

“FreedomWeeder” Kills Weeds 3 Ways

“Our NEW 3-in-1 FreedomWeeder takes the back breaking work out of killing weeds around your home or farm,” says Johnny Tuttle, Tieton, Wash.

The new FreedomWeeder combines a trigger sprayer with a spot applicator and drizzle spout to make a very easy-to-use, lightweight applicator, says Tuttle, adding that there’s a live video demonstration at www.freedomweeder.com.

The patent-pending weed killer consists of a 44-in. long, slender translucent durable high impact tube. The spot applicator automatically dispenses herbicide each time you tap down on your target weed, making weed-killing quick and easy. The reservoir within the tube holds 20 oz., which means you can kill more than 500 weeds with just one tubefull.

FreedomWeeder benefits:

- Kill weeds without having to bend over, crouch down, or get on your knees.
- Use commercial, homemade or organic herbicide. The manufacturer recommends organic herbicide which is very effective but safe for people, pets, and the environment (with each purchase you receive Tuttle’s organic herbicide recipe).
- Allows the user three convenient methods to apply herbicide while killing weeds.

Spot applicator – killing a specific weed with pinpoint targeting accuracy.

Trigger Sprayer – killing all weeds in a general area.

Drizzle stream – great for killing weeds along the side of sidewalks, driveways, and patio crevices – no power edger needed.



FreedomWeeder hangs from handy storage clip (above) next to the newest product - a fertilizer applicator called Freedom Fertilizer.

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Anti-Shimmy Device For Narrow Front Tractors

“I drive my Deere narrow front-end tractor on paved roads, and the shimmy was really a problem until I figured out how to fix it,” says retired Maine farmer Lauris Bailey. “Before I built my anti-shimmy device, I tried letting air out of one of the front tires, out of both of the front tires, and I even removed one of the wheels. Nothing worked. It just made the tractor harder to steer at road speed.”

Bailey also talked to a tractor mechanic and looked at different aftermarket products to fix the shimmy problem, but couldn’t find a solution. Eventually he designed and built a bracket that mounts between the front wheels and holds a shimmy-shock stabilizer. Bailey says the device keeps a small amount of pressure on both of the wheels and holds them stable, especially when he drives at road speed on paved roads. Bailey’s device doesn’t hinder steering the tractor or cut down on the radius he can turn.

“People have looked at this setup and told me I should’ve patented it a long time ago,” Bailey says. “It’s really not that difficult to make if a person can cut a piece of flat metal to a template, drill a few holes, and mount it to the front spindle of the tractor.” Bailey says the concept should work on any Deere tractor with a standard narrow front end. He also thinks it would work on Farmall, Oliver, Case and other tractors with narrow fronts.

Contact: FARM SHOW Followup, Lauris Bailey, 173 Bailey Hill Road, New Sharon, Maine 04955 (ph 207 778-4005).



Introducing the EssenEx™ 300

We are excited to introduce the EssenEx™ 300 to our existing product line. This **three times** capacity product is not much more than double the price of the existing product. We have listened to customers wanting higher capacity and spent the last year and a half developing the model 300.

It’s a smart investment for entrepreneurs who make soaps, creams and other products, and growers of crops such as lavender and mint can use the extractor to do their own lab work to determine optimum harvest times.

“Initially we created this for the home market, for do-it-yourselfers who grow small amounts of essential oil containing plants,” says Bill Dean, one of the inventors. Since the introduction in 2012, kits are now being utilized as an analytical tool in laboratories, by growers for quickly analyzing crop yield, and now finding their way into school Science Classes (STEM Education).

The kit includes molds to freeze ice cores, which condenses the vapors produced when the plant material is in the microwave. The oil/water mix collects in a shielded beaker inside the extraction unit. When removed from the microwave, the oil containing liquid is poured into a separator flask to separate the oil and water.

Standard home microwave ovens work as long as they have enough vertical clearance to hold the 7” by 7” (180mm) or 8.5” by 9.5” (240mm) high extractor unit and a mug of water that is also used in the process.

The EssenEx™ 100 is the result of years of research by Bill and Dave and students at Oregon State University. The idea came from Dr. Dave Hackleman, (Co-Founder



with Dean) who was doing research for extracting oil for mint growers.

Watch our website for the EssenEx™ 300 as well as additional enhanced accessories for the EssenEx™ 100.

Since first published in Farm Show, kits have been shipped throughout the USA and 50 countries!

U.S. Patent 9,486,716 was issued November 2016. Additional International Patents Pending.

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