

Hesston equipment flyer

This flyer from the Hesston Corporation represents their clean beet topper from 1965. Included in the flyer is colored pictures, descriptions and farmer testimonials. This publication funded by the National Historical Publications and Records Commission through the Kansas State Historical Records Advisory Board.

Creator: Hesston Manufacturing Company

Date: 1965

Callnumber: Hesston Public Library

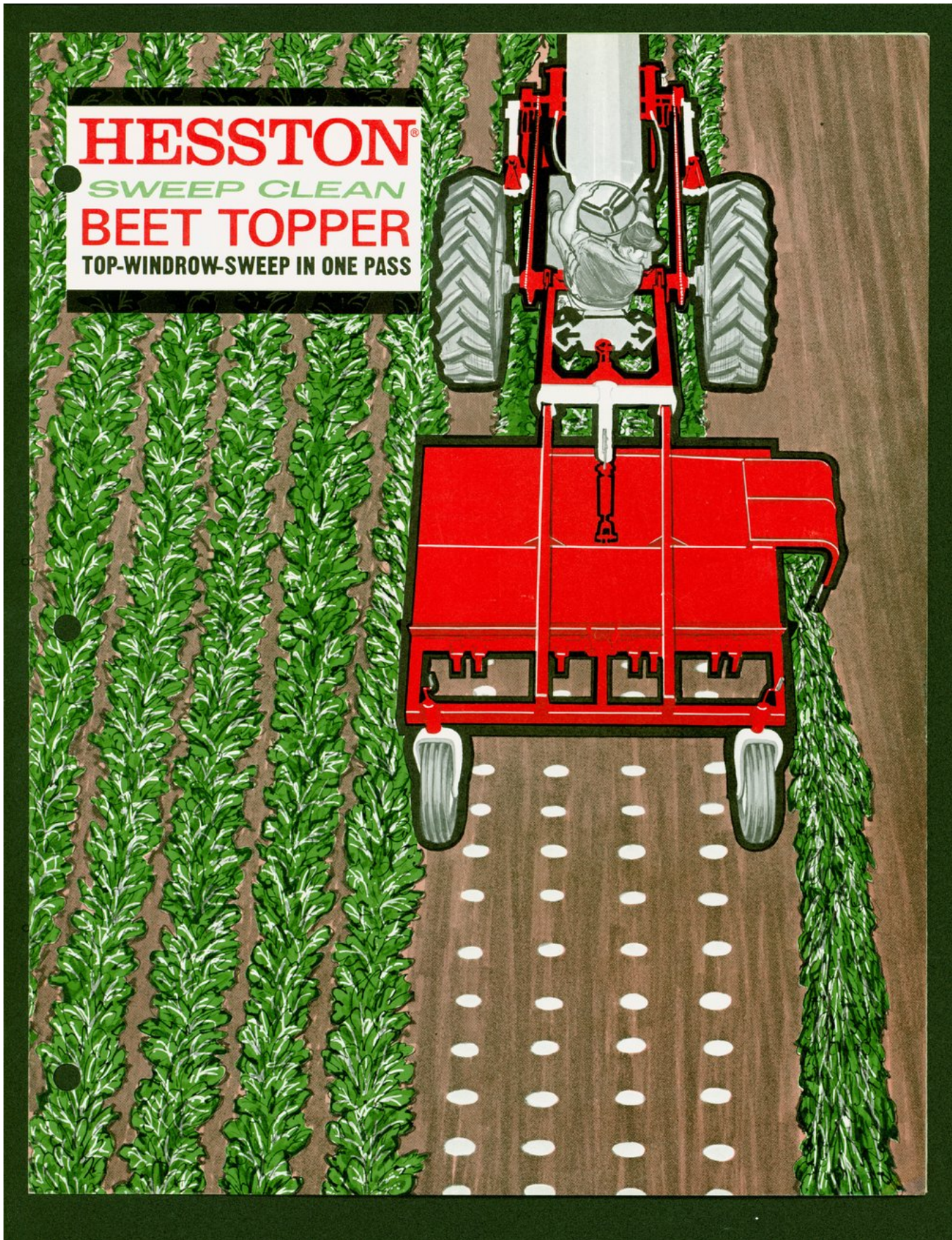
KSHS Identifier: DaRT ID: 448840

Item Identifier: 448840

www.kansasmemory.org/item/448840



Hesston equipment flyer



Kansas Memory

Hesston equipment flyer



KANSAS
HISTORICAL
SOCIETY

HESSTON® SWEEP CLEAN BEET TOPPER

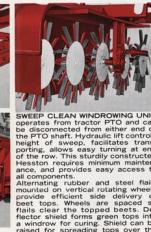
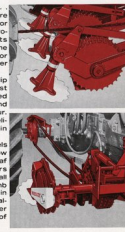
Now, you can top your beets, windrow the green foliage, and sweep a clean path for fast, efficient lifting...all in a single once-over operation! Hesston helps get your beets out ahead of the frost.

