

# DART®

TECHNICAL BULLETIN

## DISCOVER YOUR NEW CONTACT FUNGICIDE SOLUTION FOR ORGANIC & CONVENTIONAL FARMING



DART® Fungicide EC is a highly effective U.S. EPA registered tool for organic and conventional growers. DART® is a broad spectrum contact fungicide for use on a variety of fruit, nut and vegetable crops to suppress and control diseases that can negatively

impact crop quality and yield. In university trials, DART® consistently demonstrates excellent control of diseases such as powdery mildew, downy mildew, botrytis, *Botryosphaeria*, *Alternaria* (late blight), mummy berry, *Phomopsis*, anthracnose and apple and pear scab.

### PRODUCT BENEFITS

- No Pre-Harvest Intervals or MRLs
- Apply throughout the growing season up to the day of harvest
- Ideal for Integrated Pest Management Programs to combat resistance issues
- WSDA and OMRI listed for certified organic crop production

### APPLICATION RATES AND TIMINGS

- Low use rates; the recommended rates are 0.25% to 0.35% per volume of water.
- Application frequency: 7–10 days; can be extended to 14 days depending on disease pressure and conditions.



Always refer to label for application timings on specific crops and diseases.

### SURFACTANTS

Surfactancy is built into the formulation. Additional surfactants are NOT recommended.

### MIXING INSTRUCTIONS

- Shake well before use.
- Fill tank sprayer with half of the recommended water, then add the appropriate amount of DART®. Fill tank with the remaining amount of water.
- Prior to application, **thoroughly mix** spray solution. Use **continuous agitation** until all spray solution has been applied.
- DART® is a contact fungicide, therefore non-systemic. Good coverage is important. Use adequate spray volume to ensure thorough plant coverage and spray to the point of run-off.
- Use spray solution within 4 hours of mixing.

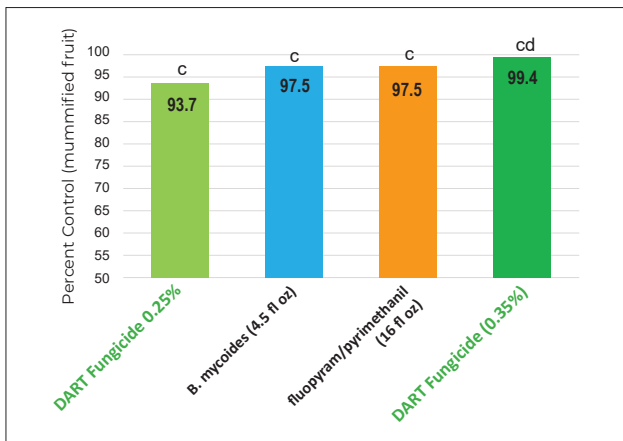
## DISEASES CONTROLLED

Scab: apple, pear	Pome fruit
Botryosphaeria, Alternaria (late blight)	Pistachios, walnuts
Mummy berry, Alternaria (late blight), anthracnose	Blueberries
Downy mildew, powdery mildew, Phomopsis	Grapes
Powdery mildew	Berries, cucurbits, apples, grapes
Downy mildew	Berries, grapes, leafy greens

## EFFICACY DATA

### DART® Fungicide EC for the Control of Mummy Berry Mummies in 'Berkeley' Blueberries

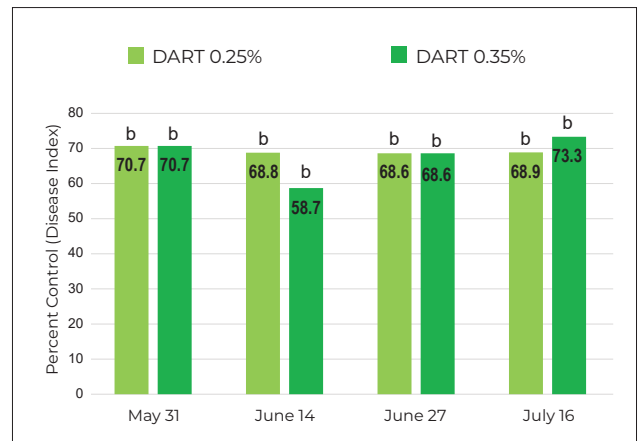
University Trial, MI, 2018



- Application dates (timings): 9-May (EGT), 16-May (LGT), 23-May (PB), 1-Jun (BLM), 5-Jun (PF), 25-Jun (GRF), and 11-Jul (BLF)
- Evaluation date: July 7, 2018
- Untreated control infection = 40 (a) mummies /plant

### DART® Fungicide EC for the Control of Powdery Mildew in Jonagold Apples

Cooperator Trial, WA, 2018



- Application dates: 9-Apr, 18-Apr, 22-Apr, 16-May, 5/31, and 14-Jun
- Control had statistical significance designation of (a) and was 4.1, 10.9, 5.1, and 4.5% incidence at respective rating dates

## RATE CHART

Desired Volume of Spray Mixture (gallons of water)	Amount of DART® Fungicide EC per Volume of Water	
	0.25%	0.35%
1	2 tsp (10 ml)	2.5 tsp (12.5 ml)
25	8 fl. oz.	11.2 fl. oz.
50	16 fl. oz.	22.4 fl. oz.
75	24 fl. oz.	33.6 fl. oz.
100	32 fl. oz.	44.8 fl. oz.