

Advanced Agronomics Sets Meeting

QUARRYVILLE (Lancaster Co.) — Growers who want crop problems solved can discover how technology can increase profits at a meeting on Friday, Jan. 23 at 12:30 p.m. at the Marvin Zook Farm on Limeville Road in Gap.

The meeting, hosted by Advanced Agronomics, is scheduled to examine cropping prog-

rams that show the grower how to reduce the impact of weather stress on crops, how to improve the genetic potential of cropping systems, and other items.

Pesticide credits will be provided (two core and two category). Reservations are encouraged but not required and door prizes will be awarded.

Disk Harrow Has Heavy-Duty Elements

RACINE, Wis. — Case Corporation, the world's largest manufacturer of disk harrows, announces the introduction of the Case IH 3850 tandem disk harrow, a new, midsize model that replaces the popular Case IH 3800 disk harrow.

"The 3850 retains all the strengths of the 3800, but it has heavy-duty elements added throughout," said Keith Whitaker, tillage systems marketing manager. "This makes the 3850 stronger, more durable, and better suited for handling tough soil conditions."

As with all Case IH disk harrows, a key feature is the 3850's shallow concavity blades. The term, Whitaker explained, refers to the shape of the blades. "Shallow concavity, crimp-center blades provide better soil penetration, with less weight," he said. "This way, yield aren't adversely affected by increased soil compaction due to higher working weights. The disk pulls easier, requiring less horsepower and fuel, due to shallow concavity blades."

In addition, these Case IH Earth Metal® disk blades are 30 percent stronger and have 20 percent longer life than earlier blades, he reports.

Other 3850 advantages:

- The gang angle is adjustable, allowing the user to customize machine operation for more or less residue coverage.



The Case IH 3850 tandem disk harrow is a midsize model that replaces the popular 3800 disk harrow.

- The thickness of wing-gang tubes is increased by 50 percent, which means greater durability. Weld thickness also is increased.
- A fourth rockshaft bearing was added and rockshaft material has been changed to a micro-alloy steel, resulting in longer life and a 25 percent increase in strength.

- The hydraulic cylinder rods will be made from NitroSteel® which is more resistant to corrosion. Also, routing and attachment of the hydraulic hoses have been improved for easier setup and longer hose life.

- Larger tires have been added — 15 inches instead of 14 — to improve load-carrying ability, depth control, and flotation.

Customers also will find the 3850's hitch easier to adapt to a variety of tractors. The size of the standard hitch clevis hole had been increased to 1-3/4 inch for greater adaptability.

DeKalb Genetics Introduces Company Store To World Wide Web

DEKALB, Ill. — Dekalb Genetics Corporation is setting up shop on the Internet.

The DeKalb Company Store is open for business over the World Wide Web on the Dekalb homepage (<http://www.dekalb.com>). The new company store allows users to purchase Dekalb caps and sweatshirts, among other items, with the use of a credit card. These items can be ordered on the site through a secure on-line transaction.

"We receive hundreds of Internet requests for caps and other Dekalb souvenirs from

around the world," said Jim Badger, manager of communications for Dekalb. "We used to send a catalog in the mail, but now those interested can order selected Dekalb items direct without having to wait."

Ordering instructions are included on the site and a customer service center is also available at (800)-793-9857 from 7:30 a.m. to 5:30 p.m. CST to answer any additional questions. Dekalb will be monitoring Internet activity on the new company store website and will add or delete items depending on demand.

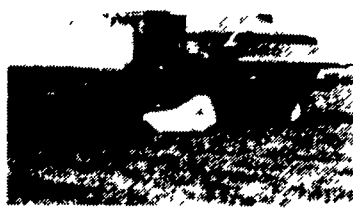
Combines Get Brand New Look

ATLANTA, Ga. — While new upgrades on the Gleaner R-Series rotary combines focus on grain quality, operator comforts and more header options, the silver harvesters are also breaking with 74 years of tradition and getting a new look — a shiny silver metallic paint job on top of the existing galvanized steel finish.

Named the "Silver Series Rotary Combines" the four harvesters — R42, R52, R62, R72 — are being manufactured with more than just new paint.

A new turret unloading system features a longer reach auger with extra clearance height for easier unloading into today's large trucks and grain carts. For faster unloading the dump rate has been boosted to a rapid two bushels per second. And to provide for quick, safe grain sampling, the sample door is conveniently located on the front panel of the grain tank.

Also, according to Jerry Weaver, general marketing manager, Gleaner combines, all



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new Gleaners are designed to be Fieldstar ready. "They'll be able to accept Agco's new site-specific farming system without any field modifications after delivery," he said.

