Provysol™ Fungicide Citrus Crops Use Technical Profile

Target Diseases | Use Rate (fl oz/A) | Crop List
--- | --- | ---
Alternaria Brown Spot, Anthracnose, Blackspot, Greasy Spot, Melanose, Postbloom Fruit Drop, and Scab | 4-5 | Citrus Subgroups 10-10a, 10-10b, 10-10c: Calamondin; Citron; Citrus hybrids; Grapefruit (Grapefruit, Japanese Summer); Kumquat; Lemon; Lime (Lime, Australian Desert, Australian Finger, Australian Round, Brown River Finger, Mount White, New Guinea Wild, Russell River, Sweet, Tahiti); Mandarin (Mediterranean, Satsuma); Orange (Sour, Sweet, Tachibana, Trifoliate); Pummelo; Tangelo; Tangerine (Mandarin); Tangor; Uniq Fruit; Cultivars, Varieties, and/or hybrids of these

Active Ingredient:
Mefentrifluconazole

Chemistry Class:
Isopropanol azole

Mode of Action:
Demethylation inhibition
FRAC Group 3 (DMI)

Formulation:
Suspension concentrate
3.34 lbs a.i./gal

Application Tips
- Rotate Provysol fungicide with Headline® fungicide for effective disease control and resistance management
- Provysol fungicide should be applied preventively, prior to disease onset
- Thorough and uniform coverage for best performance
- Rainfast 1 hour after spray has dried

Pre-Harvest Interval: 0 days
Minimum Retreatment Interval: 14 days

Provysol Fungicide Controls Post-Bloom Fruit Drop and Keeps More Fruit on the Tree

![Graph showing comparison of PFD Button Count and Total Fruit among different treatments: Untreated, Headline® fungicide 15 oz, Ferbam™ fungicide 6 lb, Provysol fungicide 5 oz.](image)

2019 John Curtis, St. Lucie West, naval orange. Applications February 19, March 7 and March 30, 2019. All treatments with NIS adjuvant 0.125%. Button and fruit counts done June 12, 2019. Values presented are total/3 trees. BASF sponsored trial.
Provysol™ Fungicide – Built to Last

**Residual Control:** Provysol fungicide provides a FRAC Group 3 alternative for effective control of post-bloom fruit drop

**Resistant Diseases:** The isopropanol azole link in Provysol fungicide allows its a.i. molecule to flex for better control of resistant fungal strains
- Stronger site of action enzyme attachment
- Adaptable shape for better fit in the enzyme binding pocket

**Regulatory Standards:** Modern and global registration strategy for long-term Provysol fungicide availability and improved crop marketing flexibility

---

**Provysol Fungicide for Control of Post-Bloom Fruit Drop and Higher Fruit Quality**

![Graph showing fruit distribution and treatment effects](image)

- Untreated
- Headline® fungicide 15 oz
- Ferbam™ fungicide 6 lb
- Provysol fungicide 5 oz

2019 John Curtis, St. Lucie West, naval orange. Applications February 19, March 7 and March 30, 2019. All treatments with NiS adjuvant 0.125%. Button and fruit counts done June 12, 2019. BASF sponsored trial.

---

**Provysol Fungicide Contains Revysol® Fungicide – The First and Only Isopropanol Azole**

Isopropanol link is unique to Revysol fungicide

The Revysol fungicide isopropanol link can flex to maximize binding pocket fit and control variable diseases.

---

To learn more about crop protection products from BASF, visit [www.agproducts.basf.us](http://www.agproducts.basf.us)