



# NEW MAGNUM TRACTORS MEET MID-SIZE NEEDS

THREE NEW 150- TO 180-PTO-HP MODELS EXPAND THE MAGNUM TRACTOR LINE TO EIGHT

### THE ONLY PIECE OF EQUIPMENT YOU NEED THAT ISN'T RED.





"Our Case skid steer is so comfortable and easy to operate. On our dairy farm, we can easily run the equipment for 10-12 hours a day. Plus, it's the most reliable skid steer we've ever bought. Really. We tried other manufacturers, and nobody can match Case dependability." Jim Theunis, Tinedale Farms

### **EXPECT MORE.** 410 | 420 | 430 | 435 | 440 | 445 | 450 | 465

We engineered reliability and a whole lot more into the new Case 400 Series 3 line of skid steers. They feature Tier III-certified turbocharged engines that deliver more horsepower and torque. Our new cab features more room, better visibility and ergonomically designed controls. We even give you more "little things" like heated seats and MP3 player options. Want more? We have more than 75 skid steer attachments. Plus, Case IH gives you world-class service from over 800 dealers, and access to 24/7 Case IH customer support. It all adds up. You can depend on Case and Case IH equipment to help keep your farm running from sunrise to sunset.

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#### ON THE COVER:

Three new Case IH Magnum tractor models — the Magnum 180, 190 and 210 — are full-featured row-crop tractors for applications best handled by a Magnum-sized tractor in the 150- to 180-PTO-hp range.

### 4

#### **ADVANCES IN PRODUCTIVITY**

New Magnum tractors meet mid-size needs

MONEY MATTERS

New economic incentives encourage farm equipment purchases

PRODUCT FOCUS

Irrigation power units meet new demands

CASE IH OWNER PROFILE

CASE IH OWNER PROFILE

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Max Service — Instant Access

**EQUIPMENT SHOWCASE** 

CASE

**CASE IH UPDATE** 

New Case IH Web site

### **ONLINE EXCLUSIVE**

#### FIRST OWNER REPORT

A pick-your-own grower picks a new Farmall. www.caseih.com/farmforum



#### **OUR MISSION:**

To provide you with information about Case IH equipment, trends in agriculture and growers' experiences to help you successfully manage your farm business.

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### STRONGER TIES

In challenging times, relationships you can count on become ever-more valuable. At Case IH, we know you're facing higher stakes and more uncertainty in your farming or ranching business. This is an environment where Case IH dealers can add more value to you.

Their solid advice about equipment performance and acquisition options can help you make decisions that can lower your costs per acre or per unit.

Their prompt response to your product support needs can reduce unexpected downtime.

To help Case IH dealers meet your expectations on points like these, we've strengthened and expanded the Case IH resources available to them, and you.

For example, we've put more Case IH product specialists into the field to support your Case IH



dealer with their special insights. They can accompany your dealer to your farm to help assess your equipment needs and to make sure your equipment is performing at its maximum potential.

We've developed new interactive electronic tools Case IH dealers can use to help select and match the best equipment systems for your operation. Advanced programs for determining equipment productivity, and identifying optimal tractor weighting and ballasting are examples.

Some of these tools, such as our Machine Builder, are available online at the newly upgraded Web site, www.CaselH.com.

We've introduced the Max Service toll free number to make it easy for you to contact Case IH for any question you may have. While your Case IH dealer is always your primary contact, Max Service is available for additional information and support. Call it for general information during regular business hours, or to initiate Emergency Breakdown Assistance on eligible equipment 24 hours a day, seven days a week.

The stream of more productive Case IH products continues. In fact, 2009 will be a record year for Case IH product launches. One example: The new Early Riser 1260 32- and 36-row planters with innovative features such as a patented steerable rear axle. These planters will set new standards for planting efficiency.

Agriculture is dynamic, challenging and changing. Case IH and Case IH dealers are changing, too, to meet your farm equipment expectations at every level. Be confident that Case IH is ready to serve those who demand more.

