

RANMAN[®]

400SC FUNGICIDE

Get proven disease control and manage resistance

RANMAN[®] 400SC Fungicide is in a class of its own.

With a unique chemistry, RANMAN is the only fungicide with a group 21 designation, making it the perfect choice for your disease resistance management program, providing:

- Excellent preventive disease control
- Fungicide resistance management in mixtures or alternation programs
- Demonstrated compatibility with a wide range of fungicides
- Flexibility regarding harvest with a 0-day PHI on many crops

RANMAN provides proven protection against pink rot, downy mildew, cavity spot and late blight, working in potatoes, cucurbits, carrots, brassicas and lettuce.

Always read and follow label directions.

RANMAN fungicide is sold exclusively through Helena Agri-Enterprises and Tenkoz member companies.

To learn more, visit us at www.summitagro-usa.com or call us at 984-260-0407.

RANMAN 400SC Fungicide is active in all stages of the disease life cycle to protect against downy mildew and diseases caused by oomycetes in many crops. Active ingredient: cyazofamid.

RANMAN is an invention and registered trademark of Ishihara Sangyo Kaisha, Ltd., and is manufactured and developed by ISK Biosciences Corporation. The Summit Agro logo is a trademark of Sumitomo Corporation. All other trademarks are the property of their respective companies. © 2022 Summit Agro USA LLC.

Registered crops and disease targets:

Fruiting Vegetables

Late Blight
Phytophthora blight

Brassica Leafy Vegetables

Club root
Downy mildew

Carrots

Cavity spot
Root dieback/forking
Pythium

Cucurbits

Downy mildew
Phytophthora blight

Grapes

Downy mildew

Hops

Downy mildew

Leafy Greens

White rust
Downy mildew
Pythium (soil)

Onions & Garlic

Downy mildew

Potatoes

Late blight
Pink rot

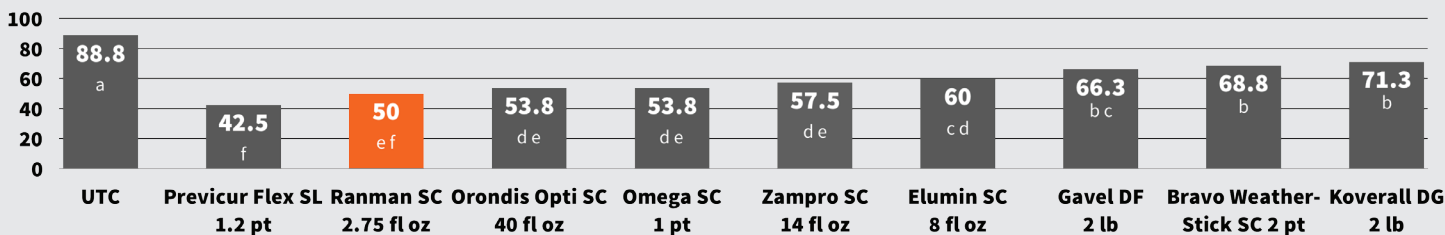
Refer to product label for a complete list of registered crops and diseases.



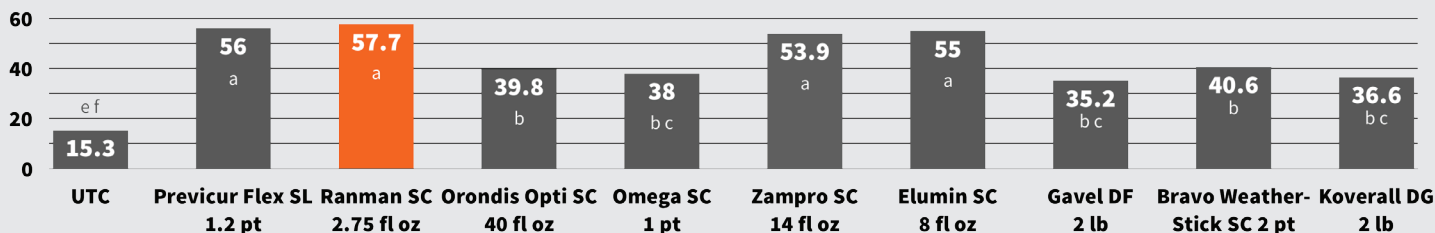
RANMAN controls downy mildew on cucumbers

Evaluation of single fungicide products for control of downy mildew of cucumber, 2018 | Hausbeck & Cook | Michigan State

Foliar Infection (%)



Total Yield (lb.)



The trial was planted on 20 Jul and treatments applied at a volume of 50 gal/A on 10, 16, 23 and 30 Aug; 7, 15 and 22 Sep. Due to extreme hot and dry conditions followed by rains, foliar infection (%) dropped for many treatments after 16 Sep and increased on later rating dates as the plants grew more foliage. Six treatments limited foliar infection to ≤60% by the last rating date: (a) Previcur Flex, (b) Ranman, (c) Orondis Opti, (d) Omega, (e) Zampro, and (f) Elumin. However, Orondis Opti and Omega had reduced yields (39.8 and 38.0 lb, respectively) compared to the other four treatments (yields ranged from 53.9 to 57.7 lb).

Applying RANMAN

CROP	DISEASES	RATE (fl oz/A)
Fruiting Vegetables	Late Blight Phytophthora blight	2.1 - 2.75 (Late blight) 2.75 (Phytophthora blight)
Brassicas	Club root Downy mildew	12.9 - 25.7 soil drench, 20.0 soil incorporated 2.75 foliar
Carrot	Cavity spot, forking	6.0
Cucurbit vegetables	Downy mildew Phytophthora blight	2.1 - 2.7 2.75
Grapes	Downy mildew	2.1 - 2.75
Hops	Downy mildew	2.1 - 2.75
Leafy greens	White rust Downy mildew Pythium (soil)	2.75 foliar 2.75 soil incorporated
Onions & garlic	Downy mildew	2.75 - 3.0
Potatoes	Late blight Pink rot	1.4 - 2.75 foliar 2.75 lay-by/hilling

Notes: For most foliar diseases, make fungicide applications on a 7-10 day schedule, beginning when disease first appears. Use the low rate and longest interval when disease pressures are low. Use the shortest interval and the highest rate when conditions favor heavy disease pressure. For downy mildew on grapes, use a 10-14 day schedule. For cottony leak use a 7-14 day schedule. For soil applications on transplants, you can use a drench after transplanting. For soil incorporation, apply Ranman in a minimum bandwidth of 9 inches along the planting row and incorporate. For carrots, pre-plant incorporate either a band or broadcast application. You can also make a banded application directly over the seed line. On potatoes, for Pink rot control, you can make the applications in-furrow, directly over the seed prior to row closure. For additional pink rot control, make applications at hilling. An adjuvant may be used for foliar applications. Follow recommendations for resistance management with tank mixes or alternations with fungicides that have a different mode of action.

Always read the RANMAN label for detailed instructions regarding rates, timings, adjuvants, and resistance management practices.