

HOW-TO AVOID STALE FUEL

DAMAGE TO YOUR EQUIPMENT

We gathered some useful tips to help prevent fuel from going stale in your lawn and garden equipment, ensuring that your equipment operates smoothly and efficiently.

Fuel can get stale in lawn and garden equipment due to a process called oxidation, which occurs when the fuel is exposed to air for an extended period of time. As fuel oxidizes, its chemical composition changes, which can result in decreased performance and potential damage to the engine. Additionally, modern fuels often contain ethanol, which can absorb water from the air, leading to fuel separation and the formation of deposits that can clog fuel lines and carburetors.

USE FRESH FUEL

Purchase only the amount of fuel that you expect to use within 30 days to minimize the chances of fuel going stale. Avoid using fuel that has been sitting for months, as it is likely to have deteriorated.

USE ETHANOL-FREE FUEL

If possible, use ethanol-free gasoline in your lawn and garden equipment, as ethanol is more prone to absorbing water and causing fuel to go stale. Ethanol-free fuel is less likely to cause issues with fuel separation and deposits.

ADD A FUEL STABILIZER

Fuel stabilizers are additives that can help prevent fuel from going stale. They work by slowing down the oxidation process and reducing the formation of deposits. Follow the manufacturer's instructions for the proper amount of additive to add to your fuel.

STORE FUEL PROPERLY

Store fuel in approved containers that are tightly sealed to minimize exposure to air. Keep fuel containers in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid storing fuel for extended periods of time, and use older fuel first to ensure that you are using the freshest fuel available.

RUN THE EQUIPMENT REGULARLY

If possible, start and run your lawn and garden equipment every few weeks, especially during periods of prolonged storage. Running the equipment helps circulate fresh fuel through the system, preventing fuel from going stale and keeping the engine components lubricated.