Jim Walker

Vice President North American Case IH Agricultural Business



Visit Case IH on the World Wide Web at www.caseih.com.

im Walter

# **NEW MAGNUM TRACTORS**

### THREE NEW 150- TO 180-PTO-HP MODELS EXPAND THE MAGNUM TRACTOR LINE TO EIGHT

When you need big power, Case IH Magnum tractors bring it.

But there are lots of applications where you want the overall balance, stability and performance features of a big row-crop tractor, without needing the maximum horsepower.

Maybe it's as your second tractor to a big four-wheel drive. Maybe it's your planter tractor, a big baler tractor, or the tractor that spends a lot of time with a big grain cart. Or, it could be the big tractor on a mid-sized farm.

It's for these situations that

RM FORUM SPRING 2

Case IH introduced three additional Maanum models at 150 to 180 PTO hp. Designed for mid-sized row-crop applications, the new Magnum 180, Magnum 190 and Magnum 210 join the five higher-horsepower Magnum models from 175 to 275 PTO hp.

These three new models are full-featured tractors for applications that are most efficiently handled by a Magnum-sized tractor, but without the big horsepower needs.

A 6.75-liter engine powers them, joining the 8.3- and 9.0liter engines powering the higherhorsepower Magnum tractors. It's a modern design 6-cylinder 24-valve turbocharged and intercooled electronically controlled engine that is Tier 3 compliant. When Case IH-approved maintenance practices are followed, it can use B100 diesel.

It sits in the same front cast iron Surround frame used for all Magnum tractors and drives through an 18-speed full powershift transmission that's similar to the larger Magnum tractor transmissions but sized to the lower torque rating. A 540/1000-rpm PTO is standard.

Built in Racine, Wisconsin, on the same assembly line as the high-horsepower Magnum tractors, the Magnum 180, 190 and 210 have the spacious industryleading 109-cubic-foot Surveyor cab used on the higher-horsepower Magnum models and ride on the same 118-inch wheelbase.

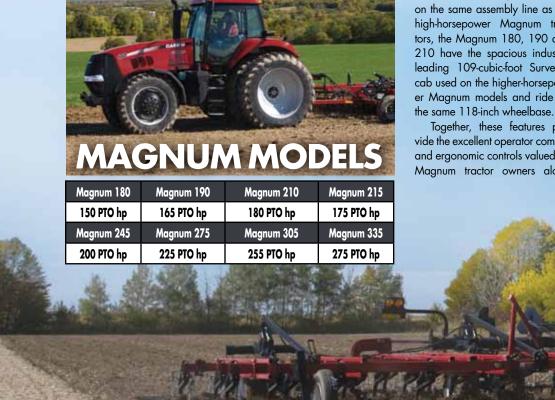
Together, these features provide the excellent operator comfort and ergonomic controls valued by Magnum tractor owners along

with a lighter overall footprint, outstanding fuel efficiency and a new entry-level purchase price.

### A new level of electronic control

The Magnum 180, 190 and 210 models share the new Case IH MultiControl Armrest. This next-generation ergonomic control module features an all-new control handle which combines engine speed, gear selection, shuttle shifts, remote hydraulics, and hitch and end-of-row functions.

With it, your right hand performs all tractor movement functions plus primary hydraulic commands without ever leaving the control handle.



The MultiControl Armrest also includes an integrated control panel with pressure-sensitive switches to engage or adjust the tractor's performance features. Examples include draft control and hitch functions, end-of-row commands, frontwheel assist and automated shifting programs such as Auto Road and Auto Field.

Electronic systems help these tractors operate at maximum efficiency. Constant Engine Speed control allows the engine to run at reduced rpms while holding that engine speed under varying load conditions. It helps save fuel by reducing the need to run at maximum engine speed.

The electronically controlled engine's Power Boost feature delivers up to an industry leading 35 additional horsepower, depending on the model, in transport gears, in mobile PTO operations, or when hydraulic loads through the remote valves require more power. Power Boost takes place automatically, and a Power Boost icon on the instrument cluster illuminates when the extra power is being delivered.