Power-driven "finder" wheels automatically regulate cutting height as three-row or four-row rotating disks slice off the tops. Beet tops are swept into a windrow or broadcast over the field by a series of rotating wheels. Rotating rear flails disintegrate any missed foliage to assure fast, trouble-free beet lifting.

With a Hesston, rows are left clearly visible...easy for the lifter to follow. You get maximum beet tonnage with a minimum tare. Versatility of the Sweep Clean unit lets you utilize tops as you desire for livestock feed, green manure, or as a ground cover for the field.

*sweetens
sugar beet
profits!*

SMOOTH, EVEN SLICING... the Hesston topping units are power-driven from the tractor rear axle. Split sprocket provides easy mounting. Units attach well forward on the tractor for maximum operator visibility. Units raise and lower hydraulically. Each unit has a jaw-ratchet slip clutch for protection against shock loads. Units are forged individually to follow high and low beets and ground contour. Rubber mounting bumpers eliminate shocks and maintain alignment of all units. Power-driven "finder" wheels gauge each beet for shallow crowning just below the leaf line. Unlike ordinary finders that break or knock over tall beets, Hesston finders climb over beets and hold them in place for precise slicing by scalloped cutting disks. Stripper bands eliminate clogging of the finders.

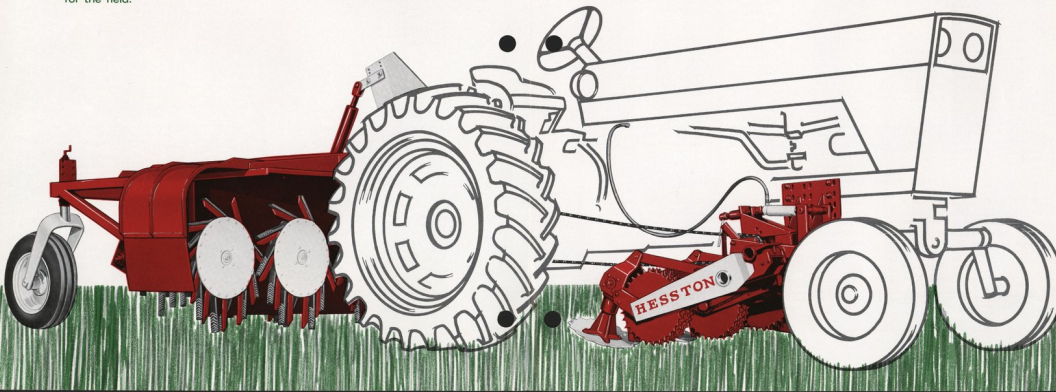


SWEEP CLEAN WINDROWING UNIT operates from tractor PTO and can be disconnected from either end of the PTO shaft. Hydraulic lift controls height of sweep, facilitates transporting, allows easy turning at end of the row. This sturdily constructed tractor requires minimal maintenance, and provides easy access to all components. Alternating rubber and steel flails mounted on vertical rotating wheels provide efficient side delivery of beet tops. Flails are spaced so flails clear the topped beets. Deflector shield forms green tops into a windrow for curing. Shield can be raised for spreading tops over the field for protection against wind and water erosion.



SWEEP CLEAN... this beet beater assembly consists of rotating molded rubber flails, staggered in groups of seven... with 11-inch widths for each of the four rows. The rotating flails disintegrate any remaining "streamers" and other residue down the row to assure a clean crop... low tare.

ADJUSTABLE STORAGE STANDS are permanently attached to each side of the Hesston Sweep unit to support the machine whenever it is disconnected from the tractor.



Ralph Rehder and Milton Brakke, who grow sugar beets on a 190-acre tract near Comstock, Minn., are enthusiastic about the Hesston Topper's performance. "We have used this machine under all conditions and during adverse weather conditions we still were able to get all of our beets harvested. The machine will top beets which are high above the ground level without pushing them over or kicking them out of the row. Rotobearing is not necessary because the Hesston tops the beets, delivers the tops to the side and cleans up the row all in one operation. This topper is well made and will give the beet grower many seasons of trouble-free service."

THESE OWNERS KNOW THE VALUE OF BEET TOP CONTROL

In recommending the Hesston, Theodore F. Peet of Wolverton, Minn., emphasizes the machine's "once through the field" operation. He points out that the Hesston does quality work and leaves only a minimum of waste in the field. "The machine is well engineered and solidly built," Peet reminds, "and because all of the trash is swept out of the rows, the harvester will operate under extremely wet conditions. When soil conditions were very wet, I would have left many acres of beets in the ground if I had not owned this topper."

Ted Kallen, Hyshem, Montana, says, "We had quite a weed problem with our beets in 1962. In fact, the agent turned down some of our beets that had been topped. We got a three-row Tonsfeldt (Hesston) Beet Topper and had no more trouble with our beets. This machine does as accurate and clean a job of topping as I have ever seen."



SPECIFICATIONS

Fits these Tractors . . .
International-Harvester H, M, 460,
560 Farmall (Adjustable front axle);
John Deere 4010 RC (Adjustable front axle)
Oliver 1800; Allis Chalmers D19.

