

# RANMAN®

## 400SC FUNGICIDE

### Manage resistance with fewer “pounds on the ground.”

#### 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.

#### Is RANMAN right for your disease management program? Contact Summit Agro USA 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 cucurbits, potatoes, brassicas, lettuce and carrots. Active ingredient: cyazofamid.

#### Always read and follow label directions.

Distributed through Helena Agri-Enterprises and Tenkoz member companies.

For a complete list of state registrations visit us at [www.summitagro-usa.com](http://www.summitagro-usa.com).

RANMAN is an invention and registered trademark of Ishihara Sangyo Kaisha, Ltd., and is manufactured and developed by ISK Biosciences Corporation. **ISK**

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#### Registered crops and disease targets:



##### Basil

Downy mildew



##### Brassicas

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)

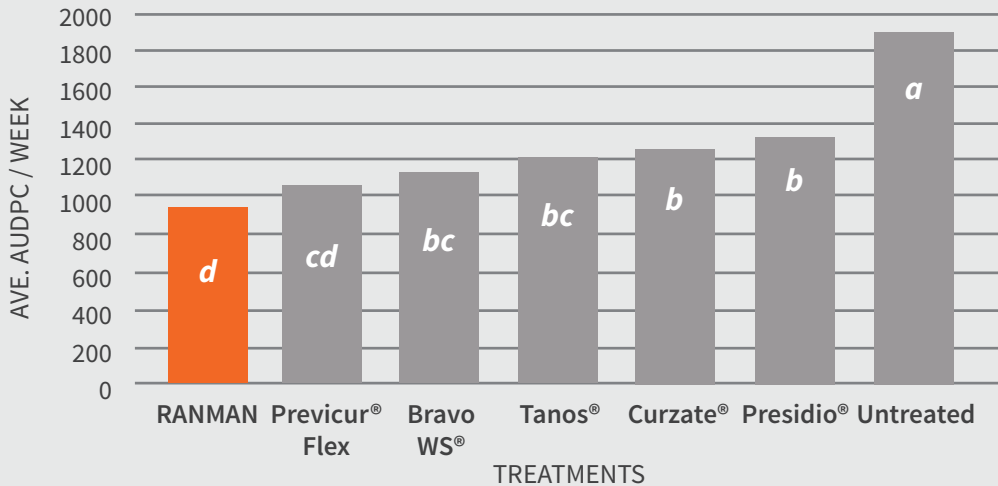


##### Potatoes

Late blight  
Pythium  
Pink rot

# RANMAN controls downy mildew on cucumbers

NC State | Clinton, NC | 2011



## Notes:

Trial conducted by NC State, Clinton, NC 2011

## Disease:

Downy mildew

## Pathogen:

*Pseudoperonospora cubensis*

AUDPC = area under the disease progress curve

(AUDPC based on weekly ratings and averaged over the season)

Previcur is a registered trademark of Bayer. Bravo Weather Stik is a registered trademark of a Syngenta Group Company.

Tanos is a registered trademark of DuPont. Curzate is a registered trademark of DuPont. Presidio is a registered trademark of Valent.

## Applying RANMAN

CROP	DISEASES	RATE (fl oz/A)
Basil	Downy mildew	2.75 - 3.0
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
Potatoes	Late blight Pythium Pink rot	1.4 - 2.75 foliar 6.1 at planting 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.