

WHAT'S NEW



HIGH SPEED POWER TILLER

Cutting a swath 120 inches wide, and working at a speed of 6 miles per hour behind an 80 horse power tractor, a new power tiller being introduced by Howard Rotavator Co. can provide high speed one-pass secondary tillage for medium and large acreage producers.

Called the Rotaspikes, this new high speed Howard tiller is equipped with a spiked rotor which requires less tractor power than a bladed rotor, enabling it to operate at greater widths and higher speeds, even when powered by medium sized tractors.

The spikes of the new Rotaspikes are arranged at two inch intervals in a scroll pattern, replacing the conventional rotary tillage blades. These spikes slice into the soil and require less power to propel, allowing a wider unit to be used with lower horsepower tractors.

In operation, the spikes rotate, slice into the soil, fracture the clods from the chiseled soil, and break them to the desired tillth. The result is a finely tilled, even seedbed.

Tillage depth goes down to seven inches or more, depending upon the soil conditions, and is controlled by twin depth control wheels. The Rotaspikes can also be used in conjunction with an optional crumple roller, which follows over the tilled soil to give it a completely even finish and a desirable degree of consolidation without packing

If working in particularly sticky conditions every other rod in the crumple roller may be removed to prevent clogging and produce the same level finish as in dryer conditions. When the Rotaspikes is used with the crumple roller, flat beds can be worked with no joints or wheel marks visible between rounds.

The spikes on this new implement are attached with a single locking nut, which makes them easy to remove and replace. When removed at row intervals, and with the depth adjusted to a shallow level, the Rotaspikes is an ideal implement for cultivating. Run at high speeds with the shield raised, most of the weeds are left on the surface with roots facing up to produce an ideal kill method that can be applied to inter-row cultivation.

Howard's patented "Selectatilt" gearbox makes the unit suitable for either 540 or 1000 rpm pto, and provides varying rotor speeds for different soil conditions to acquire the desired tillth. It will mount to any Category I or II tractor with 3-point linkage.

For complete operating details and specifications on the new Rotaspikes, see your Howard dealer, or write direct to Howard Rotavator Co., Harvard, Ill. 60033.



STALK CHOPPER
B J Manufacturing Co., Inc. announces the addition of a new implement to their

Poultry conference set

ATLANTA, Ga. — The Poultry and Egg Institute of America's (PEIA) Council of States will hold a legislative conference in Washington, D.C. April 4-5.

line of stalk choppers. The implement, a chisel chopper, does just what the name implies - it chops while it chisels and it chisels while it chops. The dual function of the implement allows the operator to do two jobs at one time.

The front gang of choppers break, chop and pulverize stalks or stubble. They are followed by four rows of 32 inch high clearance chisel shanks on 12 inch spacings that rip into the soil breaking the hardpan. Another gang of choppers follow behind the shanks to further chop the stalk or stubble and incorporate them into the soil. Both gangs of choppers can be removed so the machine can be used just as a chisel plow.

Offered in 7½ foot, 10 foot, 13 foot and 15 foot models, additional information is available by contacting B. J. Manufacturing Co., Inc. P.O. Box 370, Dodge City, Kansas 67801, (316) 227-8173

1978, according to Lee Campbell, Institute executive vice President. The announcement came following meetings of the Council and the Institute's board of directors in Atlanta last month.

The two-day session will include a workshop for PEIA's government relations staff and member state trade association executives on legislative and regulatory issues of concern to the poultry and egg industry. The session will also include a joint meeting with member state officers and the Institute's board of directors.

A congressional reception on behalf of the Board and the Council will be sponsored by PEIA on April 4.

Officers elected to the Council of States on Jan. 25 include Abit Massey, executive director, Georgia Poultry Federation, chairman; Jerry H. Gass, executive vice president, Virginia Poultry Federation, vice chairman; and Don V. Allen, executive vice president, Arkansas Poultry Federation, Secretary.

The Council of States is one of the sections that make

up PEIA membership and is composed of state poultry and egg associations that are members of PEIA. Others

sections are broiler, turkey, further processing, other poultry, shell egg and egg producers.

**Introducing an all new
LOW-COST farm building
...by Uмбаugh**

45' x 72' CLEAR SPAN BUILDING

Only through Umbaugh's low per square foot building cost are we able to offer you this outstanding barn value. Building includes delivery, sales tax, erect on your level lot, construction insurance, concrete floor, and all poles high quality building materials. And the entire job is handled by Umbaugh's own highly trained crews.

