

SUPPLEMENTARY DATA

Krutzler, M., Brader, G., Menhart, K., Madercic, M., & Riedle-Bauer, M. (2024). Efficacy evaluation of particle films as oviposition deterrent against *Drosophila suzukii* in Austrian vineyards. *OENO One*, 58(3).
<https://doi.org/10.20870/oeno-one.2024.58.3.8012>

Supplementary data

Supplementary Figure A1. Aerial view of the vineyard in Schloßberg, 2019.



Solid lines depict the borders of the vineyard and of the two treatment plots (A, B), including two repetitions at distinct positions per treatment (1, 2). Framed dashed lines indicate sampling locations. A: SilicoSec-Wetcit; B: untreated control.

SUPPLEMENTARY DATA

Krutzler, M., Brader, G., Menhart, K., Madercic, M., & Riedle-Bauer, M. (2024). Efficacy evaluation of particle films as oviposition deterrent against *Drosophila suzukii* in Austrian vineyards. *OENO One*, 58(3).

<https://doi.org/10.20870/oeno-one.2024.58.3.8012>

Supplementary Figure A2. Aerial view of the vineyard in Schloßberg, 2020.



Solid lines depict the borders of the vineyard and of the four treatment plots (A, B, C, D), including two repetitions at distinct positions per treatment (1, 2). Framed dashed lines indicate sampling locations. A: SilicoSec-Wetcit; B: untreated control; C: SilicoSec-Helioterpen-Vitisan; D: SpinTor + SilicoSec-Helioterpen-Vitisan.

SUPPLEMENTARY DATA

Krutzler, M., Brader, G., Menhart, K., Madercic, M., & Riedle-Bauer, M. (2024). Efficacy evaluation of particle films as oviposition deterrent against *Drosophila suzukii* in Austrian vineyards. *OENO One*, 58(3).

<https://doi.org/10.20870/oeno-one.2024.58.3.8012>

Supplementary Figure A3. Aerial view of the vineyard in Schloßberg, 2021.



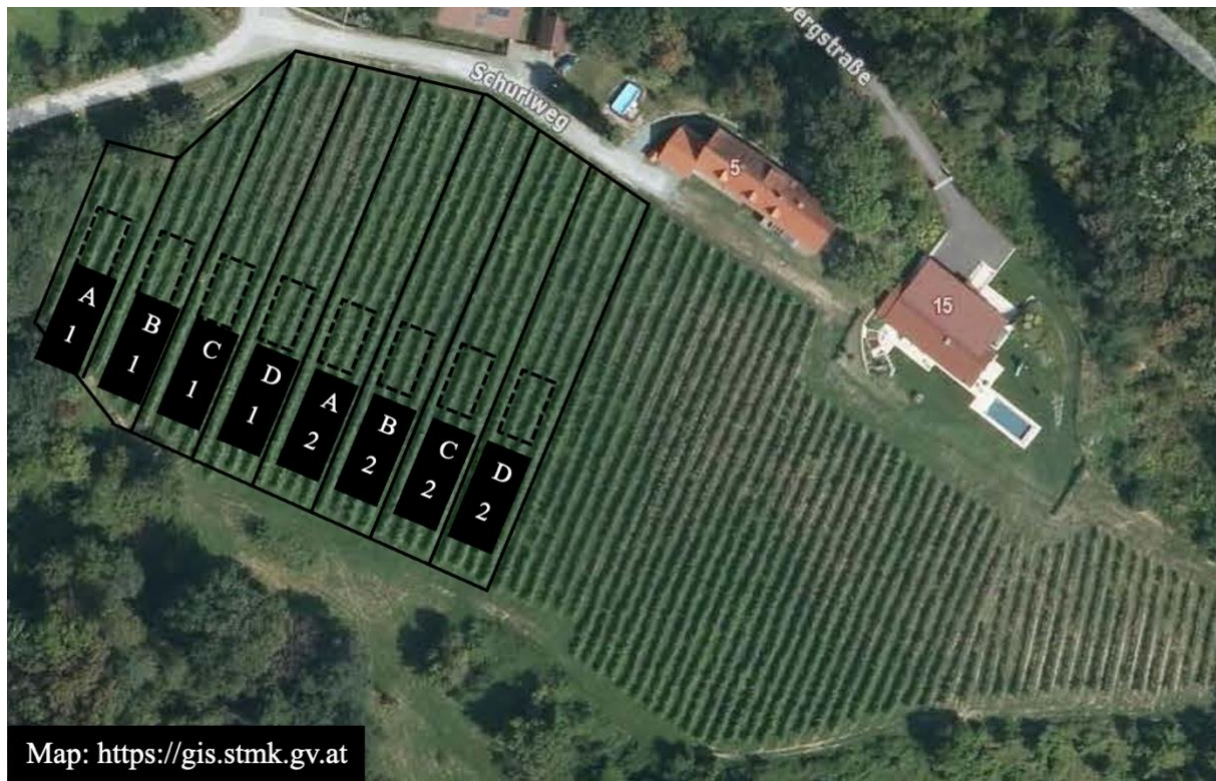
Solid lines depict the borders of the vineyard and of the three treatment plots (A, B, C), including two repetitions at distinct positions per treatment (1, 2). Framed dashed lines indicate sampling locations. A: SilicoSec-Wetcit; B: untreated control; C: Surround-Wetcit.