### Efficient row-crop performance

In the field, all these capabilities come together for peak efficient row-crop performance. Hydraulic capacities, at 35.7-gpm pump flow with electrohydraulic controls, and three-point hitch capacities at 10,900-pounds maximum lift (13,600 pounds optional) make these tractors well-matched to planting and seeding equipment within their horsepower range.

The long wheelbase provides a stable platform for hitch-mounted work, and a 16-foot best-in-class turning radius allows tight turns on headlands. Choose the optional suspended front axle for a smoother ride and a more consistent application of power on rougher ground conditions. All Magnum tractor models are factory-ready for Case IH AFS AccuGuide autoguidance systems.

At a typical operating weight of around 20,000 pounds with duals before ballasting, the three new Magnum models are well matched to most tillage applications.

With eight models in the Magnum tractor family, there's one that will be perfectly sized to your row-crop production needs.



With the addition of the new Puma 225 model, the Case IH Puma long-wheelbase tractor series now includes five models from 135 to 195 PTO hp. They share the 6.75-liter engine and 18-speed full powershift transmission from the Magnum 180, 190 and 210 models in a configuration designed for general farming tasks.

These Puma models are efficient for applications where maneuverability is key, such as loader work, hauling and PTO work. Livestock chores and haying operations are examples. Compared to the new Magnum models, they're lighter by about 2,000 pounds, shorter in wheelbase by 4 inches, and have a more compact cab and smaller overall profile.

The multitask capability of these Puma models is further enhanced by the new Continuously Variable Transmission (CVT) option with its stepless range of ground speeds and smooth quick changes between forward and reverse. With more than a decade of CVT experience in Europe, the Puma CVT has been specifically developed to meet North American farming operation needs.



### **NEW ECONOMIC INCENTIVES ENCOURAGE FARM EQUIPMENT PURCHAS**

⇒LAST YEAR'S SECTION 179 PROVISIONS ON NEW AND USED EQUIPMENT ARE EXTENDED ⇒LAST YEAR'S 50% BONUS DEPRECIATION ON NEW EQUIPMENT IS EXTENDED ⇒ DEPRECIATION SCHEDULES CUT TO FIVE YEARS FROM SEVEN

Farmers stand to benefit in 2009 from the incentives the U.S. Government put in place to help stimulate the economy. Notably, the American Recovery and Reinvestment Act of 2009 extends into 2009 key provisions from the Economic Stimulus Act of 2008:

- The Section 179 deduction on new or used equipment continues at \$250,000.
- The Section 179 Maximum Investment limitation continues at \$800,000. The Section 179 Deduction is phased out for each dollar of purchases exceeding \$800,000.
- The first-year 50% bonus depreciation on new equipment

Also, the Emergency Economic Stabilization Act of 2008 allows that most 2009 farm equipment purchases can be depreciated faster:

 Most farm equipment depreciation is reduced to five years from seven. This includes any machinery or equipment (other than any grain bin, cotton ginning

### **DEPRECIATION COMPARISON FIVE YEARS VS. SEVEN**

	2008	2009	CHANGE
Yr 1	10.71%	15.00%	4.29%
Yr 2	19.13%	25.50%	6.37%
Yr 3	15.03%	17.85%	2.82%
Yr 4	12.25%	16.66%	4.41%
Yr 5	12.25%	16.66%	4.41%
Yr 6	12.25%	8.33%	-3.92%
Yr 7	12.25%		
Yr 8	6.13%		
TOTAL	TOTAL 100.00% 100.00%		
NOTE: This example based on MACRS, half-year convention, and 150 percent declining balance.			

If you are in a position to benefit from reduced tax payments through equipment purchases, you should consult with your tax advisor to identify the estimated net financial impact equipment purchases would have in your

"Using the tax-advantaged opportunities available to you is part of good financial management," Biewer adds. ■

operation for 2009 and beyond.

asset, fence or other land improvement) used in a farming business where the original use begins with the taxpayer after December 31, 2008 and is placed in service before January 1, 2010.

