

IPCO Vitaflo® SP Fungicide Multi-Crop Protection

Situation:

In 2013, due to relatively strong commodity prices, it is more important than ever to protect your crop yield from several important diseases such as seed and seedling rots and blights. Left untreated, such diseases can result in significant yield losses in cereal and pulse crops.

Solution:

IPCO answers with Vitaflo® SP Fungicide:

- Easy to handle product providing cost effective disease control and excellent seed safety
- unique mode of action [a broad spectrum protectant fungicide (thiram¹) and a systemic fungicide (carbathiin¹)] to manage a variety of diseases
- registered use on numerous crops with a proven track record for performance

¹Global registrations and tolerances exist for actives Carbathiin and Thiram to allow movement of seed and export of the harvested crop

Guidelines for Use:

A). Diseases Controlled in Cereal Crops

Crop	Rate (mL/100 kg seed)	Seed & Seedling Rots/Blights	<i>Pythium</i> Seed Rot	Common Root Rot	Loose Smut	Covered Smut	False Loose Smut	Common Bunt	Seed – borne <i>Septoria</i>
Wheat	230 – 330 ^a	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Barley	230 – 330 ^a	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Oats	330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Rye	230 – 330 ^a	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Triticale	200	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Corn	280, 560-748 ^b	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

^a Use low rate for partial control of true loose smut in wheat/barley and stem smut in rye. Use high rate to:

- control seed borne *Septoria*; seed rot and seedling blight caused by *Fusarium* spp., *Cochliobolus sativus*, *Pythium* spp., *Penicillium* spp., *Aspergillus* spp., *Alternaria* spp.; and dwarf bunt caused by *Tilletia controversa*
- suppress root rot caused by *Cochliobolus sativus*

^b Use 560 – 750 mL/100 kg seed to control head smut in corn

B). Diseases Controlled in Pulse Crops

Crop	Rate (mL/100 kg seed)	Seed & Seedling Rots/Blights ^d	<i>Pythium</i> Seed Rot	Seed – borne <i>Asochyta</i>	Seed – borne <i>Anthraxnose</i>	Seed – borne <i>Phomopsis</i>
Soybean	260	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Pea	260 – 330 ^c	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Lentil	330	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Dry Bean	260	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	

^c Use high rate to control *Asochyta*

^d May include seed rots and blights caused by *Rhizoctonia*, *Fusarium* and/or *Botrytis* spp.

NB. Vitaflo® SP Fungicide is designed to be used undiluted in commercial seed treaters; however, it can be diluted for use in slurry treaters. DO NOT dilute to more than 25% water. Beyond this, the active ingredient will settle out of solution and the product will not be as effective. If diluted Vitaflo® SP Fungicide is left in storage, some agitation may be required.

ALWAYS READ AND FOLLOW THE CURRENT VITAFLO® SP FUNGICIDE LABEL (WWW.IPCO.CA) DIRECTIONS.

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