



APPLICATION/PRODUCTION: BOTRYSTOP[®] WP

STRAWBERRIES

BotryStop WP (*Ulocladium oudemansii*, Strain U3), a living micro-organism, provides protection against *Botrytis* infection by colonizing senescing tissue and preventing *Botrytis* establishment.

Botrytis may occur after early strawberry blooms fade, or when a late frost kills plant tissue.

BEST PRACTICES FOR STRAWBERRIES

For successful use of BotryStop WP, the following practices should be carried out:

- + Ensure that your sprayer is correctly calibrated
- + Ensure healthy crop hygiene management by removing crop debris. This reduces the sites for *Botrytis* to infect
- + Apply BotryStop WP during early bloom and through bloom to ensure it will establish early and out-compete *Botrytis*
- + BotryStop WP is pre-formulated with a surfactant; however, use of a non-ionic surfactant or spreader sticker can promote coverage in outdoor crops
- + Use at least 50 gallons of water or more per acre; higher water volumes improve coverage (avoid runoff)
- + BotryStop WP is compatible with many chemical and biological products*

*Refer to BioWorks Product Compatibility Tool at bioworksinc.com.

APPLICATION NOTES

- + BotryStop WP should be applied every 7-14 days from early bloom through flower
- + Apply BotryStop WP at the rate of 3 lb/acre
- + Partially fill the spray tank with clean water and begin agitation; add the specified amount of BotryStop WP to the tank; finish filling the tank to the desired volume to obtain the desired spray concentration
- + To improve product wetting/ spreading add a suitable surfactant to the spray tank* (Note: For certified organic strawberries, use an approved organic adjuvant)
- + Maintain agitation continuously while spraying. Use spray mixture immediately; do not allow spray mixture to stand overnight or for prolonged periods
- + For improved results, make applications in the early morning or late evening when temperatures are cooler, and dew may be on leaves; avoid application under hot, dry conditions
- + To ensure that thorough coverage is achieved, spray deposition can be monitored using spray sensitive papers
- + BotryStop WP is most effective when applied at high water volumes (50 gal/acre or greater)
- + BotryStop WP can be tank mixed
- + When tank mixing BotryStop WP with another compatible fungicide use the manufacturer's recommended rate; mixtures are best applied at high volume
- + Store BotryStop WP in a cool, dry place at or below 68° F, away from direct sunlight; store in original packaging and close bag tightly, with excess air removed, preferably away from non-compatible fungicides

*Refer to compatibility table at bioworksinc.com

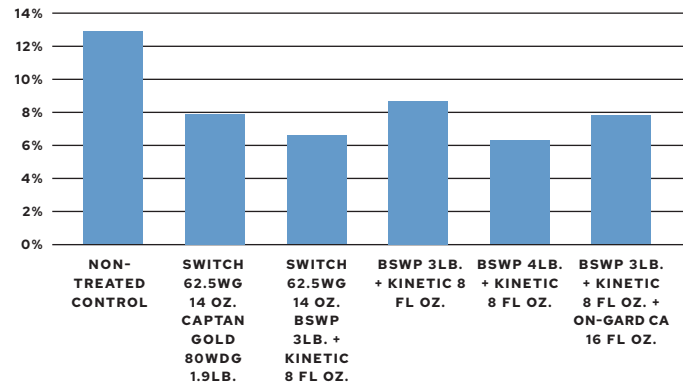


APPLICATION/PRODUCTION BOTRYSTOP® WP: STRAWBERRIES

UF TRIAL RESULTS 2021-2022 (ZUNIGA, ALONZO, BAGGIO, PERES)

- + BotryStop WP (BSWP) applied weekly effectively reduced the incidence of Botrytis infection in strawberry fruit during high-risk periods
- + Inclusion of BotryStop WP in a spray rotation with conventional fungicides provided equivalent disease reduction to the grower standard chemical rotation
- + BotryStop WP can be applied at 3-4 lb/acre weekly in a spray rotation with a conventional fungicide without jeopardizing the level of disease control obtained, while reducing the risk of resistance

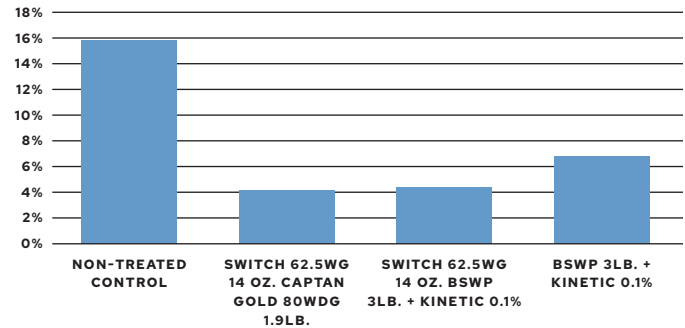
BOTRYTIS FRUIT ROT DISEASE INCIDENCE



UF TRIAL RESULTS 2020-2021 (ZUNIGA, BAGGIO, PERES)

- + BotryStop WP (BSWP) applied weekly at 3 lb/acre increased marketable yield of strawberry and reduced disease incidence in fruit
- + A rotational spray program incorporating BotryStop WP and Switch 62.5WG was as effective as the grower standard conventional fungicide regime, as measured by marketable yield and disease reduction

BOTRYTIS FRUIT ROT DISEASE INCIDENCE



RESULTS SUMMARY

- + BotryStop WP applied weekly at 3-4 lb/acre reduces disease incidence
- + Incorporating BotryStop WP as a rotational partner with standard chemical programs to reduce total chemical applications resulted in similar Botrytis control, while reducing the risk of disease resistance

GOING ABOVE AND BEYOND

At BioWorks, we not only help eradicate harmful diseases and pests that threaten your crops, but we design and support integrated plant health management programs. And because we know how quickly some diseases can work, we respond to any questions you might have in just 48 hours. So you can get back to the business of successful growing.



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