



ROTASPIKE



THE MODEL HB

Secondary Tillage 120' Wide ... for Tractors from 65 H.P. to 100 H.P.

"Fast" and "economical" best describe Howard's Model "HB" ROTASPIKE®. It's a secondary-tillage power harrow designed for maximum seedbed efficiency on medium to large-acreage farms. Preparing seedbeds 120 inches wide at speeds of up to 6 mph, the "HB" saves time in the field. Since it utilizes low-power-consuming spikes rather than conventional tillage blades, it also saves fuel and tractor wear. Simple design and fewer moving parts mean lower maintenance costs. Howard's exclusive SELECTATILTH control provides seedbed versatility, while the full-width crumble roller accurately controls seedbed depth. For the ultimate in seedbed economy, you can team the "HB" with a planter or drill and chemical equipment to prepare, plant and incorporate in a single pass.

FAST, ECONOMICAL SECONDARY TILLAGE

The high-speed capability of the "HB" ROTASPIKE is the result of simple, sturdy design and a unique spiked rotor. The spikes are arranged at 2-inch intervals in a scroll pattern, which allows them to penetrate the soil with a minimum expenditure of power. Each spike is anchored by a single pin for easy removal and replacement.

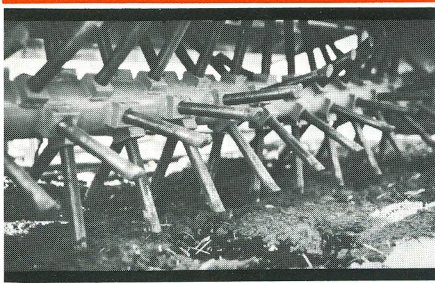
Unlike conventional "pull-type" tillage implements, the PTO-powered ROTASPIKE creates no drag against your tractor. The forward rotating spikes actually help push the tractor forward as they shatter clods to produce a perfect seedbed. Wheel slippage is reduced without the need for wheel weights or tire fluid. The hardworking "HB" saves tractor power, fuel and wear.

SELECTATILTH MEETS YOUR NEEDS

Howard's patented SELECTATILTH gearbox gives the ROTASPIKE operator a choice of rotor speeds to achieve the desired tith regardless of soil conditions. Gears can be quickly and easily changed in the field; no special tools are required.

MULTI-APPLICATION VERSATILITY

When used with primary tillage equipment such as the Howard V-CHISEL®, offset disc or



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incorporate herbicides and fertilizers. The chemicals are distributed uniformly through the seedbed at a controlled depth for a superior vertical mix. Application equipment can be teamed with a planter or drill and the "HB" to incorporate, prepare and plant in a single pass. That's true one-step economy!



moldboard plow, the ROTASPIKE rounds out a total tillage program. It promotes moisture retention and erosion control for all types of seedbeds. The spike rotor is particularly suited to deep seedbeds like potatoes, because it breaks and crumbles the clods to the full tillage depth of 7 inches. The full-width crumble roller accurately controls depth while firming and leveling the seedbed and eliminating wheel marks.

In addition to seedbed preparation, the "HB" provides excellent Quack and Johnson Grass control. With the trailing shield raised, the rotating spikes effectively dig up these rhizomes and leave them on the surface to wither and die.

CHEMICAL INCORPORATION — THE MODERN WAY

Research by universities and chemical companies has proven the "HB's" outstanding ability to

MANY MODELS TO CHOOSE FROM

Howard manufactures the HB ROTASPIKE and a complete line of ROTAVATORS for all crops and farming conditions. Choose models from 32 inches to 180 inches wide for tractors from 10 H.P. to 200 H.P. Contact your local Howard dealer or write direct for full details.

SPECIFICATIONS

Tillage Width: 120"

Power Range: For tractors from 65 to 100 PTO H.P. with 540 or 1000 rpm PTO.

Linkage: Category II, 3-point linkage.

Tillage Depth: Adjustable to 7" via full-width crumble roller.

Rotor Speeds: 160, 177, 197 and 218 rpm at 540 rpm PTO with standard SELECTATILTH gears. 194 and 216 rpm at 1000 rpm PTO with standard SELECTATILTH gears. 3 additional speeds with optional gears.

Machine Weight: 2,999 lbs.

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