SUPPLEMENTARY DATA

Krutzler, M., Brader, G., Menhart, K., Madercic, M., & Riedle-Bauer, M. (2024). Efficacy evaluation of particle films as oviposition deterrent against *Drosophila suzukii* in Austrian vineyards. *OENO One*, 58(3).

<https://doi.org/10.20870/oeno-one.2024.58.3.8012>

Supplementary Figure A4. Aerial view of the vineyard in Kaindorf, 2021.



Solid lines depict the borders of the vineyard and of the four individual treatment plots (A, B, C, D), including two repetitions at distinct positions per treatment (1, 2). Framed dashed lines indicate sampling locations. A: Untreated control; B: SilicoSec-Wetcit; C: SpinTor; D: Surround-Designer-Nu Film.

SUPPLEMENTARY DATA

Krutzler, M., Brader, G., Menhart, K., Madercic, M., & Riedle-Bauer, M. (2024). Efficacy evaluation of particle films as oviposition deterrent against *Drosophila suzukii* in Austrian vineyards. *OENO One*, 58(3).
<https://doi.org/10.20870/oeno-one.2024.58.3.8012>

Supplementary Figure A5. Aerial view of the vineyard in Schloßberg, 2022.



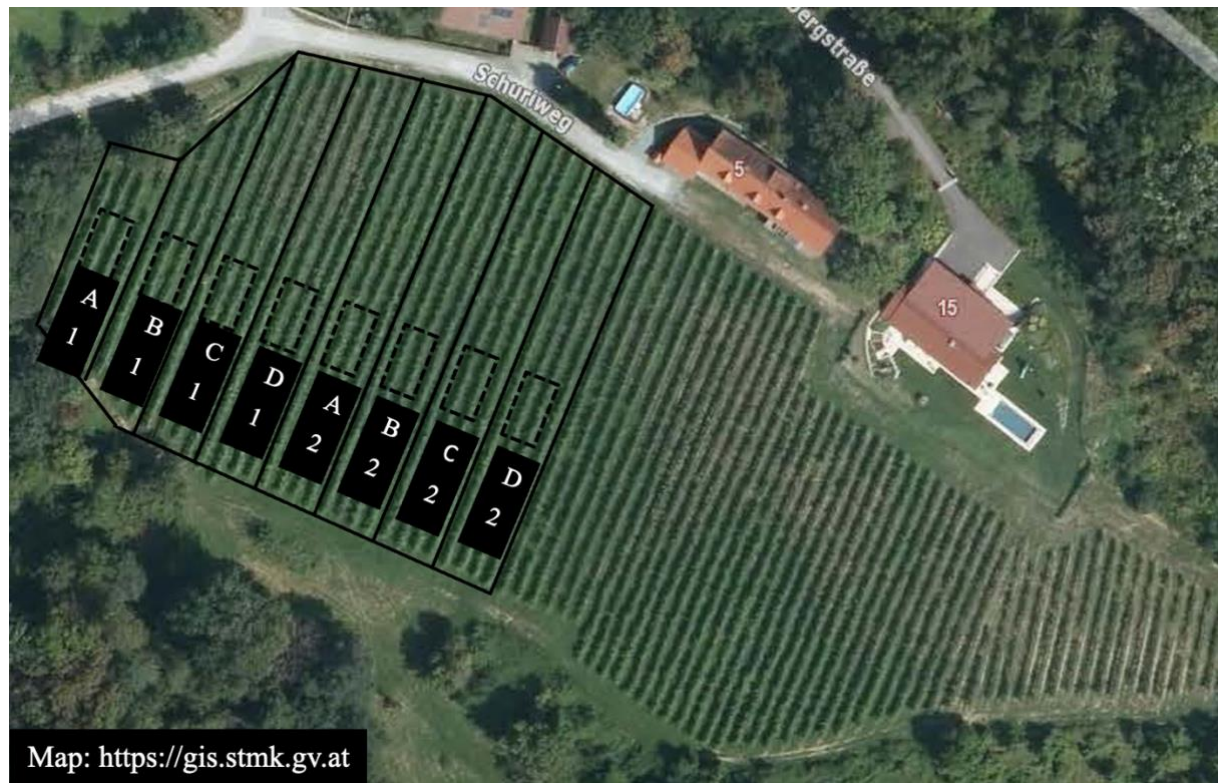
Solid lines depict the borders of vineyard and of the three treatment plots (A, B, C), including two repetitions at distinct positions per treatment (1, 2). Framed dashed lines indicate sampling locations. A: SilicoSec-Wetcit; B: untreated control; C: Surround-Wetcit.

