

Soil Sample Preparation for Glyphosate Testing

Accessory Pack Contents:

- 1 – Soil Extraction Solution (25 mL)
- 10 – 3 mL droppers
- 5 – Vial #5 (empty)
- 1 – User's guide/flow chart

Material Needed (not included in Kit):

- Distilled water

Please remove GlyphoCheck Kit and Soil Sample Preparation Accessory Pack contents from packages and read the User's guides before proceeding.



Danger: Corrosive

Soil Extraction Solution contains lye, which causes severe eye, skin, and respiratory tract burns.

Prevention

Do not breathe mists. Wash skin and eyes thoroughly after handling. Wear protective gloves and clothing, and eye and face protection. Keep only in original container. Do not use in aluminum containers.

Response

If swallowed: Rinse mouth. Do NOT induce vomiting. **If in eyes:** Rinse cautiously with water for several minutes.

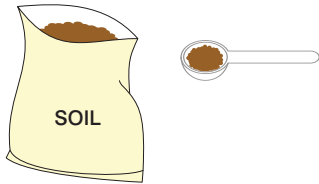
Remove contact lenses, if present and easy to do. Continue rinsing. **If on skin or hair:** Take off immediately all contaminated clothing. Rinse skin/hair with water/shower. Wash contaminated clothing before reuse. **If inhaled:** Remove person to fresh air and keep comfortable for breathing.

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Absorb spillage to prevent material damage. Dispose of liquid waste in sink with plenty of running water.

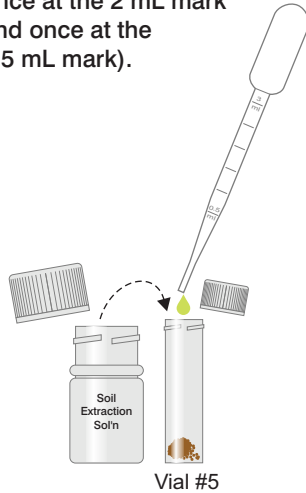
1. Use scooper from GlyphoCheck Kit to collect soil/dirt, fill until level at the top, scraping off excess if necessary.



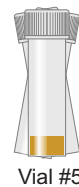
2. Add one (1) scoop of soil/dirt to vial #5 from the Soil Accessory Pack.



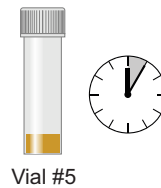
3. With the 3 mL graduated dropper from the Soil Accessory Pack, remove/measure 3.5 mL of soil extraction solution included in the accessory pack and add to vial #5 (Need to draw up twice: once at the 2 mL mark and once at the 1.5 mL mark).



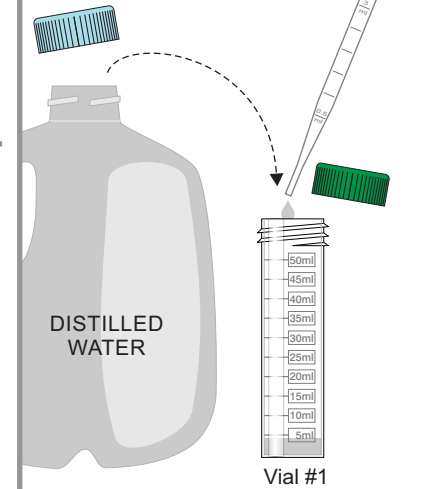
4. Cap vial and shake occasionally for 30 seconds during the 30 minutes extraction period.



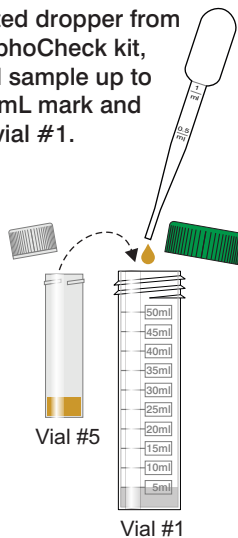
5. After 30 minutes, let sample settle for at least 5 minutes.



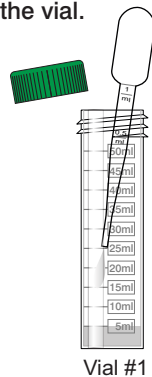
6. With a new, clean (not used) 3 mL graduated dropper from the Soil Accessory Pack, add 4.5 mL of distilled water to vial #1 (need to draw up twice: once at the 2.5 mL mark and once at the 2 mL mark).



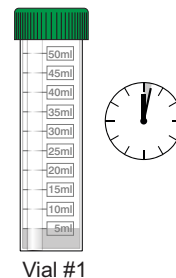
7. With the 1 mL graduated dropper from the GlyphoCheck kit, draw/fill sample up to the 0.5 mL mark and add to vial #1.



8. Mix with dropper by squeezing the bulb a few times and then empty the contents of the dropper into the vial.



9. Cap the vial and mix for 30 seconds. Let sample settle for at least 2 minutes.



10. Proceed to the Sample Testing Instructions from the GlyphoCheck kit with your diluted sample (vial #1) and the used 1 mL graduated dropper.

