



MAXIMUM PROTECTION. MAXIMUM YIELD POTENTIAL.

FOR BROAD-SPECTRUM COVERAGE AND UNPARALLELED DISEASE PROTECTION, THERE'S ONLY ONE SOLUTION: RANCONA® PINNACLE.

Advanced disease defense promotes a bigger, better yield.

Rancona® Pinnacle Seed Treatment contains **ipconazole**, a fungicide with both systemic and contact properties, along with the fungicide **metalaxyl**—protecting seed from rots and seedlings from a host of common diseases, including *Pythium*.



SEED TREATMENT

INCREASED YIELDS

TREATMENT	BARLEY ¹ AVERAGE YIELD BUSHEL/A	WHEAT ² AVERAGE YIELD BUSHEL/A	BUSHEL INCREASE OVER UNTREATED BARLEY	BUSHEL INCREASE OVER UNTREATED WHEAT
Untreated Seed	63.8	60.1	0	0
Raxil® MD	71.4	61.8	7.6	1.7
Rancona Pinnacle	72.2	63.1	8.4	3.0

1 Tests conducted at Montana State University (N=4), University of Idaho and Agro Tech in ND (N=3). Average of 8 trials.
2 Tests conducted at Kansas State U., Montana State U. (N=3), NDSU (N=3), SDSU, Oklahoma State U., U. of Arkansas, U. of Kentucky, U. of Southern Illinois and Washington State U. Average of 13 trials.

TESTED AND PROVEN IN UNIVERSITY STUDIES

Higher Average Yields

Rancona® Pinnacle averaged higher yields than the untreated, as well as exceeding the average yields for Raxil® MD in barley and wheat.

KEY BENEFITS:

- ▶ **OUTSTANDING LEVEL OF DISEASE CONTROL**—the best and broadest disease protection package—including seed-and soil-borne *Fusarium* and *Rhizoctonia* (early season) (refer to complete disease comparison chart on back).
- ▶ **EASE OF USE**—no messy equipment buildup; unique ability to treat at colder temperatures.
- ▶ **DEMONSTRATED HIGHER YIELDS**—in North American university trials, compared to other leading seed treatment products.
- ▶ **OPTIMIZED PERFORMANCE**—faster emergence, increased stands and healthier, more vigorous plants, enhancing varietal performance.
- ▶ **GUARDS SMALL GRAINS**—early-season protection against various *Fusarium* species that attack small grains including *F. culmorum*, *F. graminearum* and *F. avenaceum*.
- ▶ **CONVENIENT READY-TO-USE PRODUCT.**

PRODUCT SUMMARY

Active Content:

4.61g/L ipconazole, 6.15g/L metalaxyl

Package Availability:

2 x 10L, 200L drum and 1000L Tote

Application Rate:

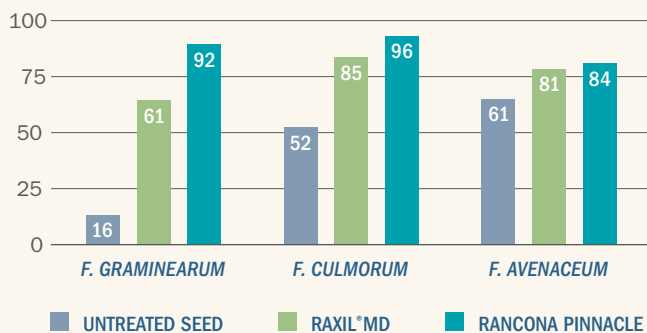
All crops, 325mL/100Kg of seed

- ▶ Product is ready to use and can be diluted with water, if desired.
- ▶ The higher rate of 433mL/100Kg of seed provides a higher level of true loose smut control in barley. Use higher rate for highly infected seed lots only.



RANCONA – A HIGHER LEVEL OF DISEASE PROTECTION

PERCENT EMERGENCE OF WHEAT WITH DIFFERENT *FUSARIUM* INOCULATED INTO SOIL



SUPERIOR *FUSARIUM* PROTECTION

Compared to Raxil MD, Rancona® Pinnacle provides superior protection from several different species of *Fusarium* that attack small grains.

Hwang, Alberta Agriculture

SEED TREATMENT DISEASE PERFORMANCE COMPARISON CHART

PRODUCT	CROPS	Common Bunt (Wheat)	Loose Smut (Wheat)	True Loose Smut (Barley)	<i>Fusarium</i> Seed	<i>Fusarium</i> Soil	<i>C. sativus</i> Seedling Blight (a)	Common Root Rot	<i>Penicillium</i> (Dry Rot)	<i>Pythium</i> (Damping Off)	<i>Aspergillus</i> Seed Rot	<i>Rhizoctonia</i> (Early Season)
Rancona® Pinnacle	Wheat, Barley, Oats, Rye, Triticale	E	G	G	E	E	G	S	E	G	E	G
Rancona® Apex	Wheat, Barley, Oats, Rye, Triticale	E	G	G	E	E	G	S	E	NL	E	NL
Vitaflo® 280 (b)	Wheat, Barley, Oats, Rye, Triticale, Peas, Lentils, Beans, Soybeans	G	E	G	G	S	G	S	G	S	G	NL
Raxil® MD	Wheat, Barley, Oats	E	G	G	G	G	S	S	NL	G	NL	S
CruiserMaxx® Cereals	Wheat, Barley, Oats, Rye, Triticale	G	G	NL	G	G	S	S	G	G	G	NL
INSURE™ Cereals	Wheat, Rye, Barley, Oats, Triticale	G	G	G	G	G	S	S	NL	G	NL	NL
Dividend XL RTA® Dividend Extreme®	Wheat, Barley, Oats, Rye, Triticale	E	G	NL	G	G	S	S	G	G	G	NL

E	Exceptional Control	G	Good Control	S	Suppression	NL	Not Labeled
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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: 280 - 330mL/100Kg application rate.

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- and soil-borne disease; or 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.

Agriphar Crop Solutions 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.

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Always read and follow label directions.

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