



**BUSINESS NEWS**

## Hesston Offers New Choices

ATLANTA, Ga. – Producers who use a self-propelled windrower to harvest both hay and small grain will appreciate two of the newest models from Hesston. They include the Model 8110 and the 8110S.

Available with 21-, 25- or 30-foot shiftable draper header, 15-, 18-, 21-foot center delivery draper header, or 14- or 16-foot auger header, the machines are easily adapted to any harvest situation. Both models also feature a 3.9 liter (238 cubic inch) Cummins diesel engine for plenty of power in heavy crops and rolling terrain. The only difference is that the 8110 is naturally aspirated and produces 75 horsepower and the 8110S is turbocharged to produce 96 horsepower.

To put that power to the ground the 8110 and 8110S feature a high-capacity tandem hydraulic pump connected to high torque, fixed displacement motors on the drive wheels. A ground speed control mechanism, which is standard on the 8110S and optional on the 8110, further reduces the effort required to move the ground speed control level and to maintain its position in uneven ter-



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rain.

The header is powered by dual pumps for hydraulic draper drive and hydraulic reel drive. Each system has its own pump to keep the draper and reel from slowing down or stalling in heavy conditions.

Compared to the Model 8100 they replace, the 8110 and 8110S also features larger tires for reduced compaction and an improved ride. Another difference is the new engine compartment panels that provide better access to the engine and radiator. Both side panel shields swing upward, while the rear shield swings open for access of the back of the windrower.

## Tire Features Greater Traction, Power Transfer

GREENVILLE, S.C. – Featuring greater section width and lug surface than standard section tires, the new low profile, low pressure BFGoodrich brand® Power Radial™ 70 from Michelin North America Inc. increases traction capabilities and reduces soil compaction.

Due to its low profile and large contact patch, the Power Radial 70 delivers an excellent transfer of horsepower on today's more powerful machines. As a result, it yields greater traction and less slippage to deliver improved fuel economy and lower costs per acre. The tire's low air pressure design

promotes low levels of soil compaction which enhance crop health and increase productivity.

The Power Radial 70 offers an exceptional ride due to its flexible sidewalls. Special Continuous Cleaning Contours™ between lugs offer superb self-cleaning of the tire, even in soft soils, for maximum traction and stability. A special rim flange protector prevents dirt and debris from penetrating between the bead and rim for greater endurance. The Power Radial 70 eliminates changeover costs since it can be mounted on the same rim as a standard 80 series tire

## Grain Belt Heads Boost Combine Threshing Capacity

NEW HOLLAND (Lancaster Co.) – New Model 994 grain belt heads for New Holland TR™ and TX™ combines let growers match their combines' superior threshing capacity in any crop condition, said Product Manger Gary Wojcik.

The new draper headers are available in 25-, 30-, 36-, 39-, and 42-foot widths. Users report the 994's uniform crop flow and positive feeding substantially increase overall per-hour threshing capacity.

Model 994 draper belts deliver the crop to the combine feeder house heads-first to boost effective threshing capacity. Bat or tine reels with optional fore-aft

adjustment provide positive crop flow across the sickle to the draper belts.

A self-contained hydraulic system drives the sickles and draper belts. Flow control and divider valves permit draper belt speed adjustment. Pressure gauges permit hydraulic performance monitoring from the cab.

A deck shift option allows use as a swather to windrow crops. Wojcik noted this allows the unit to substitute for a large capacity SP grain windrower with the combine serving as the power unit for growers who desire maximum flexibility. Integral transport wheels and towing hitch eliminate the need for trailers.

## New Options For Herbicide

ST. LOUIS, Mo – Monsanto recently received approval from the Environmental Protection Agency to expand the use of Roundup Ultra™ herbicide in Roundup Ready® soybeans.

The new label guidelines expand the timing for Roundup Ultra use and clarify rate recommendations," said Jerry Flint, Monsanto Roundup Ready technical manager. "These new guidelines reflect research results and the experiences of thousands of Roundup Ready soybean growers over the last two years.

In-crop applications of Roundup Ultra can now be made to Roundup Ready soybeans from cranking throughout flowering. The maximum rate of Roundup Ultra has been increased to 96 ounces per acre in-crop, with a maximum of 64

ounces per acre for any single application

Monsanto has also adjusted treatment recommendations for annual control of labeled weeds in Roundup Ready soybeans, noted Flint. "The new recommendations are based on growers' experience with different weed pressures in different parts of the country. They are designed to meet growers' expectation for weed control in Roundup Ready soybeans and improve the Roundup Ready system's already outstanding value.