Get all the facts — mail coupon to any office below and we will furnish you with complete information on this new high quality low cost farm building. No obligation at all.

**24 HOUR
TOLL FREE NUMBER
800-821-2270 (Ext. 806)
Open Sat. mornings for
your convenience.**

Optional 12 Extensions Can Be Added To One Or Both Sides

18 x 45 sections of Additional Lengths Also Available

Name _____
Address _____
City _____
State _____ Zip _____
Phone No. (Area Code) _____

Uмбаugh POLE BUILDING CO., INC.
P.O. Box 229
Fogelsville, PA. 18051 (215) 285-4011

FARMERS' FERTILIZER WORKS, INC.

**PREMIUM GRANULAR FERTILIZER & LAWN FOOD
LIQUID NITROGEN - LIMESTONE - PESTICIDES
PHONE 717-367-1211**

365 W. BAINBRIDGE ST. ELIZABETHTOWN, PA 17022



INTRODUCING ... FARMERS' FERTILIZER'S NEW PREMIUM GRANULAR FORMULATIONS:

- ★ CONTAINING GUARANTEED SECONDARY PLANT NUTRIENTS (• CALCIUM • MAGNESIUM • SULPHUR • IRON • ZINC)
- ★ CONTAINING A MINIMUM OF THREE FORMS OF NITROGEN
- ★ LOW CALCIUM CARBONATE EQUIVALENT PER TON, WHICH REDUCES LIMING COSTS
- ★ ALL PREMIUM STARTER FERTILIZERS (in the row) CONTAIN 100% MONO-AMMONIUM PHOSPHATES
- ★ SOME OF OUR NEW FORMULATIONS FOR 1978 IN ADDITION TO OUR REGULAR FORMULATIONS ARE AS FOLLOWS:
 30-5-15 PREMIUM PLOWDOWN
 15-15-15 PREMIUM PLOWDOWN
 8-32-16 PREMIUM STARTER FOR CORN
 10-6-4 LAWN FOOD 50% ORG. 35% W.I.N.
 30-0-0 LIQUID NITROGEN

CONTACT US
OR ONE OF
THESE SALES
REPRESENTATIVES
IN YOUR AREA FOR
YOUR 1978
FERTILIZER
PROGRAM

DANIEL L. ESH
P O Box 203
Intercourse, PA 17534

VAN-MAR FEEDS, INC.
P O Box 303
Shoemakersville, PA 19555
215-926-2121

POWL'S FEED SERVICE
RD 2
Peach Bottom, PA 17563
717-548-2376

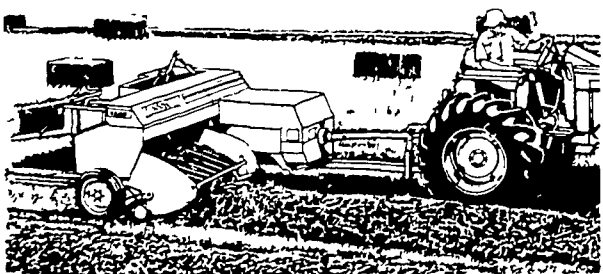
L. H. BRUBAKER, INC.
350 Strasburg Pike
Lancaster, PA
717-397-5179

LESTER M. WEAVER
RD 1
New Holland, PA 17557
717 354 5477
215-286 5337

**ROY W. ZIMMERMAN
& SONS, INC.**
1661 Rohrerstown Rd
Lancaster, PA 17601
717 569-2361
717 733-8161

HESSTON FARM EQUIPMENT

**The unconventional
conventional baler.**



The 4500's continuous flow feeding system keeps hay moving in a steady stream to the 14' x 18' bale chamber. Bales are uniform and evenly flaked. More leaves are left intact so nutrients are preserved. Standard equipment includes flotation tires, wide 61" pickup with gauge wheel, 3-joint PTO, and heavy duty hypoid transmission. Twine or wire tying mechanisms and bale thrower (twine model only) head the list of options.

..... **SPECIAL**
PT-10 - List Price \$4480
 Sale **\$3680**
 Less \$200 Bonus = **\$3480**

ASK ABOUT OUR WINTER WARM-UP BONUSES

SALES & SERVICE

MILLER'S REPAIR

1 Mile North of Bird-in-Hand
8 Miles East of Lancaster

RD 1, Bird-in-Hand, PA Phone 717-656-9013