gladiator, Hero, Koverall, LFR, Marvel, Mustang, Nimble, Obey, Pounce, Report, Rhyme, Rovral, Shark, Solida, Solstice, Spartan, Stallion, Temityr, Topguard, Topguard Terra, VGR and Zeus are trademarks and HatchTrak and Investing in farming's future are service marks of FMC Corporation or an affiliate. ©2016 FMC Corporation. All rights reserved. 11/16

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