



Farmall Fitted With Loader, Power Steering

A Michigan farmer who mounted a front-end loader on his Farmall tractor and also added power steering to the tractor says it works so well "You'd think it came from the factory this way".

Roger Sutton, of Fostoria, made the modifications to his 1948 Farmall Super A.

"The loader was made by Ark Mfg. but I don't know what kind of tractor it had been on. I made steel brackets that brace the sides of the loader to the front and rear axles. I was able to use the tractor's original hydraulic to operate the loader. It didn't have a bucket and I couldn't find one that fit so I made my own using a 4 by 8-ft., 1/8 in. thick steel plate. The bucket can be raised about 9 ft. high.

"The loader made it harder to turn so I decided to add power steering. I salvaged the control valve and cylinder off a 1976 Ford Granada car and the power steering pump off a 1989 Pontiac Grand Am. I hooked the control valve up to the tractor's steering arm. I attached one end of the cylinder to the steering arm and the other end to the front axle. I had to replace the pump's original pulley with a smaller one that would allow the pump to fit under the tractor hood. The smaller pulley causes the pump to run a little faster but it isn't a problem.



"The entire system works better than I ever thought it would. It takes only about 5 minutes to unbolt the loader. I paid \$400 for the tractor and \$50 for the valve and cylinder."

Contact: FARM SHOW Followup, Roger Sutton, 275 Millington Rd., Fostoria, Mich. 48435 (ph 517 795-2771).



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Peel & Seal is a self-adhering, aluminum-faced roll roof material that you apply by peeling off the paper backing and simply sticking it down to any clean, dry sur-

Twin-Row Corn Tests Deliver 30% Yield Boost

A pair of Iowa farmers say they've experienced as much as a 30 percent yield increase by planting corn in twin rows that are strip-cropped with soybeans.

The twin rows range from 5 to 8 in. apart and are planted by making a second pass through the field with the tractor drawbar shifted to the side. Each strip of twinned corn rows is alternated with a strip of beans.

Steve Rash of Union, Iowa, used his 12-row (30-in.) Kinze planter to plant about 12 acres this year in rows 5 or 6 in. apart. Brad Cruse of Plainfield used his 12-row (30-in.) Kinze planter to plant about an acre of twin rows spaced about 8 in. apart. Populations in the strips are 60,000 ppa, to be thinned down to various lower levels during the season. Rows were planted north and south to capture maximum sunlight.

The obvious attraction is the increase in corn yields, which averaged from about 15 to 30 percent per acre compared with corn planted conventionally, they say.

However, neither Rash nor Cruse are ready to go into twin rows and strip-cropping whole hog.

That's partly because of the extra time and management it requires, they say.

For example, great care has to be taken when spraying to make sure corn herbicides don't drift over onto soybeans and vice

versa. (Rash and Cruse feel new herbicide tolerant corn hybrids and soybean varieties may solve this problem.)

Then, too, there's the possible 3 to 5 percent hit soybean yields take because of the shading of outside rows by corn, they add.

"Soybean yields on outside rows shaded by corn were terrible," says Rash, "but there wasn't much difference at all in yields overall." Soybean yields in inside rows actually averaged higher, about 55 bu., compared with 51 bu. in some fields planted in blocks, possibly because of a windbreak effect from the corn, he speculates.

Finally, there's the question of how to harvest twin-row corn.

Last year, both Rash and Cruse used standard 30-in. corn heads with no problems. Under less-than-ideal conditions, however, there might be problems, notes Cruse.

Meantime, both agree they'll continue working with twin-row corn in strips as long as ISU's study continues.

Contact: FARM SHOW Followup, Steve Rash, 1074 Jessup Ave., Union Iowa, 50258 (ph 515 486-5527) or Brad Cruse, 1712 Bishop Ave., Plainfield, Iowa 50666 (ph 319 276-3172).



Hitch bolts to frame of pickup and has telescoping tow bar with maximum draw weight of 6,000 lbs. When not used for towing, it folds up flat against front of pickup.

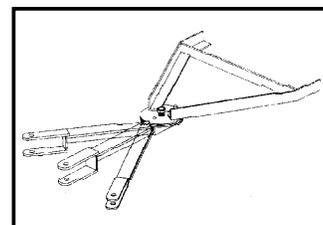
"Turntable Hitch" Pulls Pickup Behind Tractor

Towing your pickup with a tractor is easy with this new "turntable" hitch.

It bolts to the frame of the pickup and has a telescoping tow bar with maximum draw weight of 6,000 lbs. The tongue rotates on a "turntable" joint for a maximum hitching radius of 7 1/2 ft. and maximum towing length of 49 in.

When the unit's not being used for towing, it simply folds up flat against the front of the pickup.

Fits most pickups except a few 3/4-ton and 4-WD models. Installation takes about 15 minutes and requires drilling holes in the frame. May require additional adapter kit. Sells for \$227.66.



Contact: FARM SHOW Followup, Flame Engineering Inc., West Highway 4, P.O. Box 577, LaCrosse, Kan. 67548 (ph 800 255-2469 or 913 222-2873, fax 3619).

face, including old asphalt that's been cleaned of loose granules, says MFM Building Products Corp. It's made of two layers of high-strength polymer film backed with 40 mil. rubberized asphalt and faced with reflective aluminum foil. The combination of various layers makes it watertight, resistant to UV radiation, and it keeps rooftop temperatures up to 22 1/2 percent cooler

thanks to the reflective surface.

All you need to install it is a utility knife and small hand roller.

Comes in 4, 6, 9, 12, 18, and 36-in. wide by 33 ft. long rolls, starting at \$12 per roll.

Contact: FARM SHOW Followup, MFM Building Products Corp., P.O. Box 340, Coshocton, Ohio 43812 (ph 800 882-7663 or 614 622-2645; fax 6161).