Header options for R-Series Gleaners have also been expanded to include new high capacity rigid and flex grain headers,

plus specially designed stripper and draper models for small grain crops. The new Huger corn heads, ranging from 4 to 12 rows, now include setups for 20- and 22-inch narrow rows for yield conscious producers.

The R-Series Gleaners feature exclusive rubber accelerator rolls that rotate in opposite directions to speed grain downward through a high-velocity air blast for pre-cleaning and improved sidehill operation. Another exclusive: a rock door that automatically ejects damaging objects before they can enter the cylinder and concave. This lets the operator run closer to the ground when necessary to gather all the crop.

Gleaner combines are powered by Cummins liquid-cooled diesel engines ranging from 185 to 330 hp. The standard hydrostatic transmission operates with a single forward/reverse lever that permits the operator to vary machine speed in either direction.

Performance, Operator Comfort Highlight Tractors

MOLINE, Ill. — John Deere has replaced its popular 5000 Series Tractors with the new 5000 TEN Series Tractors, which have major performance and operator convenience enhancements, and attractive new styling resembling John Deere's larger tractor models.

The new TEN Series includes four standard models — the 45-hp 5210, 55-hp 5310, 65-hp 5410, and 75-hp 5510 Tractors — and two narrow models — the 55-hp 5310N and 75-hp 5510N Narrow Tractors.

All of the 5000 TEN Series Tractors are powered by new John Deere PowerTech™ diesel engines that deliver more horsepower and meet EPA, CARB, and EEC off-road emission standards. The 5000 TEN Series Tractors are available in open-station and cab configurations.

Rubber-mounted footrests, laminated steel transmission covers, and sound dampening fenders and transmission control covers improve sound quality and reduce noise on the open-station tractors. All open-station and cab models feature larger mufflers.

The standard models (5210,



The John Deere 5000 Ten Series Tractors feature new power levels from 45 to 75 PTO horsepower and 53 to 87 engine horsepower.

5310, 5410, and 5510 Tractors) have improved ergonomic features including a deluxe seat with contoured cushions and retractable seat belts, and contoured transmission control knobs for a more comfortable grip. A new instrument panel on all 5000 TEN Series Tractors provides backlighting for improved night visibility.

The 5210, 5310, 5410, and 5510 tractors offer a choice of four transmissions, including the standard CollarShift, and the optional SyncShuttle™, SynShuttle™ with 540/540E PTO, and PowrReverser™

transmissions. A SyncReverser™ transmission is standard on the 5310N and 5510N narrow models. All five transmissions are designed to match the power and torque characteristics of the 5000 TEN Series engines. The transmission provides rigid shift linkages for smooth, crisp shifts; constant-mesh, helical gears for quiet, reliable operation; positive park pawl that eliminates the need for a handbrake; and a neutral start switch that required the gear shift lever to be in either park or neutral position to start the engine.

The CollarShift and SyncShuttle transmissions offer nine forward and three reverse speeds. The PowrReverser transmission offers 12 forward and 12 reverse speeds, and wet forward and reserve clutches for maximum durability. The PowrReverser transmission also provides power shift for direction changes, making it ideal for loader and rear-blade applications. The operator can change direction without depressing the clutch pedal, and make synchronized shifts between speeds on-the-go with the use of the clutch.

Vermeer Celebrates 25th With New Product Launch

PELLA, Iowa — It has been described as "the biggest new ag product launch in Vermeer history" and probably the most significant one since Vermeer introduced the big round baler in 1972.

To celebrate the company's 25th anniversary, Vermeer plans a huge new product launch.

"You might say we're committed to the hay equipment industry," said Jim VanderWerff, vice president of the ag division. "We introduced more than a dozen new products at the national sales meeting this fall, including a whole new family of balers (the New L-Series Baler line), plus our fist entry into the big square market (with the new

Vermeer CommandRAM). All of them are targeted to the hay harvesting market."

He said, "Our goal is to lead the industry as 'The Hay Specialist.' We started it with the invention of the big round baler in 1972. We spearheaded the silage baling revolution in the United States and we've been perfecting the process for the past 10 years. The new 3000 Series Bale Wrappers put us on the leading edge in packaging

high-moisture silage bales."

The new big square baler (CommandRAM)—with hydraulic ram "on command" eliminates downtime and high maintenance costs common to mechanically-driven big squares.

According to VanderWerff, the unprecedented new product launch is "the first step in a series of moves designed to take Vermeer to the next level. Another step involves further expansion of Vermeer's retail distributor organization."

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