

Brandt 52 Pickup

Flowable Charcoal Deactivator

Product Data Bulletin

Features

- Protects and enhances turfgrass growth and vigor
- Decontaminates soil where pesticides have been applied
- Effectively ties up organic toxins

BRANDT 52 PICKUP is a flowable suspension of activated carbon manufactured specifically for agricultural applications. It is widely used in agriculture as a soil amendment to protect and enhance plant and turfgrass growth and vigor.

BRANDT 52 PICKUP effectively ties up organic toxins such as herbicides from soils to provide a safe environment for new or existing root systems. BRANDT 52 PICKUP can be used to protect plants from herbicide spills or over applications. It can also decontaminate soil to allow replanting where pesticides or herbicides have been applied. The use of BRANDT 52 PICKUP can ensure better and more even germination to turf areas treated by pre-emergent herbicides when overseeding.

BRANDT 52 PICKUP can be used on hydraulic fluids, some petroleum products, organic pesticides, herbicides and insecticides.

Application Recommendations

For Spills

Apply 32- 64 oz. per 1,000 sq. ft. of contaminated area. If spill is severe, apply full strength and wash into soil and root zone area 4-6 inches deep.

For Deactivating Turf Herbicides

Apply 32- 64 oz. of BRANDT 52 PICKUP in sufficient water for good distribution per 1,000 sq. ft. of turf area. Grass areas should be washed free of heavy charcoal deposits. Areas where herbicidal effect has been terminated may be seeded within 24 hours of application.

For Sprayer Cleaning/Neutralizing

After pesticide use, fill spray tank halfway with water, then add 1/2 gallon of BRANDT 52 PICKUP per 50 gallons of water. Fill the remainder of spray tank with water and circulate through the system for 10 minutes, and then the nozzles for another 10 minutes. Wash tank well with BRANDT NEUTRA CLEAN and rinse thoroughly. Drain system and rinse with clean water until all signs of BRANDT 52 PICKUP are gone.



Principal Functioning Agents

Activated Carbon*	15.0%
Constituents Ineffective as Spray Adjuvants	85.0%
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Total	100.0%

All ingredients are exempt from the requirements of a tolerance under 40 CFR 180.
*BRANDT 52 PICKUP contains 1.2 lbs of activated carbon per gallon.

How Does Brandt 52 Pickup Work?

The use of activated carbon or activated charcoal as it is commonly known is because of its ability to attract and hold a wide range of organic molecules on its surface. This process is known as adsorption. The ability to adsorb is directly related to the surface area and pore site distribution. The surface area of the carbon used in the manufacture of BRANDT 52 PICKUP is vastly increased over conventional charcoal by an additional process that honeycombs the charcoal further developing the pore structure. This process increases the surface area to such an extent that the contents of one liquid ounce of BRANDT 52 PICKUP would have more surface area than an entire football field. Because of the greatly increased surface area and pore size distribution, it is able to "tie-up" a wide range of organic pesticides.

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