CHEMTURA

Seed Treatment Disease Performance Comparison Chart

Chemtura AgroSolutions™

Canadian Seed Treatment Comparisons

1 = Exceptional Control	2 = Control	3 = Suppression	4 = Not labeled

PRODUCT	CROPS	Common Bunt (Wheat)	Loose Smut (Wheat)	True Loose Smut (Barley)	Fusarium Seed	Fusarium Soil	C. Sativus Seedling blight(a)	Common Root Rot	Penicillium (Dry Rot)	Pythium (Damping Off)	Aspergillus Seed Rot	FEATURES
RANCONA™ Apex	Wheat, Barley, Oats, Rye, Triticale	1	1	2	1	1	2	3	1	4	1	Full spectrum superior performing ready-to-use product. Also controls leaf stripe of barley.
Vitaflo® 280 (b)	Wheat, Barley Oats, Rye, Triticale, Peas, Lentils, Beans, Soybeans	2	1	2	1	3	2	3	2	2	2	Proven broad spectrum value offer with good agronomic performance.
Raxil® MD	Wheat, Barley, Oats	1	1	2	2	2	3	3	4	2	4	
Dividend® XL RTA®	Wheat, Barley, Oats, Rye, Triticale	1	2	4	2	2	4	3	2	2	2	
Charter® RTU, Armour®	Wheat, Barley, Oats	1	1	2	2	2	3	3	4	4	4	
Gemini®	Wheat, Barley, Oats	1	1	2	1	2	3	3	4	2	4	

NOTES:

Read the label of each product for full information on disease claims of each product. Ratings based on label claims or on research results if suppression or control is not specified on the label.

(a) Fusarium & C. sativus may cause seed rot, seedling blight or other symptoms - compare labels for actual control or suppression.

(b) Vitaflo 280 - 330 mL/100 kg. application rate.

(c) Dividend XL RTA: 325 mL/100 kg of seed rate. Dividend products all deliver same rate of difenaconazole so have similar disease ratings.

Higher metalaxyl-M rate in Extreme may affect pythium control, but all Dividend products provide control.

This table is a summary comparison only.

There are many aspects to seed treatment disease control, such as control of seed borne versus both seed & soil borne disease; or control of control of specific symptoms such as seed rot, damping off, seedling blight, crown rot and foot rot. Application rates may significantly affect performance. Compare labels carefully to see which seed treatment and which rate provides the needed control of the disease, source and symptom.

Chemtura strives to identify specific diseases and symptoms controlled or suppressed through the use of our products so users can be assured of the performance to expect. Not all companies provide the same disclosure on their labels.

www.chemturaagrosolutions.com

RANCONA™ Apex

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PRODUCT	CROPS	Rhizoctonia Seed Rot (a) (Pulses)	Rhizoctonia Seedling Blight (Pulses)	Fusarium Seed Rot (a) (Pulses)	Fusarium Seedling Blight (Pulses)	Seed Borne Ascochyta (Peas)	Seed Borne Ascochyta (Lentils and Chickpeas)	Seed Borne Botrytis (Lentils)	Pythium (Damping Off)	Phomopsis (Soybean)	Seed Borne Anthracnose (Dry Bean)
Vitaflo® 280	Peas, Lentils, Beans, Soybeans, Wheat, Oat, Rye and Triticale	1	1	2	2	2	4	2	2	1	2
Crown© (b)	Lentils, Chickpeas	1	1	1	1	NR	1	1	4	NR	NR
Crown + Allegiance® or Crown + Apron® XL	Chickpeas	1	1	1	1	NR	1	1	1	NR	NR
Trilex AI (d)	Peas, Lentils, Beans and Soybeans	2	4	2	4	3	3	2	1	2	4
ApronMaxx RTA	Peas, Lentils, Beans and Soybeans	2	2	2	2	2	2	2	1	2	2

NOTES:
Read the label of each product for full information on disease claims of each product.Ratings based on label claims and on research results.

(a) Rhizoctonia & Fusarium may cause seed rot, seedling blight or other symptoms - compare labels for actual control or suppression.

(b) Crown needs to be combined with metalaxyl or metalaxyl-m (Allegiance or Apron XL) on chickpeas for control of Pythium.

(c) Vitaflo 280 - 330 mL/100 kg. application rate. Proven broad spectrum value offer with good agronomic performance.Also controls leaf stripe and suppresses early season net blotch of barley

(d) Trilex would be ineffectual on Group 11 resistant ascochyta.

This table is a summary comparison only.

There are many aspects to seed treatment disease control, such as control of seed borne versus both seed & soil borne disease; or control of control of specific symptoms such as seed rot, damping off, seedling blight, crown rot and foot rot. Application rates may significantly affect performance.

Compare labels carefully to see which seed treatment and which rate provides the needed control of the disease, source and symptom.

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