



*Advanced Microbial Inoculant for Soil
Restoration and Resilience*

USER INFORMATION GUIDE

What is SoilSafe G+?

SoilSafe G+ is a next-generation microbial biostimulant engineered to detoxify glyphosate and a wide range of agricultural chemicals while rebuilding soil health. It delivers a powerful blend of beneficial microbes selected for their ability to degrade chemical residues, restore microbial biodiversity, and promote nutrient cycling. The “G” stands for glyphosate, and the “+” reflects its expanded detox capability for multiple synthetic residues. Key Benefits

- ✔ Rapidly degrades glyphosate and other pesticide residues
- ✔ Enhances nutrient bioavailability and soil structure
- ✔ Stimulates beneficial microbial diversity and rhizosphere health
- ✔ Improves crop vigor, resilience, and root development
- ✔ Supports regenerative, organic, and transition farming systems
- ✔ Targets chemical-impaired and biologically degraded soils

Core Ingredients

- ✔ **SoilShield™ -15 Base (20%):** A proven microbial support matrix that enhances colonization and persistence.
- ✔ **NutriCarrier™ Broad Spectrum Microbial Blend:** High-potency strains of bacteria and fungi for residue degradation, soil detoxification, and nutrient cycling.
- ✔ **Potency:** ≥ 10 trillion CFU per 100 grams (1×10^{13} CFU/100 g) for maximum effectiveness in harsh or degraded environments.

Uses

Ideal for:

- ✔ Conventional and organic row crops
- ✔ Post-herbicide recovery programs
- ✔ Transitioning farms (conventional to regenerative/organic)
- ✔ Contaminated soils (glyphosate, 2,4-D, atrazine, etc.)
- ✔ Compost enhancement and residue degradation



Application Methods

SoilSafe G+ is adaptable to most application methods, including as a soil drench (row crops, gardens, greenhouses), foliar spray (early morning or evening for best absorption), root dip, and soilless or hydroponic systems. The soluble powdered formulation improves ease of handling and mixing.

General Application Rates

Soil Drench

Product Dose	Water /Acre (Minimum)	Use Case
10 Grams/acre	10 - 12 Gallons	Maintenance or low-load fields
15 Grams/acre	12 - 16 Gallons	Standard field detox & rejuvenation
20 Grams/acre	16 - 24 Gallons	Intensive remediation or stressed soils

Foliar Spray

Product Dose	Water/Acre (Minimum)	Frequency	Notes
10 grams (~0.4 oz) each acre	10 Gallons	14 - 21 days	Apply early morning/late afternoon

Fertigation

Product Dose	Water (Minimum)	Frequency	Timing
10 grams (~0.4 oz) each acre	10 Gallons	Every 14-21 Days	Best during low-heat periods

Advanced Application Types

- ✔ **Soil Pre-Treatment:** 10–20 g/acre, 5–7 days pre-plant
- ✔ **Root Dip:** 1.5 g/gallon—dip roots pre-transplant
- ✔ **Compost Activation:** 2 g/gallon—speeds decomposition and boosts microbial maturity

Instructions for Use

- ✔ Mix with clean, dechlorinated water (pH 6.0–7.5 ideal)
- ✔ Agitate gently for even dispersion
- ✔ Use within 6–12 hours after mixing
- ✔ Apply in cool, calm conditions (morning/evening)
- ✔ Avoid rainfall or irrigation immediately after application

Storage:

- Store dry in sealed packaging, out of sunlight and moisture
- Shelf life: 30+ months under ideal conditions
- Do not expose to high heat or freezing
- Use PPE (gloves, dust mask) when handling dry product
- Non-toxic; not for ingestion or human/animal consumption

By following these best practices, users can fully harness the synergistic effects of SoilSafe G+ to regenerate soils, support healthy crops, and build long-term agricultural SoilSafe G+.



Product Compatibility

- ✔ Safe for organic systems
- ✔ Tank-mix compatible with compost teas, molasses and most organic fertilizers and herbicides
- ✔ Avoid chlorinated water or synthetic biocides during application

Safety Notes

Non-toxic and safe when used as directed. SoilSafe G+ is composed of naturally occurring microbial and organic components that are generally recognized as safe for use in agricultural and horticultural settings.

Use personal protective equipment (PPE) such as gloves and a dust mask when handling the dry product, especially in enclosed or poorly ventilated areas, to avoid respiratory or skin irritation due to dust.

Avoid contact with eyes and open wounds. In case of contact, rinse thoroughly with clean water. If irritation persists, seek medical advice.

Keep out of reach of children and pets. While non-hazardous, the concentrated microbial content should not be ingested or inhaled unnecessarily.

For external use only. Do not ingest. This product is not intended for human or animal consumption.

Wash hands thoroughly after handling the product or application equipment.

Store in original packaging in a cool, dry location away from direct sunlight, moisture, or volatile chemicals.

Dispose of unused or expired product in accordance with local agricultural or organic waste guidelines.

Frequently Asked Questions (FAQs)

- ✔ **Q: Can I use SoilSafe G+ with herbicide-treated fields?**
A: Yes, it is specifically designed to detox residues like glyphosate, atrazine, and 2,4-D.
- ✔ **Q: Is it safe for all crop types?**
A: Yes. Use for grains, vegetables, orchards, turf, and more.
- ✔ **Q: Will it clog nozzles or irrigation lines?**
A: No, when mixed properly and used with ≥200-micron filters.
- ✔ **Q: Can I mix with fertilizers?**
A: Yes, but jar test unfamiliar combinations before large-scale use.
- ✔ **Q: Is SoilSafe G+ certified organic?**
A: It uses organic-compliant inputs. Check with your certifier for program compatibility.

Contact & Support

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