DART®

TECHNICAL BULLETIN

A NEW FUNGICIDE FOR ORGANIC CROP PRODUCTION

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 crops and vegetable crops to suppress and control disease. The proprietary and patented technology of **DART®** is WSDA and OMRI listed for use in certified organic crop production.

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

PRODUCT BENEFITS

- Contact fungicide with some residual activity
- No MRLs and 0 PHI; can be used throughout the growing season up to day of harvest
- 24 hour re-entry
- Ideal for IPM programs
- Non-systemic
- Rain fast in 2 hours
- No negative effects on pollinators and beneficial insects

APPLICATION RATES AND TIMINGS

- Low use rates; the rates are 0.20% 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

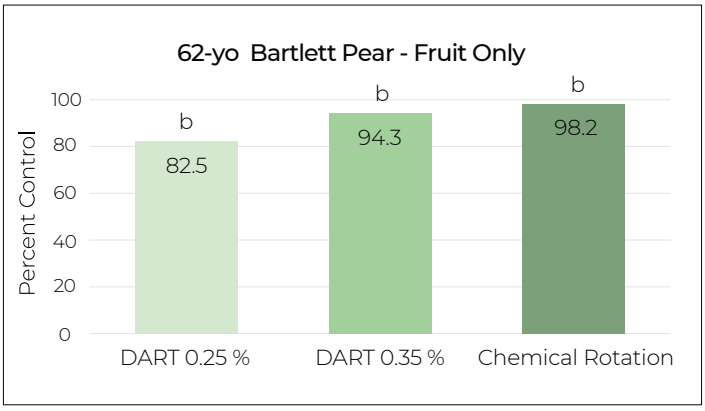
Surfactancy is built into the formulation. **Additional surfactants are NOT recommended.**

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.

EFFICACY DATA

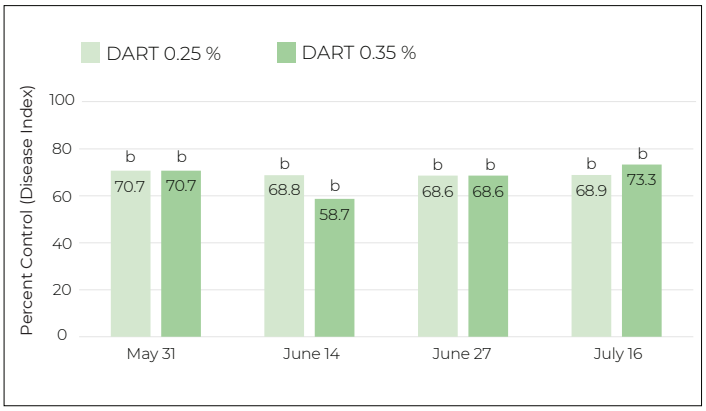
DART® for the Control of Pear Scab – Primary Infections



Cooperator trial, CA, 2019

- Application dates: 3-Apr (Green tip), 10-Apr (popcom), 14-Apr (5-10% bloom), 22-Apr (FB)
- Control based on disease index = (incidence x severity) / 100
- Untreated control had disease index = 5.6%
- Chemical Rotation = Mancozeb/Difenconazole/Cyprodinil/ Dodine/Triflumizol
- Control had statistical designation of (a), (95% confidence level)

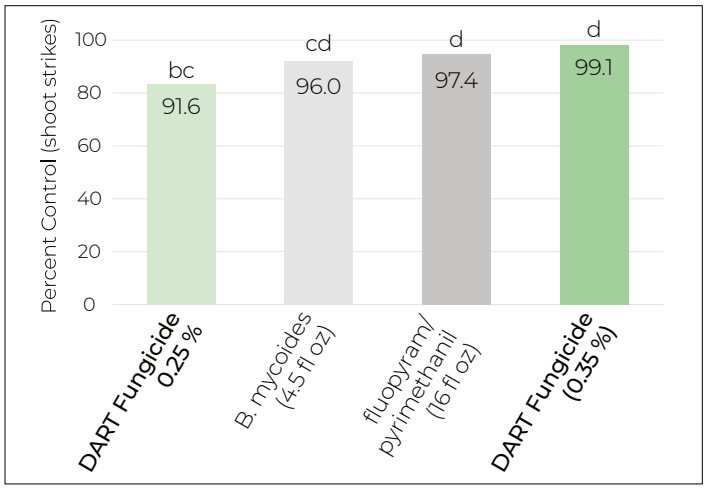
DART® for the Control of Powdery Mildew in Jonagold Apples



Cooperator trial, WA, 2018

- Application dates: 9-Apr, 18-Apr, 22-Apr, 16-May, 31-May, 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

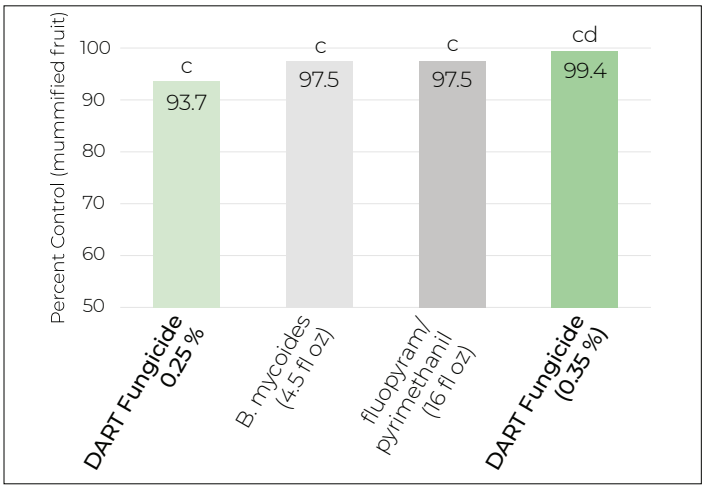
DART® for the Control of Mummy Berry Shoot Strikes in 'Berkeley' Blueberries



University trial, MI, 2018

- Application dates (timings): 9-May (EGT), 16-May (LGT), 23-May (PB), 1-Jun (BLM), 15-Jun (PF), 25-Jun (GRF), and 11-Jul (BLF)
- Evaluation date: 7-July
- Untreated control infection = 57 (a) shoot strikes/plant

DART® 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), 15-Jun (PF), 25-Jun (GRF), and 11-Jul (BLF)
- Evaluation date: 7-July
- Untreated control infection = 40 (a) mummies /plant

OMRI LISTED For Organic Use

MADE IN THE USA

* California Registration Pending

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