Together, these incentives can generate substantial depreciation deductions, as the charts show.

"New capital equipment sales are a key component of a strong U.S. economy, which is why the government is introducing more ways to stimulate sales," explains Tim Biewer, director of marketing for CNH Capital.

New equipment purchases have long been accepted as a good way to reduce taxable income and income taxes, especially in high-income years. Now, this newest incentive lets you depreciate equipment faster, and as a result, potentially realize higher deductions each year.

	There	are	other	factors	favor-
ing	new e	quip	ment	purchas	es:

### Warranty coverage on new equipment eliminates the potential of major unexpected repair costs.

•	New	equipn	nent	brings
impro	vements	in	produ	ctivity,
efficie	ncy an	d opera	ator co	mfort,
helpin	g you	realize	more	value
from the investment.				

Scalon 17 / academon.	\$250,000	
50 percent bonus depreciation:	_	
Normal first-year depreciation:	_	15%
Total first-year depreciation deduction:	\$250,000	
TOTAL PURCHASES:	\$500,000	
Eligible purchases:	\$500,000	
Section 179 deduction:	\$250,000	
50 percent bonus depreciation:	\$125,000	
Normal first-year depreciation:	\$ 18 <i>,</i> 750	15%
Total first-year depreciation deduction:	\$393,750	
TOTAL PURCHASES:	\$1,000,000	
Eligible purchases:	\$1,000,000	
Section 179 deduction:	\$ 50,000	
50 percent bonus depreciation:	\$ 475,000	
Normal first-year depreciation:	\$ 71,250	15%
Total first-year depreciation deduction:	\$ 596,250	
<u> </u>		

**POTENTIAL 2009 DEPRECIATION DEDUCTIONS** 

WITH STIMULUS PLAN INCENTIVES

\$250,000

\$250,000

\$250,000

\$2,000,000

\$2,000,000

\$

\$1,000,000

\$ 150,000

\$1,150,000

15%

**TOTAL PURCHASES:** 

Eligible purchases:

**TOTAL PURCHASES:** 

**Eliqible purchases:** 

Section 179 deduction:

50 percent bonus depreciation:

Normal first-year depreciation:

**Total first-year depreciation deduction:** 

Section 179 deduction:

NOTE: These scenarios are based on five-year MACRS property with half-year convention and 150% declining balance for 2009. Some states may not allow the additional deductions outlined in this table.

This article was developed in cooperation with CNH Capital. CNH Capital provides a comprehensive range of services, including wholesale and retail financing, leasing, insurance, asset management, and revolving lines of credit, for the global marketplace. Building on more than 50 years' experience in the equipment finance industry, CNH Capital is helping Case IH dealers and well over half a million customers throughout North America, Latin America, Europe and Australia.

CNH Capital and Case IH dealerships do not provide tax, legal or accounting advice. Customers are strongly encouraged to seek their own professional advice on the proper treatment of these transactions.

## IRRIGATION POWER UNITS MEET NEW DEMANDS

### **NEW POWER UNITS SHARE FEATURES WITH OTHER CASE IH EQUIPMENT**

As with every capital investment on the farm, upgrading or replacing irrigation power units deserves a fresh look at the choices to identify the best fit for your operation. In fact, in some locales, there are government incentives in place to encourage the replacement of older gasoline, LP or diesel irrigation power units with new diesel engines that meet current emissions standards.

Case IH has fully developed its line of irrigation power units to offer models to fit the needs of any irrigator needing new or upgraded stationary power.

The Case IH line includes six models from 71 to 245 hp. All but the largest two models meet Tier 3 emission standards. Notably, all use mechanically controlled fuel delivery systems, meeting the emissions regulations without requiring costly electronic controls.

Unlike some other competitors in the irrigation engine market, Case IH has developed its irrigation power units to have a high degree of commonality within the line, and with other Case IH-powered equipment on the farm.

