

Recommendations for Using Purshade for Sunburn and Heat Stress Protection



Crop	Label Rate	Recommended Application Frequency ¹	Typical Use Pattern for Mature Sized Crops
Apples	2–3 gal/acre	3–4 times per season or as needed; typically applied every 14–21 days.	First application before first heat event: 3 gal/acre. Subsequent applications: 2 gal/acre when fruit are susceptible.
Bananas ²	3%–5% solution	3 times per season or as needed	Each application: 1 gal/acre. 3–4 applications is typical.
Berries ^{2,3}	1–3 gal/acre	3 times per season	Each application: 1 gal/acre. Two applications may be sufficient; apply as needed.
Cherries	5 gal/acre	2 times per season	Each application: 2 or 3 gal/acre.
Citrus	2–3 gal/acre	3–4 times per season or as needed; typically applied every 14–21 days.	Each application: 2 gal/acre. Apply as needed based on growth and weather conditions.
Corn ²	1–2 gal/acre	1–2 times per season	Each application: 1 gal/acre. Apply 3–4 weeks prior to tassel. Second application at or just following tassel.
Cotton	1–2 gal/acre	2 times per season or as needed	Each application: 1 gal/acre. Make first application at full bloom or immediately following. Second application 18–25 days. Third application 18–25 days after the second spray (<i>note: may be applied with a PIX application</i>).
Grapes (Wine) ²	1–3 gal/acre	2–3 times per season	Each application: 1 or 1.5 gal/acre.
Melons	1–2 gal/acre	2 times per season or as needed	Each application: 1 gal/acre.
Onions	1–2 gal/acre	2 times per season or as needed	Each application: 1 gal/acre. 3–4 applications is typical.
Pears	2–3 gal/acre	3–4 times per season or as needed; typically applied every 14–21 days.	Each application: 2 gal/acre. Apply as needed based on growth and weather conditions.
Pineapples	1–2 gal/acre	2 times per season or as needed	Each application: 1 gal/acre. 3–4 applications is typical.
Pomegranates ²	2–3 gal/acre	3–4 times per season or as needed; typically applied every 14–21 days.	First application: 3 gal/acre. Subsequent applications: 2 gal/acre.
Rice ²	1 gal/acre	1 time per season	Application: 1 gal/acre. Make first application at flag leaf.
Tomatoes/Peppers	1–2 gal/acre	2 times per season or as needed	Each application: 1 gal/acre.
Tropical Trees ² (inc. mango, avocado)	2–3 gal/acre	3–4 times per season or as needed	Each application: 2 gal/acre. Apply as needed based on growth and weather conditions.
Tree Nuts (inc. walnuts)	2–3 gal/acre	3–4 times per season or as needed; typically applied every 14–21 days.	First application: 3 gal/acre. Subsequent applications: 2–3 gal/acre depending on number of applications.

Always Read and Follow Label Directions

¹ Frequency and rate should vary depending on environmental conditions, spray coverage achieved, crop growth, etc. The objective is to begin spraying before heat events occur and maintain uniform coverage on all plant surfaces (including newly emerged growth) during periods of high heat and light.

² Consult the label. Purshade and Purshade Ultra rates may vary.

³ Post-harvest wash is not typical. Discontinue use in ample time prior to harvest to ensure cosmetic residue on fruit is not problematic.

