

HatchTrakSM

August 2, 2017



= Better Potato Desiccation & Quality

2015 Research Results - Cornell University

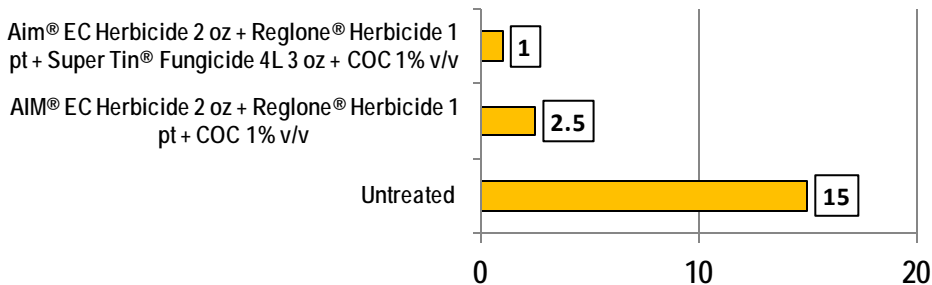


Potato desiccation treatments 8-10-15; Photo'd 8-14-15

Reducing Tuber Blight by Desiccating w/ AIM

(Commercial On-Farm Replicated Study – Pennsylvania 2013)

% Incidence Tuber Blight 222 Days in Storage



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- ❑ Desiccation Influences Tuber Quality – AIM improves Tuber Quality and avoids rapid desiccation problems

Authored by
Dr. Joseph P. Reed
FMC Tech Service Mgr – East Region
(217) 649-3249

- Stu Throop FMC Western MI RMM (443) 271-4191
- Lisa Stiles FMC Southeast MI. (989) 780-2032
- Allen Klug FMC Wisconsin RMM (608) 695-7620



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Regardless of Potato Variety Maturity – AIM[®] EC desiccates potatoes without compromising yield & quality

Specific gravity by variety and desiccation programs from commercial farm strip plots of two farms in Ohio and Pennsylvania in 2011.

Desiccation Program	Norkotah Russet (Early Maturity)	Somerset (Medium Maturity)	Allegany (Late Maturity)
AIM [®] EC Herbicide 3.2 oz + MSO	1.091	1.12	1.097
AIM [®] EC Herbicide 3.2 oz + MSO fb Reglone [®] 1 pt/A	1.094	1.14	1.11
Reglone [®] 1 pt/A fb Reglone [®] 1 pt/A	1.092	1.09	1.084

Yields US#1 (cwt) by variety and desiccation programs from commercial farm strip plots of two farms in Ohio and Pennsylvania in 2011.

Desiccation Program	Norkotah Russet (Early Maturity)	Somerset (Medium Maturity)	Allegany (Late Maturity)
AIM [®] EC Herbicide 3.2 oz + MSO	223	249	284
AIM [®] EC Herbicide 3.2 oz + MSO fb Reglone [®] 1 pt/A	228	231	322
Reglone [®] 1 pt/A fb Reglone [®] 1 pt/A	226	237	253

Cull (%) by variety and desiccation programs from commercial farm strip plots of two farms in Ohio and Pennsylvania in 2011.

Desiccation Program	Norkotah Russet (Early Maturity)	Somerset (Medium Maturity)	Allegany (Late Maturity)
AIM [®] EC Herbicide 3.2 oz + MSO	7.2	3.6	9.6
AIM [®] EC Herbicide 3.2 oz + MSO fb Reglone [®] 1 pt/A	3.6	4.8	7.8
Reglone [®] 1 pt/A fb Reglone [®] 1 pt/A	5.4	9.2	12.4

Potato desiccation sprays started August 15, 2011 and ended on August 18, 2011. Potato digging started on September 8, 2011, fields were dug in the order of variety maturity from earliest to later maturing: Norkotah Russet, Somerset, and Allegany. Somerset, a mid maturity variety, had the highest specific gravity. Allegany displayed the most variable specific gravity. However, Norkotah Russet had the most consistent specific gravity. Specific Gravity was highest across farm locations and varieties with the AIM[®] EC Herbicide 3.2 oz/A + MSO followed by Reglone[®] Herbicide 1 pt/A program (treatment). Yields (US #1) and cull rate followed the maturity of variety with Allegany, longest maturity variety, having the highest yield with a range of 253 to 322 cwt and a cull rate ranging from 7.8 to 12.4 percent. The AIM[®] EC Herbicide 3.2 oz/A + MSO followed by Reglone[®] Herbicide 1 pt/A program appeared to have the lowest cull rates ranging from 3.6 to 7.8 percent of the desiccation programs regardless of variety. Potato digging was finished by September 26, 2012, there were two rainfall events with greater than 0.20 inches of rain and 2 periods of rainfall with less than 0.05 inches of rain.

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, Temity 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, Temity 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, Temity, 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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