

GROWTH

Application	Product	How to Apply
Boosts Seeds	Epsom Salts	<p>Before planting seeds, add 1 tablespoon of epsom salts to each hole.</p> <p>For grass and wildflowers, add 1 cup epsom salts per 100 square feet, blend into soil, and water thoroughly.</p> <p>Reapply every month during growing season.</p>
Calcium Provider (Fertilizer)	Calcium Chloride / Calcium Nitrate	<p>For soil conditioning, use 2 handfuls of calcium chloride per sq. m. For young plants, use 1 handful of calcium chloride per sq. m.</p> <p>For top dressing, sprinkle a thin layer of calcium nitrate and top soil around the plant area. For side dressing, sprinkle an even layer about 2-5 inches away from the plant's stem.</p>
Fertilizer	Urea	<p>Should be applied at time of sowing, avoiding contact with seeds.</p> <p>Use in combination with earth/sand before application.</p> <p>Do not apply when soil contains free water or is likely to remain wet for 3-4 days.</p>
Foliar Feeding	Copper Sulphate	<p>Mix 1 tablespoon of copper sulphate with one gallon of water and spray on the leaves of the plant with 1L of water.</p>
Foliar Spray	Urea	<p>Dissolve in water/irrigation systems.</p> <p>Use 1 tablespoon of urea per gallon of water for a 0.5% concentrated solution.</p> <p>Use 4 tablespoons per gallon of water for a 2% concentrated solution.</p> <p>Shake well to dissolve granules and lightly spray leaves.</p>
Mineral Provider (Fertilizer)	Copper Sulphate	<p>Use ¼ teaspoon per plant for 3 weeks during growing season</p>
Nutrient Absorbant	Epsom Salts	<p>Mix 1 tablespoon of epsom salts in a gallon of water, and water plants twice a month.</p>

Prevents Calcium Deficiency	Calcium Nitrate	Dissolve 2-4 tablespoons of calcium nitrate in 1 gallon of water. Apply to plants every week for 4 weeks.
Soil Drenching	Copper Sulphate	Dissolve 1 pound of copper sulphate in 5 gallons of water and pour around the base of the plant. Repeat this process every 4-6 weeks through growing season.
Vegetable Garden Use	Urea	Urea can be incorporated into soil during a tillage operation/can be blended into soil with irrigation water.

PROTECTION

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Blossom End Rot (Tomato), Bitter Pit, and Cork Spot-Foliar Spray	Caclium Nitrate	Mix 4 tablespoons of calcium nitrate per gallon of water. Apply directly to the root zone. Or dissolve 1 tablespoon of calcium nitrate per 1L of water. Remove affected fruits, then spray plant's leaves and stems.
Control Fruit Plants (e.g. Apple Scab etc.)	Copper Sulphate	Mix 3 tablespoons of copper sulphate per gallon of water. Spray affected fruit plants every 7-10 days.
Fungus Gnat Prevention	20% Acetic Acid	Mix 1 part acetic acid with 2 parts water. When the soil is dry, spray directly onto plant leaves and soil.
Prevent Plant Disease	Calcium Hydroxide	Add 2 teaspoon of calcium hydroxide to 500ml water. Spray onto plant.
Prevents Root Shock	Epsom Salts	Mix 1 tablespoon of epsom salt per litre of water and apply to the roots of a newly replanted plant until saturated.
Slug Deterrent	Epsom Salts	Sprinkle a ring of epsom salts around the base of the plant.
Weed Control	20% Acetic Acid	Spray acetic acid directly onto the leaves to ensure complete saturation and minimal run-off.

CONTROL

Application	Product	How to Apply
Clean Garden Tools	20% Acetic Acid	Place tools in a bucket and cover with vinegar. Allow to soak for 24 hours, then scrub and rinse.
Decrease Soil Acidity	Calcium Hydroxide	Mix thoroughly with top soil layers.
Flavour Booster	Epsom Salts	Mix 1 tablespoon of epsom salts with 1 gallon of water and apply generously to the bed of the fruit and nut tree roots, vines, and berries.
Foliar Spray	Urea	Dissolve in water/irrigation systems. Use 1 tablespoon of urea per gallon of water for a 0.5% concentrated solution. Use 4 tablespoons per gallon of water for a 2% concentrated solution. Shake well to dissolve granules and lightly spray leaves.
Greening Grass	Iron Sulphate	Use 1-2g of iron sulphate per 1L water. Cover lawn with 1L solution per 1 sq. m.
Preventing Nutrient Imbalances	Calcium Nitrate	Dissolve 2-4 tablespoons of calcium nitrate in 1 gallon of water. Apply to plants every week for 4 weeks.
Reviving Lawns	Urea	Cover damp soil evenly with urea fertiliser, then water the area heavily. Use 15-30g/m ² a solid top dressing. As a solution apply 5-10g/m ² . At this rate, 1kg will fertilise an area of 200m ² .
Seed Germination	Epsom Salts	Prep garden soil by sprinkling up to 1 cup of epsom salt per 100 square feet. Then work it into soil before seeding or planting.
Vegetable Garden Use	Urea	Urea can be incorporated into soil during a tillage operation/can be blended into soil with irrigation water.