TOPPER

Models Available 3-row and 4-row units
Row Spacing 22 inches
Power Source Tractor Drive Axle
Weight (approx.) . . 3-row . . 675 lbs. 4-row . . 905 lbs.

SWEEP CLEAN

	3-row	4-row
Width . . . over front sweeps	7' 3"	9'
Height . . . to top of frame (w/o hitch) . . .	4'	4'
No. of Sweeps	4	5
No. of Beaters	3	4
Power Source	PTO 540 rpm	
Tires (two)	5.90 x 15	
Front lift, hydraulic; Rear, screw adjusting		
Weight (approx.)	2100 lbs. 2350 lbs.	

Because of Hesston's constant efforts to provide the best in farm equipment, specifications are subject to change without notice.

Hesston equipment flyer

PROPER UTILIZATION OF BEET TOPS CAN MEAN \$20 TO \$70 MORE PROFIT PER ACRE!

"Get your tops working for you too!" That's the advice from University of California Extension Agronomists to sugar beet farmers interested in greater dollar return per acre. Heeding this advice, many growers have increased net profits \$20 to \$70 per acre by giving some time and thought to better utilization of beet tops.

They have found beet tops are excellent livestock feed, pay good returns when used as green manure, provide ground cover to protect against wind and water erosion.

LIVESTOCK FEED

Generally, sugar beet tops are more profitable as livestock feed, because they are so high in protein and other digestible nutrients. Pound per pound, they have proved to be as good a source of roughage as alfalfa hay.

In the book, "The Sugar Beet Story" the U. S. Sugar Beet Association says, "An acre of land yielding twenty tons of beets will produce 6,000 pounds of pure granulated sugar, and the by-products of the same acre, when included in a ration fed to livestock, will produce from 400 to 600 pounds of meat or 5,000 to 6,000 lbs. of milk."

There are three basic ways to utilize beet tops in a livestock feeding program:

1. PASTURING

Pasture feeding cattle and sheep has been one of the most popular methods of utilizing beet tops

though gains are not usually as good as in a controlled feeding program. Growers following this program will find the Hesston leaves tops in convenient windrows minimizing the amount run-over by the truck, yet allowing accessibility for livestock.

2. BALING

This is often the most profitable way to put up tops and is becoming more popular each year. The Hesston system which tops and windrows in a once-over operation is by far the most efficient way to get your crop ready for the baler, and for proper curing.

3. SILAGE

Beet tops make excellent silage in trench, upright or trough silos. Regardless of your system, you will find the Hesston Sweep Clean Beet Topper the fastest, most economical way to get tops into the windrow for easy pickup.

In their excellent book, "Beets and Meat," authors C. J. Maynard and K. D. Knaus explain that beets will produce from 35% to 50% of their weight in the form of edible beet-top silage. They cite studies at the Scottsbluff Experiment Station where tops from beets grown in a manured rotation with alfalfa hay and siloed in a pit silo have produced, on the average, 1,000 pounds of edible beet-top silage per ton of beets harvested. This silage, fed to lambs and cattle in feeding tests, has proved equal in feeding value to corn silage produced from corn yielding 100 bushels per acre.

GREEN MANURE

Increased yields of grain following sugar beets are common in many areas. One reason is the large amount of plant nutrients returned to the soil by the tops. On the average, a ton of decomposed tops returns an estimated 45 to 50 lbs. of nitrogen alone.

But, University of Nebraska Extension Agronomists have found that sugar beet tops fed to livestock, with the livestock manure returned to the fields, are probably worth **three times as much** as when "beaten off" and plowed under as green manure!

GROUND COVER

In addition to contributing fertility to the soil, beet tops provide good ground cover, help retain high productivity by reducing wind and water erosion, and improve humus. These are especially needed in irrigated fields, where more fertility is often lost through erosion than is removed in harvested crops.

HESSTON OFFERS COMPLETE VERSATILITY

With a Hesston, you choose the system best for you. Windrow shield up, the tops are scattered far and wide as ground cover or green manure. Shield down, tops are left in a windrow for pickup or grazing.

Better get **your** tops working for you this year. Do it the easy way ... with an efficient, economical Hesston Sweep Clean Beet Topper on the job!

OTHER FAMOUS PROFIT PRODUCERS FROM HESSTON

HESSTON 500 WINDROWER-CONDITIONER

Revolutionary Auger Header puts the Hesston 500 in a class by itself. Speed, capacity and heavy-duty performance engineered for custom operators and hay men with large acreages.



HESSTON DYNA-BALANCE STRAW CHOPPER

Dyna-Balance chopping and variable spreading control of straw as you harvest. Improves soil, retards soil erosion, makes plowing easier. Fits most combines. For all crops except corn.



HESSTON 260 WINDROWER-CONDITIONER

Cut, condition and windrow hay five times faster than old methods. Ideal in small grains, mint, seed crops, peas, beans and many other crops. 10-12-14-16 foot models.



HESSTON
Mfg. Co., Inc.
HESSTON, KANSAS



BT 1-663 LITHO IN USA