SUPPLEMENTARY DATA

Krutzler, M., Brader, G., Menhart, K., Madercic, M., & Riedle-Bauer, M. (2024). Efficacy evaluation of particle films as oviposition deterrent against *Drosophila suzukii* in Austrian vineyards. *OENO One*, 58(3).

<https://doi.org/10.20870/oeno-one.2024.58.3.8012>

Supplementary Figure A6. Aerial view of the vineyard in Kaindorf, 2022.

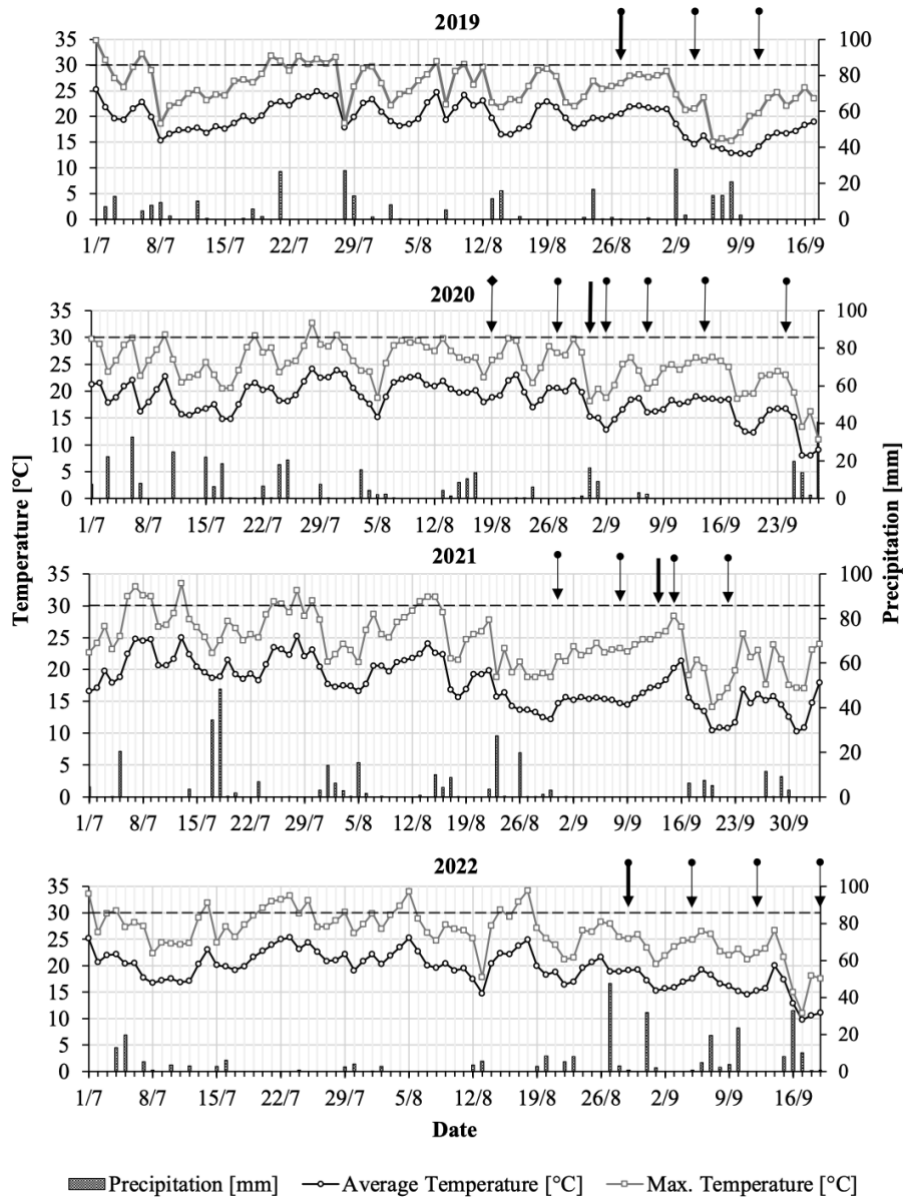


Solid lines depict the borders of the vineyard and of the four individual treatment plots (A, B, C, D), including two repetitions at distinct positions per treatment (1, 2). Framed dashed lines indicate sampling locations. A: Untreated control; B: Mica G-Designer-Nu Film; C: SpinTor; D: Surround-Designer-Nu Film.

SUPPLEMENTARY DATA

Krutzler, M., Brader, G., Menhart, K., Madercic, M., & Riedle-Bauer, M. (2024). Efficacy evaluation of particle films as oviposition deterrent against *Drosophila suzukii* in Austrian vineyards. *OENO One*, 58(3).
<https://doi.org/10.20870/oeno-one.2024.58.3.8012>

Supplementary Figure B1. Environmental conditions in Schloßberg in 2019-2022 starting in July until the end of the field trails.

