



Gearing up for Winter

Fall Season Brings LOTS of Leaves!

Husqvarna's 125BVx is a revolutionary handheld **blower & vacuum** that combines high power with state-of-the-art ergonomic design. The blower tube is engineered to be in line with the handle, minimizing rotational force on the wrist. The length of the tube is also adjustable for best performance. The Fan Speed can be set for easier handling. The controls are well gathered & easy to access.

Stop switch automatically resets to the ON position for easier starting. Comes complete with a flare nozzle for higher air speed & a **Vac-Kit** for vacuuming/mulching lawn debris.



The 125BVx blower/vacuum is perfect for homeowner use!

Winterization of Your Outdoor Equipment

Winter will be arriving & with that brings the need to make sure that all of our outdoor lawn & garden equipment is properly prepared for safe storage. As a full service repair shop, we see an influx of equipment come in during the spring months for tune ups. Most of the troubles that are brought in could have been avoided with the proper tune up & storage preparation in the fall or winter.

Here are some tips to help you take care of your equipment:

- **Remove & sharpen blade(s).** When sharpening the blade, remove equal amounts of metal from each side of the blade. Use a blade balance to ensure that the blade is in balance. An out of balance blade cuts poorly & can damage the engine. Always replace a cracked blade.
- **Clean or replace air filter.** Foam filters can be washed with soap & water & reused. If your engine has a paper filter, replace with a new one.
- **Stabilize fuel.** Fuel can deteriorate in as little as 60 days causing gum & varnish build up in engines resulting in hard starting, poor performance, & reduced engine life. Add a good stabilizer to fresh fuel to prevent fuel deterioration. Then fill fuel tank. A full tank prevents water condensation from getting in the tank & causing corrosion.
- **Stabilize fuel in gas can.** The best practice is to treat fuel in your gas can each time you purchase it. This way you know your gas is always fresh.
- **Change spark plug & protect internal engine components.** While in storage, engine oil drains away leaving internal engine components exposed. This results in corrosion & metal-to-metal contact at start-up next spring.
- **Check drive belts.** Replace if worn or cracked.
- **Lubricate any grease fittings with lithium grease.**

Taking care of your equipment during the winter when you are not in a hurry to use it will save you time & money in the spring. Also, if your equipment actually needs repair, parts do not take as long to get in the winter!

Valley View Tractor & Equipment, Inc. has a full service repair & maintenance shop. Our Certified Technicians work on everything from lawn mowers (push to riders), trimmers, and blowers; to small farm equipment including tractors, implements, & small industrial equipment. **Feel free to contact us today to get your equipment ready & properly prepared for next spring!**



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SALES ~ SERVICE ~ RENTALS

Ethanol 101: 4 Main Problems & Their Solutions

What you need to know about Ethanol Blended Fuel (E5, E10, E15+) and the four main problems it causes.

Problem 1: Debris in Fuel Gums rapidly form in the fuel tank & fuel delivery systems as ethanol fuels age. However, ethanol is also a powerful solvent that will strip away & disperse this build up back into the fuel as large, performance-robbing particles. This leads to clogged filters, injectors, & carburetors.

Solution: An Enzyme Fuel Treatment, such as StarTron by StarBrite, has an enzyme that helps break down debris into sub-micron sized particles that can be easily burned during the combustion process, restoring full performance.

Problem 2: Excessive Water in the Fuel & Phase Separation Ethanol attracts moisture from the atmosphere, forming an ethanol/water solution mixed in the gasoline. Ethanol-blended fuel will naturally hold .5% water in suspension, but when water levels exceed this threshold, or when the fuel cools significantly, the water/ethanol mix drops out of suspension. This is phase separation. Excessive water in the fuel tank causes engines to run rough, stall, & can lead to internal damage to engine components. Ethanol provides a

significant amount of the fuel's octane, so when the ethanol/water solution separates & drops to the bottom of the tank, the remaining fuel is left without enough octane to properly operate the engine. Additionally, the ethanol/water solution can become partially combustible, which can lead to engine damage.

Solution: An Enzyme Fuel Treatment reduces interfacial surface tension between fuel & water. The molecular cluster size is greatly reduced, allowing more water to be dispersed throughout the fuel. These sub-micron sized droplets are safely eliminated as the engine operates. It also helps prevent phase separation by allowing more water to be burned off than with untreated fuel, drying out the tank & preventing water buildup.

Problem 3: Ethanol Fuels Break Down Quickly Over a short period of time ethanol fuel begins to break down. As ethanol & other components evaporate, the fuel loses octane & becomes "stale". This causes hard starts, pinging & engine knocks, which robs your engine of power & can cause damage.

Solution: A powerful Fuel Stabilizer will help prevent fuel breakdown for up to two years. This results in easier starts &

prevents pinging & knocking. The stabilizer will improve octane levels of sub-standard, non-spec or old fuel & in many cases can rejuvenate stale fuel, restoring it to serviceable condition.

Problem 4: Ethanol Causes Lost Power, Performance, & Decreased Fuel Economy. Ethanol fuel does not produce as much energy as traditional fuel. This results in inefficient combustion, decreased performance, reduced throttle response, & poor fuel economy.

Solution: An Enzyme Fuel Treatment helps break apart large clusters of fuel molecules, creating more surface area. This allows additional oxygen to react during combustion, which results in a more complete burn of the fuel, improved fuel economy, engine power, throttle response & reduced toxic emissions. The treatment will remove carbon deposits, keeping your engine clean & operating at peak performance.

Key Tip: When choosing an additive for your fuel, be aware that many contain alcohol. Adding more alcohol to ethanol fuels can lead to engine problems. Read the MSDS of any fuel additive before using it with ethanol fuel to ensure that no alcohol is in the additive.

Featured Item: Husqvarna 455 Rancher Chain Saw

- 20" Bar Length, 3.4 cu. in. (56 cc)
- 3.49 hp (2.6kW), 3/8" Chain Pitch
- Inertia Chain Brake
- **X-Torq:** High Performance engine reduces fuel consumption up to 20% and emissions up to 60%.
- **Smart Start:** One-Touch choke/stop control air purge &

decompression valve for easy starting.

- **Air Purge:** Removes air from carburetor & fuel system for easy starting.

\$399.95



Small Yard Or Several Acres - We've Got You Covered!