

STOPS EROSION, CUTS CONSTRUCTION COSTS

New "Do-It-Yourself" Terrace-Building Plow

If you're farming terraced land or would like to build your own terraces for less than a contractor would charge, you'll want to know about a new terracing plow from Amco Products.

It's a heavy, hydraulically controlled disk that builds and shapes narrow-base terraces. It can replace expensive bulldozers and scrapers and permits you to build your own terraces with surveying help from your Soil Conservation Service technicians.

A 165 to 220 hp tractor is needed to pull the 16 ft., 10 in. wide, 3200 lb. plow. It hitches to a Cat. III hitch. The 26 in. dia. notched disk blades are ¼ in. thick. Two 4 in. by 16 in. hydraulic cylinders control tilt angle of the two gangs on-the-go — from 18° down, to 43° up. Working under SCS specifications, the Amco terracing plow can build up to 1,200 ft. of terraces per hour.

Basically, all the operator has to do is follow the surveyed SCS terrace line. By hydraulically changing the tilt angle of the gangs, terrace height is adjusted to SCS recommendations after a few passes. Weight of the



Two hydraulic cylinders control tilt angle of the two gangs on the go.

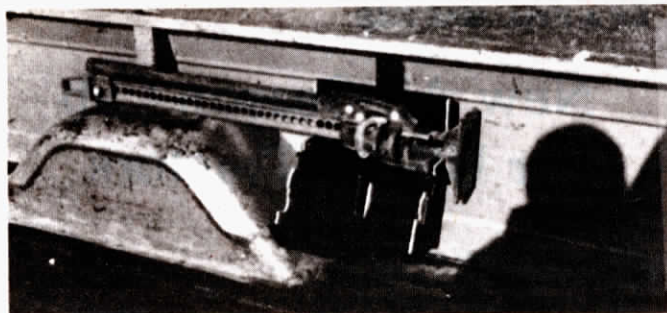
tractor and plow ensures proper compaction.

The terracing plow can also be used to re-shape old terraces, or to kill weeds while retaining the shape of existing terraces. Cost is expected to be about \$5,000. "We have designed this tool to be a dependable work-

horse for individual farmers, cooperatives or private groups," explains Mike Hodgson, sales manager for Amco. "We have considered the fact that the SCS pays only once for farmers to build terraces, and our equipment must be an affordable investment. We think the cost-saving

features of this new terracing plow will help the SCS promote terracing practices for effective erosion control."

For more details, contact: FARM SHOW Followup, Amco Products, No. 1 Amco Drive, Yazoo City, Miss. 39194 (ph 601 746-4464).



Rubber-sealed jack boot keeps moving parts on the jack clean. It can be locked.

KEEPS JACK TIED DOWN

New "Jackboot" Fits Any Pickup

Jumbled-up, rattlin' jacks become a thing of the past with the new Jackboot jack-holder for pickups from Skyland Manufacturing in Airdrie, Alberta.

Designed to fit any pickup, you can also mount the Jackboot on tractors, cultivators, planters, farm trucks, recreational vehicles and any other equipment.

"It quickly installs between two fixed points through an expanding bolt," says Elwood Sawby, manufacturer. "On pickups, it usually in-

stalls between the bed of the pickup and the top rail of the side of the box. On other equipment, you simply fasten it between two solid points."

Besides putting an end to rattles, the rubber-sealed Jackboot keeps moving parts on the jack clean and can be locked to avoid theft.

Sells for about \$45. For more information, contact: FARM SHOW Followup, Skyland Manufacturing Equipment Ltd., Box 839, Airdrie, Alta, Canada TOM OBO (ph 403 948-7810).

HELPS PROTECT DRIVER FROM TOXIC SPRAY MATERIAL

Filter Keeps Chemicals Out of Tractor Cab

"After getting sick a couple times while spraying chemicals on the crops, I decided I had to find some sort of filter to take the chemicals out of the air," explains Allan Merkel, Fairfax, Minn., farmer who has designed a special tractor cab filter that absorbs hazardous chemicals from the air.

Merkel, remembering that activated charcoal filters were used during World War I to protect soldiers from exposure to poisonous gases, decided to try them against farm chemicals. He's now having an Oregon company build his special chemical filters which replace the tractor cab's regular air conditioning filters. Sizes are presently available for IH 86 series tractor cabs and John Deere 30 and 40 series cabs.

The filters are composed of two parts. A paper-like cellulose layer traps dust and dirt particles while the charcoal layer absorbs chemical fumes. "There is approximately 5 lbs. of activated charcoal between the two cab filters. Each pound of charcoal can absorb up to ½ lb. of chemical," Merkel explains.

To prolong filter life, Merkel advises removing the charcoal filters and replacing the original cab filters after the spraying season. The charcoal filters can be stored in plastic bags to preserve their life and prevent them from becoming saturated with harmless odors.

Merkel says the filters are effective against almost all commercial pesticides and herbicides and will even absorb the odor from engine exhaust. They will not remove poisonous carbon monoxide gas or anhydrous ammonia, however.

Cost for two IH filters is \$40, and \$45 for two Deere filters. Merkel is also selling a separate unit for pickup cabs for \$70. It's powered by the truck's cigarette lighter. A fan inside the unit circulates air through a doughnut-shaped charcoal filter. The pickup must have air conditioning so that all windows can be rolled up to limit the amount of incoming air.

For more details, contact: FARM SHOW Followup, Chem-Guard Panel Filters, Allan Merkel, Box 98, Fairfax, Minn. 55332 (ph 507 359-2396).