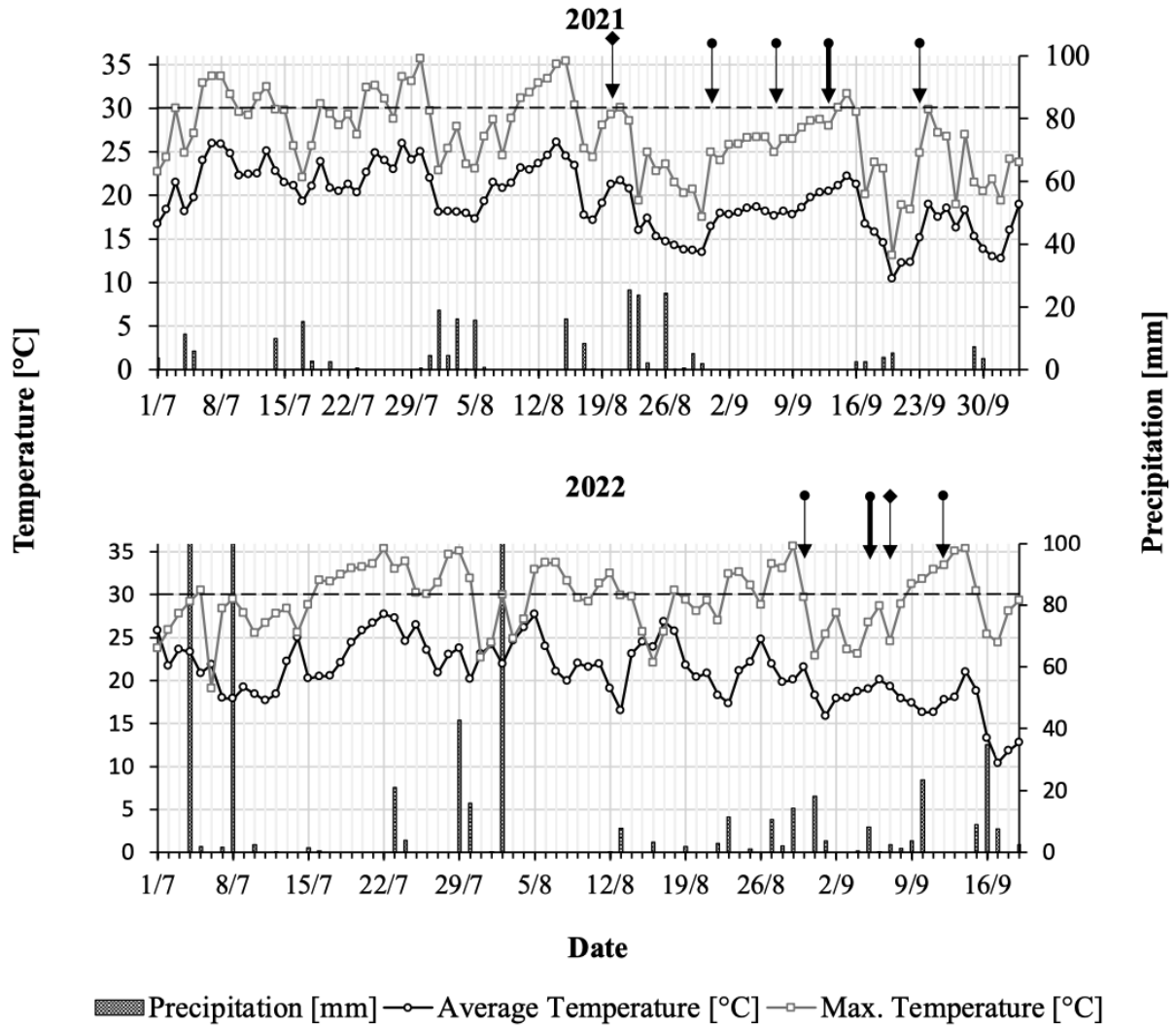


Arrows with a bold line segment indicate the start of the field trial, arrows with a thin line segment indicate application of treatments. Diamonds at the rear end of the line segment refer to insecticide treatments, circles refer to particle film treatments. The dashed line visualises the 30 °C threshold.

SUPPLEMENTARY DATA

Krutzler, M., Brader, G., Menhart, K., Madercic, M., & Riedle-Bauer, M. (2024). Efficacy evaluation of particle films as oviposition deterrent against *Drosophila suzukii* in Austrian vineyards. *OENO One*, 58(3). <https://doi.org/10.20870/oeno-one.2024.58.3.8012>

Supplementary Figure B2. Environmental conditions in Kaindorf in 2021-2022 starting in July until the end of the field trails.



Arrows with a bold line segment indicate the start of the field trial, arrows with a thin line segment indicate application of treatments. Diamonds at the rear end of the line segment refer to insecticide treatments, circles refer to particle film treatments. The dashed line visualises the 30 °C threshold.

SUPPLEMENTARY DATA

