

SUNSHINE™ label

ACTIVE INGREDIENT:

1% epibrassinolide

INACTIVE INGREDIENTS:

98% isopropyl alcohol

1% other ingredients

Non-GMO

FORMULATION

Active ingredient epibrassinolide can increase synthesis of IAA, ABA and ethylene, promote individual cell expansion, and thus enhance plant growth. Molecular formula: C₂₈H₄₈O₆

DERIVED FROM:

Synthetically prepared 24-epibrassinolide belongs to a class of brassinosteroids and is identical in all respects to naturally occurring plant growth hormone extracted from plant pollen.

DETAILS AND USAGE

SUMMARY

SUNSHINE™ is a plant stress reliever that can bring back and keep the vigor to a stressed plant. It has a broad spectrum of stimulative and protective activities.

ACTIONS

Improves:

- immunity of a plant, resistance to pests and diseases
- resistance to stresses such as drought, cold, low light, low humidity, high salinity, lack of nutrients
- quality/weight of a fruit and its setting rate
- flowering profusion and tuber formation

Stimulates:

- physiological processes and growth of a plant (all parts), shortening time of maturity
- root development in cuttings, new roots and healing of damaged roots on bare-rooted are transplanted plants
- seed germination rate

Special effects:

- effective post-transportation treatment to help plants to recover from transportation stress
- diminishes disease injury, can inhibit aging and break dormancy
- induces hermaphrodite or female flower
- makes leaves look healthy and shiny
- gives more chances to bring a plant back to life within hours/days

DIRECTIONS AND APPLICATION

MIXING

Try to avoid mixing it with any other chemicals, fertilizers or pesticides. If sprayers were used previously for others chemicals, they must be washed with fresh water.

WHEN AND HOW

Better results are obtained when young plants are treated. The formula works through plant metabolism within 2-4 days, repeat application not sooner than in one week. During hot season, apply during cooler time of the day, early morning or evening hours.

APPLICATION: DILUTION, CONCENTRATION, AND FREQUENCY

For best results, dilute SUNSHINE™ in distilled water. Use solution for soaking (seeds, bulbs, cuttings) or foliar spray. The formula is created for absorption through foliage, not roots. Do not spray if rain is expected. Re-spray if it rains within 12 hours.

1 ml to 1 gal

Seeds before sowing soaking for 4-8 hrs

3 ml to 1 gal

- Herbaceous plants at beginning of flowering
- Vegetables at flowering or tuber set every 20 days
- Seedlings once a week to promote rapid growth/roots
- Cuttings before planting soaking for 12 hours
- Bare-rooted plants before planting soaking for 15-30 min, foliar spray at potting
- Pre-treatment before stress - cool/drought period or transportation, 1-2 days prior
- Stressed plants after transportation or re-potting every 7-10 days until recovered

3 ml to 1 pint

- Caudex forming plants and bonsai once a month to promote caudex forming, branching after pruning
- Bulbs and tubers before planting soaking for 24 hours

5 ml to 1 pint

- Blooming woody shrubs, trees, vines at budding

5 ml to 1 gal

- Fruit trees at budding / after flowering every 20 days

CAUTIONS

SUNSHINE™ is not considered a hazardous substance. However due to alcohol content, it may be harmful by inhalation, ingestion or skin absorption. Avoid contact with skin and eyes. Do not swallow.

Flammable. Keep out of reach of children and away from fire source.

Keep containers closed, wash hands after handling.

PACKAGING and AVAILABLE SIZES

Available in 5 ml, 50 ml, and 100 ml drop-bottles.

SHELF LIFE AND STORAGE

Best used within 2 years of purchase. Product will last for many years (8+) if refrigerated at 35-45F.

MANUFACTURER

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