



Deere D tractors built after 1926 featured the side-mounted upward exhaust first designed by Sands.

Farmer's Idea Showed Up On **Production Model Deere D's**

Seventy-four years ago, Minnesosta farmer Henry Sands modified a brand new 1926 Deere Model D tractor to solve a simple yet important problem. His son Ray, who still owns the tractor, recently told us the story.

"Back in the early 1920's he used a steam engine to power a long belt that ran his threshing machine. A team of horses pulling the bundle wagon drew up next to the steam engine so the wagon could be unloaded into the thresher. The horses were used to the steam engine noise and stood there calmly. However, when my



Henry Sands' son still owns his dad's original Deere D with the shop-modified exhaust.

Dad bought a Deere D to power the thresher, it was much smaller than the steam engine and used a shorter belt. The horses pulling the bundle wagon had to stand right next to the tractor, whose exhaust pipe blew out the side of the tractor. The noise and exhaust from the tractor made the horses real jumpy," Sands says.

To solve the problem, his dad made an elbow and straight pipe for the D that diverted the exhaust upward instead of straight out the side. "Everyone who saw the idea thought it was very clever, including the local dealer, who told his Deere factory representative about the idea," Sands says. "A short time later the dealer, his factory rep, and a Deere engineer showed up at our farm, where the engineer measured and sketched a drawing of the upright exhaust. They thanked my dad for his time and idea, and my dad didn't think any more of it.

"When the calendar flipped over to 1927 the Deere dealer mentioned to my dad that new Deere D's would have an upward tending exhaust pipe, almost identical to the one Dad had made for his tractor," Sands says. "The dealer told him his idea had made the big time, but my dad never saw a penny of royalty and didn't even receive a thank you from the company." For the next 25 years, the upright exhaust was standard on Stoker D models. More than 160,000 were built from 1923 to 1953. (Lorn Manthey, Contributing Editor)

Dirt Doctor Prescribes "Naturally"

Howard Garrett is the Dirt Doctor to listeners and viewers of his podcast, radio show, website, Facebook page, YouTube channel and books. He prescribes all-natural solutions to tough questions on organic gardening, landscaping, pet health, and pest control, as well as how to live a healthier lifestyle.

Tune in to his Sunday morning radio show from 8 to 11 a.m. (CST) on over 200 stations across the country. You can also hear daily commentaries on many of the same radio stations. If you miss the weekly radio show, it can be replayed via any podcast app.

Garrett draws on his past experience in landscape contracting, greenhouse growing, golf course maintenance, and organic product development.

The Dirt Doctor website, as well as Garrett's nonprofit Texas Organic Research Center and his Organic Club of America, all offer links to news, articles and research related to organic and natural gardening. Videos cover a wide variety of subjects, such as the many uses of vinegar in gardening. (www.dirtdoctor.com).

Spilled Beans Saved By Shopping Cart

In the fall of 2020, a Minnesota farmer accidentally dumped about 30 bushels of soybeans on the ground beneath a large gravity box parked in his newly harvested bean field. With darkness and rain on the horizon. he thought briefly of using his frontend loader to dump the beans, field trash



and all, back into the wagon. Wisdom prevailed, and he drove Makeshift shopping cart sieve helped save 30 bu. of beans accidentally dumped on the ground.

his tractor back to its shed, where the headlights shined on a dusty old metal shopping cart sitting in the corner.

The next morning he pulled out the old cart and tied an old wire grate to the bottom of the cart with bailing wire to create a make-shift sieve. Then he positioned the cart over the top of his screened auger hopper. Hoping nobody would drive into the yard and think he was crazy, he dumped the trashy beans into the cart, one 5 gal. bucket at a time. With considerable shaking for assistance, his shopping cart sieve worked great, allowing the beans to fall into the hopper while the trash stayed in the cart

Over a beer that evening, he told a neighbor about his "invention" and how it saved him about \$300 worth of beans. The neighbor told him, "Why don't you send the story to FARM SHOW and see if they'll run it. Just make sure they don't use your name because you'll never hear the end of it."