Krutzler, M., Brader, G., Menhart, K., Madercic, M., & Riedle-Bauer, M. (2024). Efficacy evaluation of particle films as oviposition deterrent against *Drosophila suzukii* in Austrian vineyards. *OENO One*, 58(3).

<https://doi.org/10.20870/oeno-one.2024.58.3.8012>

Supplementary Table 1. Application dates of treatments between 2019 and 2022.

Vineyard	Treatment (abbreviation)	Application dates 2019	Application dates 2020	Application dates 2021	Application dates 2022
Schloßberg	Silicosec-Wetcit (Sil)	27.08., 04.09., 11.09.	27.08., 02.09., 07.09., 14.09., 24.09.	31.8., 8.9., 15.9., 22.9.	29.08., 05.09., 12.09., 19.09.
	SilicoSec-Helioterpen-Vitisan (Silvit)	-	27.08., 02.09., 07.09., 14.09., 24.09.	-	-
	SpinTor + SilicoSec-Helioterpen-Vitisan (Spin+Silvit)	-	19.08. + 27.08., 02.09., 07.09., 14.09., 24.09.	-	-
	Surround-Wetcit (Sur)	-	-	31.8., 8.9., 15.9., 22.9.	29.08., 05.09., 12.09., 19.09.
Kaindorf	Silicosec-Wetcit (Sil)	-	-	31.8., 7.9., 13.9., 23.9.	-
	Surround-Designer-Nu Film (Surdes)	-	-	31.8., 7.9., 13.9., 23.9.	30.08., 05.09., 12.09.
	Mica G-Designer-Nu Film (Micades)	-	-	-	30.08., 05.09., 12.09.
	SpinTor (Spin)	-	-	20.8.	07.09.