



Active ingredient: Propamocarb Hydrochloride

# THERE'S AN EASIER WAY TO GOOD KARMA

You'd do anything to protect your turf from the devastating effects of *Pythium*, but it's really not that complicated. Treat your turf early and be rewarded later. That's the power of Karma™. This highly systemic fungicide delivers maximum returns when used as a preventative in early spring, but it can also be used as a curative treatment in the summer. A multi-site mode of action also makes it an excellent resistance management tool.

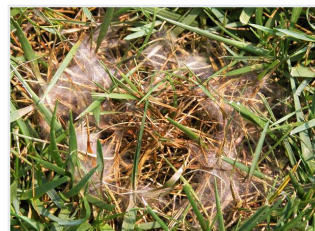
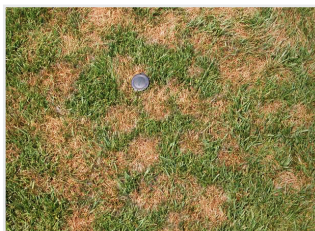
## THE TRUE PATH TO PYTHIUM-FREE TURF

- » Prevents and cures many *Pythium* diseases, including damping-off, cottony blight, grease spot and root rot
- » Highly systemic for quick absorption and translocation
- » Multi-site mode of action prevents resistance problems
- » Can be applied following germination or to established turf
- » Suitable for tank-mixing to broaden disease-control spectrum
- » Prevents root rot and damping-off caused by *Pythium* spp. and *Phytophthora* spp. at all stages of ornamental propagation



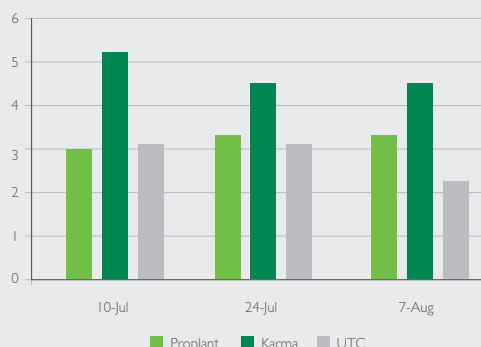
## PYTHIUM DISEASES CONTROLLED

- » Cottony blight
- » Damping-off
- » Grease spot
- » Root rot



### RUTGERS UNIVERSITY

Summer 2020 Pythium Trial (Curative)

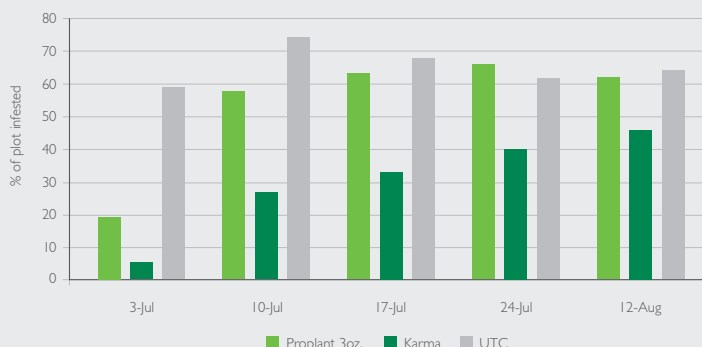


Stellar GLR Perennial Ryegrass stand. Newly seeded 5/28/20

**Application Timings:** First Application June 19th  
Second Application July 3rd Third Application July 17th

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## TIMING AND USE RATES

CROP	APPLICATION RATE FLUID OUNCES PER 1000 SQ. FT. (LBS AI PER ACRE)	LIQUID EXTRACTION
<b>TURFGRASS:</b> For control of Pythium Blight, Pythium Damping-Off and Root Rot on Established Turf and Overseeded Areas	Preventative Treatment: 1.3 - 2 fl. oz. (0.062 - 0.095 lbs. ai) in 2 - 5 gallons of water	<b>ESTABLISHED TURF*:</b> Apply as a preventive treatment during periods of high temperature and humidity favorable to the development of Pythium Blight.
	Curative Treatment: 3 - 4 fl. oz. (0.14 - 0.19 lbs. ai) in 2 - 5 gallons of water	<b>OVERSEEDDED AREAS*:</b> Apply after germination to control Pythium Damping-Off.  <b>RETREATMENT:</b> Retreat at 7 - 21-day intervals if conditions remain favorable for disease development. Use the lower rate for the shorter interval and the higher rate for the longer interval within the application rate range. Under severe disease pressure conditions, use the highest labeled rate and shortest interval.

\*Not for use on sod farms in Arizona



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