The following are general guidelines; the label also has recommendations for specific annual and perennial weed problems. Growers should always read and follow label directions:

Midwest and Mid-Atlantic

Regions

• Use a single application of Roundup Ultra at 32 ounces per acre when annual weeds are 4 inches to 8 inches high. If weeds reach 8 inches to 18 inches increase the rate of Roundup Ultra to 48 ounces per acre.

• In wide-row soybeans, of if canopy closure is delayed or slow, late weed flushes may require sequential applications of Roundup Ultra. Recommended rates are: 16 ounces per acre if weeds are 1 inch to 3 inches high, 24 ounces per acre if weeds are 3 inches to 6 inches high, and 32 ounces if weeds are 6 inches to 12 inches high.

• The total amount of Roundup Ultra applied in-crop must not exceed 96 ounces per acre.

## Weather Pattern Calls For Improved Tillage Strategy

BRILLION, Wis. – It seems that whatever the problem is lately, the cause is the same. El Niño.

Unusual cold spells, unusual warm spells, too much snow, not enough snow, deer population explosions, and even a stock market plunge all get blamed on El Niño.

But what exactly is El Niño and how does it effect crop producers?

El Niño is a periodic weather phenomenon caused by temperature changes in the Pacific Ocean. This event occurs every two to seven years when westward-blowing trade winds subside, allowing warm water to move eastward across the Pacific, disrupting the natural up-welling cool, nutrient-rich water from deep in the ocean. As a result, fish die, winds change course, and climates change across the globe.

"In El Niño years, cloddy seedbeds can be a problem, so



**Within El Niño years, cloddy seedbeds become a problem. A pulverizer can break up clods, level the field, and improve seed germination.**

seedbed preparation is even more critical than ever," said Gary Wallander, technical service specialist for Brillion Iron Works Inc., Brillion, Wis. "Consistent seed-to-soil contact is one of the most important factors in assuring uniform germination. "And the quality of your seedbed preparation is the most important factor influencing seed-to-soil contact."

A tillage system that includes

a modern high clearance field cultivator and a pulverizer, can improve soil conditions by leaving adequate residue to conserve soil moistures, break up clods, level the field, and firm up the soil to provide good seed-to-soil contact. The firm seedbed also increases capillary action, which draws soil moisture up from deep in the soil profile

"A kit of people who quit using pulverizers are now seeing the benefits again," noted Wallander. "In fact, many seed company representatives report that the seed often gets blamed for spotty germination, when the true cause is poor seed-to-soil contact.

"It's time to get back to what Mother Nature tells us," said Wallander. "You need good seed-to-soil contact to make seeds germinate. And nothing provides this seed-to-soil contact in all conditions better than Brillion's Commander System."

## New Warehouse And Production Facility For Renaissance Nutrition

ROARING SPRING (Blair Co.) – Renaissance Nutrition, Inc. headquartered here, has announced the opening of its new warehouse and production facility, in Roaring Spring.

The 30,000 square foot building houses the company's computer-controlled weighing, mixing, and bagging equipment, warehouse, and loading docks.

Renaissance Nutrition, founded in 1985 by Craig Brown, is a full-service livestock vitamins and mineral premix company.

Brown said, "The rapid growth of our business required additional warehouse space and manufacturing capabilities. We will gain efficiency from the state of the art equipment and by consolidating office, production, and warehouse locations. This investment maintains our leadership position within the industry and ensures quality products and timely service. We are confident in the future of dairy and livestock agriculture. The new facility shows our dedi-

cation to our distributors, customers, and the industry.

"Various locations were considered for the new operation. When current and future business opportunities, availability of raw materials, and highway and railway access were considered, Roaring Spring proved to be the ideal site

More than 70 Renaissance

Consultants operate throughout the Northeast and mid-Atlantic States. They market a complete line of mineral premixes and specialty products for dairy and livestock producers. Approximately 70 percent of their total sales are base mixes formulated to balance the ration for an individual dairy operation.

## Claas Offers Cutting System On Four Different Balers

COLUMBUS, Ind – Claas of American has introduced the latest innovation in baler efficiency aimed at improved economics of operation and easier product handling, the Roto Cut™ cutting system.

The system is designed to cut the material being baled so the bale is pre-processed for feeding or bedding.

The Roto Cut cutting system features a heavy-duty helical rotor which provides even feeding of the material through the

knives. The cutting knives are spaced to provide a theoretical cut length of 2-3/4 inch and are spring-loaded for protection against foreign material. The knives can be engaged and disengaged by operating a switch on the cab-mounted control box.

Claas offers the Roto Cut system on their Rollant™ 46 fixed chamber and Variant 180 variable chamber round balers, the Quadrant™ 1150 mid-size, and Quadrant™ 1200 large square balers.