Liberty Quotes

"Make men wise, and by that very operation you make them free. Civil liberty follows as a consequence of this; no usurped power can stand against the artillery of opinion.' William Godwin

"The life of the nation is secure only while the nation is honest, truthful, and virtuous." Frederick Douglass

"There is danger in the concentration of control in the television and radio networks; danger in the concentration of ownership in the press . . . and danger in the increasing concentration of selection by book publishers and reviewers and by the producers of radio and television programs." Eugene McCarthy

"The man who never looks into a newspaper is better informed than he who reads them: inasmuch as he who knows nothing is nearer to the truth than he whose mind is filled with falsehoods and errors." Thomas Jefferson

"The United States was supposed to have a limited government because the founders knew government power attracts demagogues and despots as surely as horse manure attracts horseflies." *Rick Gaber*

"If you are afraid to speak against tyranny, then you are already a slave." John "Birdman" Bryant

"The press was protected so that it could bare the secrets of the government and inform the people. Only a free and unrestrained press can effectively expose deception in government. And paramount among the responsibilities of a free press is the duty to prevent any part of the government from deceiving the people." Justice Hugo L. Black

"The true patriot scrutinizes the actions of his own government with unceasing vigilance. And when his government violates the morality and rightness associated with principles of individual freedom and private property, he immediately rises in opposition to his government." *Jacob G. Hornberger*

"Laws are like cobwebs which may catch small flies, but let wasps and hornets break through." Jonathan Swift

How To "Get" More FARM SHOW

If you can't get enough of the kind of "made it myself" inventions and ideas featured in FARM SHOW, you should check us out on the internet. Here are some "places" where you can go. Just search for "FARM SHOW Magazine" at each of these sites to find videos, stories and other related material. It's also a great way to connect with other like-

- 1. FarmShow.com videos related to recent stories and archives of all 44 years of FARM SHOW
- 2. YouTube.com new videos posted every week
- 3. Facebook.com multiple posts weekly of FARM SHOWrelated material
- 4. Pinterest.com readers can "pin" FARM SHOW-type stories and ideas here
- 5. **Twitter.com** posts from several of our social media sites are "tweeted" here daily
- $6. \ BestFarmBuys.com \ \& \ Antique Farm Equipment.com \$ two free classified ad sites run by FARM SHOW are visited by thousands of farmers and ranchers every month.
- 7. FREE Bi-Weekly Newsletter Go to farmshow.com to sign up for our fun newsletter full of shop tips, recipes, jokes, liberty quotes, and special offers you won't get anywhere else.

Points To Ponder

- "It is better to be hated for what you are than loved for what you are not." Andre Gide
- · "The highest reward for man's toil is not what he gets for it, but what he becomes by it." John Ruskin
- · "Mastering others is strength. Mastering yourself is true power." Lao-Tzo
- · "If we are ever in doubt about what to do, it is a good rule to ask ourselves what we shall wish on the morrow that we had done." John Lubbock
- · "Do the right thing. It will gratify some people and astonish the rest." Mark Twain
- · "The most common way people give up their power is by thinking they don't have any." Alice Walker
- · "Unjust laws exist. Shall we be content to obey them or shall we endeavor to amend them, and obey them until we have succeeded, or shall we transgress them at once? Henry David Thoreau
- "One who deceives will always find those who allow themselves to be deceived." Niccolo Machiavelli
- · "It is discouraging to think how many people are shocked by honesty and how few by deceit." Noel Coward
- · "That's a valiant flea that dares eat his breakfast on the lip of a lion." William Shakespeare
- · "It's during our darkest moments that we must focus to see the light." Aristotle
- "One of the hardest things to teach a child is that the truth is more important than the consequences." O.A. Battista

Ole and Sven were having an adult beverage when Ole said, "Ya know, my wife Lena says I yus don't lissen as vell as a I used to.

Sven said, "Dat's nottin new, and I've got da perfect answer for ya.'

Vats dat den?" asked Ole.

"Vell, yust tell her dat you lissen, but yew're done lissenin vay before she's done talkin."

Ole was training to be a police officer. During one of his training sessions the instructor asked him, "What would you do if you had to arrest your wife?"

Ole quickly replied, "I'd call fer backup!"

Lena and her young daughter Eva were out Christmas shopping when Lena spotted an expensive fur coat. She told Eva, "Dis year I tink I vill buy my own present instead of making yew and dad shop fer me. And I tink dis fur coat vould be perfect."

Little Eva said, "But Mama, some helpless, poor creature had to suffer so dat you could haf dis coat."

Lena replied, "Don't worry Eva. Yer fadder won't get da bill fer a couple of veeks."

Lena went to the police station with her next-door neighbor, Olga, to report that her husband was missing. The policeman asked for a description.

Lena said, "He's 35 years old, 6 ft. tall, has dark eyes, dark wavy hair, an athletic build, veighs 185 lbs., is soft-spoken, and is good tew da children."

The neighbor Olga protested, "But Lena. Yer husband Ole is 5 1/2 ft. tall, chubby, bald, has a big mouth, and is mean

To which Lena replied, "Vell, yeah, but who vants HIM