

Ultimate control of downy mildews, late blight and Phytophthora fruit rot

Orondis® Ultra combines two products, Orondis (oxathiapiprolin) and Revus® (mandipropamid) fungicides, to aid growers in hitting an out-of-the-park home run against Phytophthora fruit rot, late blight, and downy mildews in cucurbit and fruiting vegetables. As the only active ingredient in FRAC Group 49, oxathiapiprolin is not cross-resistant to any other fungicide.

- Outstanding preventive and residual disease control
- Systemic, translaminar movement and redistribution to protect developing leaves
- Rainfast within 30 minutes after spray deposits have dried
- Excellent crop safety
- Foundation fungicide product in spray programs with other modes of action
- Built-in resistance management

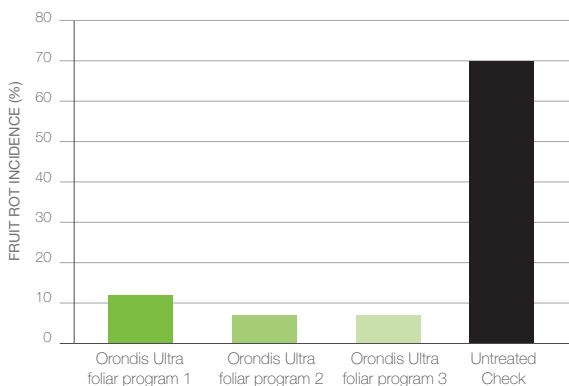
PHYTOPHTHORA FRUIT ROT MANAGEMENT IN WATERMELON



Untreated check

Actigard® (AB), Revus (C), Orondis Ultra (DF), Presidio® (E)

PROGRAM APPROACH TO FRUIT ROT MANAGEMENT



Program	Week 4 (A)	Week 5 (B)	Week 6 (C)	Week 7 (D)	Week 8 (E)	Week 9 (F)
Check	-	-	-	-	-	-
1	Actigard	Actigard	Orondis Ultra	Presidio	Orondis Ultra	Revus
2	Actigard	Actigard	Orondis Ultra	Orondis Ultra	Presidio	Revus
3	Actigard	Actigard	Revus	Orondis Ultra	Presidio	Orondis Ultra

EXCELLENT CONTROL OF TOMATO LATE BLIGHT



Untreated check



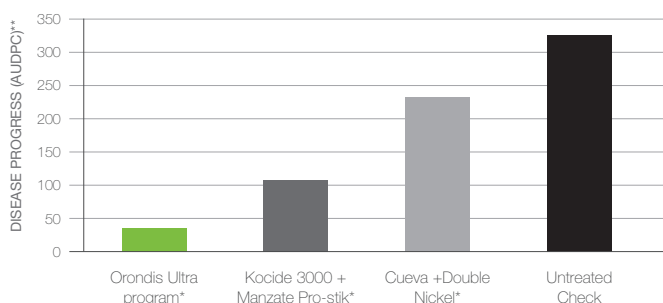
Bravo Weather Stik® (ACE), Orondis Ultra (BD), Revus Top® (F)



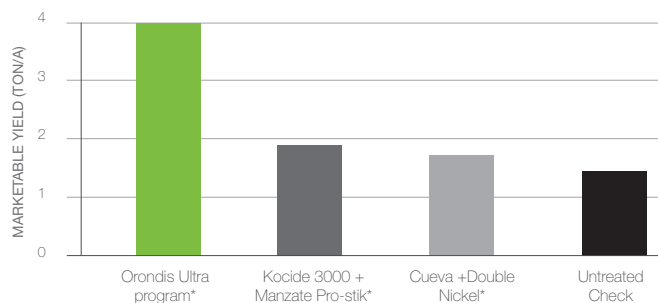
Bravo Weather Stik (ACE), Zampro® (BD), Revus Top (F)

Source: Trial USSJ0F1082016/Pennsylvania State University, PA/2016

DISEASE PROGRESS, ORONDIS ULTRA VS COMPETITORS



MARKETABLE YIELD, ORONDIS ULTRA VS. COMPETITORS



* Cueva® + Double Nickel™ (A-L); Kocide® 3000 + Manzate® Pro-Stik™ (A-L); Bravo® Weather Stik® (ACEGIK) alt. Orondis Ultra (BDFHJ) alt. Revus Top (FL)

** AUDPC = Area Under Disease Progress Curve

Source: Trial USSJ0F1292016/North Carolina State University/Mills River, NC/2016

ORONDIS ULTRA LABEL AT A GLANCE***

	Cucurbit vegetables (Crop Group 9)	Fruiting vegetables (Crop Group 8)
Spectrum of Activity	Phytophthora fruit rot (<i>Phytophthora capsici</i>), downy mildew (<i>Pseudoperonospora cubensis</i>)	Phytophthora fruit rot (<i>Phytophthora capsici</i>), Late blight (<i>Phytophthora infestans</i>), Buckeye rot (<i>Phytophthora infestans</i>), Downy mildew (<i>Peronospora tabacina</i>)
Rate	5.5 - 8.0 fl oz/A	
Maximum amount per season	32 fl oz/A	
Application interval	7 - 10 days	
Minimum gallons per acre (GPA)	Ground: 15, Aerial: 5	
Adjuvants	A spreading/penetrating adjuvant**** at labeled agricultural use rates may enhance disease control	
Reentry interval (REI)	4 hours	
Preharvest interval (PHI)	0 day	1 day
Crop rotation restrictions	0 days to crops on label; 30 days to cereals and grass animal feeds; 180 days to all other crops	

*** Always consult the product label for complete use directions and application information.

**** Spreading/penetrating types of adjuvant include non-ionic surfactants, organosilicones, or blends.

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