

# Precision tiller announced

CARLISLE — Bob Weaver, of Carlisle, Bush Hog representative for Pennsylvania and New Jersey, has announced the addition of the Ro-Till, the world's first precision tiller, to his line of farm implements. Precision tilling is a new concept in spring and fall tillage that completes seedbed preparation and allows planting in the same pass through the fields, thus reducing costs and improving yields.

Bush Hog's precision tilling concept is designed to increase yields while reducing the need for fertilizer and irrigation, speed tillage and planting, reduce tillage costs by as much as 80 percent and provide for soil and water conservation and fuel savings.

The Ro-Till concept has been proven on hundreds of farms in the southeast and the midwest, Weaver said. The patented design of the machine was purchased from Leo Hardin, a farmer who invented the machine and sold it nationally. It will be marketed by

Bush Hog and serviced by Bush Hog's national dealer network.

For more farmers, the Ro-Till will be the only tillage implement they will need for both fall and spring tillage, Weaver said. It solves the farmer's problems of having to replace one worn out tillage implement after another.

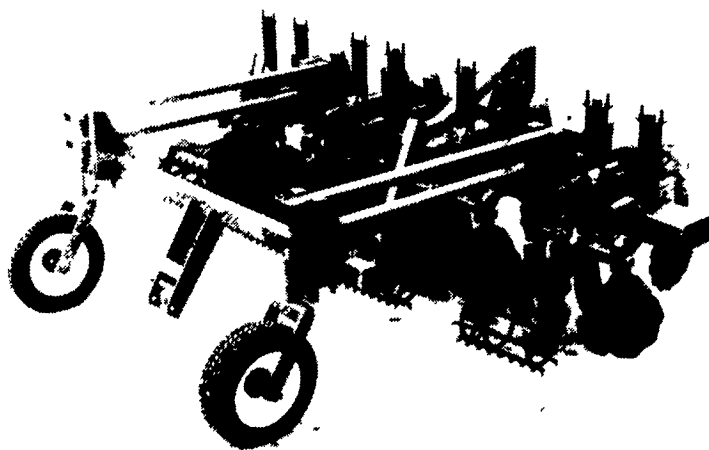
The Ro-Till works by creating a high yield seedbed concentrated in rows rather than preparing the entire area behind the tractor for planting, Weaver explained. The high yield seedbed features crop residue and nitrogen-fixing plants mixed with the soil in the row middles for soil and water conservation and clear row areas for good seed to soil contact and sun warming for early germination. The planting area can be formed flat or on a ridge in areas prone to flooding.

The high yield seedbed also provides for maximum root growth by pulverizing the top soil and breaking the plow pan. All spring tillage operations are done

in one pass with a planter pulled behind the Ro-Till. Fall tillage is also accomplished in one pass.

Notched, spring-loaded coulters break the ground, cut residue and minimize drag on the subsoil shanks behind them. The subsoil shanks create an opening through the plow pan. A final set of coulters followed by rolling baskets work together to mulch any remaining debris and pulverize the top soil. These coulters are fluted to work the pulverized soil into place so there are no voids left by the subsoilers that could cause cave-ins. They have separate axles and are in two different sizes to prevent plugging. They can be angled toward the row to create a high ridge or set to run parallel to the row to create a flat planting area.

Weaver said the Ro-Till is designed for easy adjustment for 30 to 40 inch wide rows, soft or hard ground. The tool bar is located close to the tractor for easy lifting. It is available in two, four and eight-row models.

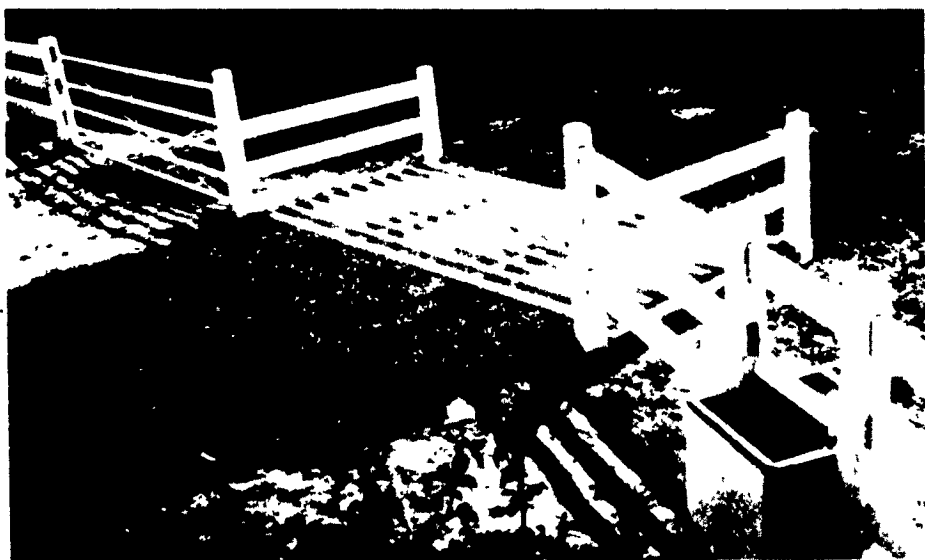


Precision tiller permits seedbed preparation and planting in one pass through field.

Bush Hog is the only company to offer the Ro-Till concept nationally carries the Bush Hog warranty.

For further information, contact Bush Hog, Department NR-RT, P.O. Box 1039, Selma, Ala. 36701.

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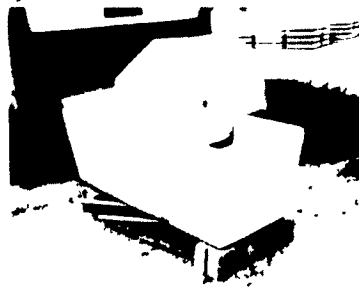
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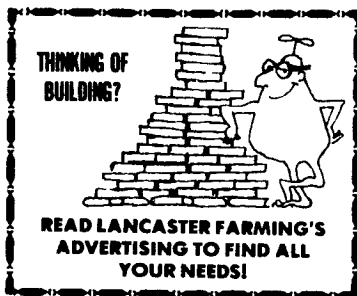
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