"A lot of irrigation power units are built by local distributors and outfitted in many different ways," says Tanner Hoffman, marketing manager for engines with CNH Parts and Service.

"We've developed a line that meets the same standards for performance and durability shared by global Case IH products." The power units' 4.5-, 6.8- and 8.3-liter engines are widely used in Case IH equipment. Many maintenance products such as filters and fluids are the same, reducing the need for owners to stock multiple items. Service practices are similar, too, and all items are available through the Case IH parts channels.

The Case IH irrigation power units are built to meet the demanding needs of stationary power applications, where they're expected to operate hundreds of hours at a time.

The base engine is mounted on a frame with forklift pockets for easy handling and positioning. Premium quality radiators are mounted cleanly and protected from the elements by a sheet metal housing finished with a durable dry coat paint. Complete hood housings are available as an option to protect the units from the elements.

Highly efficient two-stage air cleaners include restriction gauges to signal replacement time.

Vernier self-locking speed control cables let you set and hold precise engine speeds. The engines are also equipped with shutdown protection systems for low oil pressure and high temperature as well as coolant level protection, standard. Oil level shutdown protection is available as an option.

Each newly designed Case IH irrigation power unit model is evaluated to meet Case IH engineering standards for overall performance and quality prior to its release. "This

is another point of difference for Case IH engines compared to our competition," says Hoffman.

By being a core part of the Case IH product line, each irrigation power unit carries a two-year 2,000-hour warranty with extended plans available. They're also eligible for financing through CNH Capital. "Every North American full line Case IH dealer can sell, service and finance these power units," Hoffman adds.

#### Reliable and fuel efficient

In the field, Case IH irrigation power units have established a reputation for reliable, fuel efficient performance. That's a benefit of using engines with the most current technology, notably the 4.5- and 6.8-liter models. The 8.3-liter engine powering the largest two models has been proven and highly regarded in Case IH Magnum tractors and Axial-Flow combines.

"We've responded to customer requests with cleanly styled and efficient power units that have a high degree of commonality with other



TIER 3 EMISSIONS COMPLIANT MODELS			
Model	Engine	Нр	Torque (ft-lbs)
P70	4.5 liters	71	295
P85	4.5 liters	95	308
P110	4.5 liters	114	387
P170	6.8 liters	160	567
TIER 2 EMISSIONS COMPLIANT MODELS			
PX215	8.3 liters	214	718
PX240	8.3 liters	245	823

Case IH products," says Hoffman.

"This, and their Tier 3 emissions compliancy, makes these engines a good choice for operators wanting modern, efficient and reliable power units."



### **CASE IH IRRIGATION POWER UNIT FEATURES**

- Built in a dedicated power unit facility to meet Case IH engineering standards.
- High degree of commonality with other Case IH engines for parts and maintenance items.
- Covered by Case IH two-year 2,000-hour warranty.
- Clean modern styling with durable dry coat finish.
- Full weather protection including 85-degree curved exhaust stacks and rodent-proof gauge panels.

# BACKTO THE BASICS

### A WEST TEXAS COTTON GROWER SEES A STRONGER BOTTOM LINE WITH A MIX OF CONVENTIONAL PRACTICES, EFFICIENT TRACTORS AND NEW TECHNOLOGY.



ale Kitchens looks at his fleet of six Case IH Magnum tractors in a different light as he prepares for his 2009 cotton crop. Those tractors are going to see more hours, and play a more important role in crop production, as Kitchens turns toward conventional cotton and away from traited cotton varieties and their total reliance on chemical weed control.

Kitchens, of Slaton, Texas, isn't shy about embracing new practices and technologies. If things work, he'll run with them; if not, he'll move on. "You can be close-minded, that's for sure," he says.

He farms about 7,100 acres, with about three-quarters of it in cotton, plus about 1,000 head of cattle in a cow-calf and feedlot operation.

Forces that have shaped his move toward more conventional cotton production practices include the rising costs of the traited varieties and related crop inputs, and the greater efficiencies he's seeing from his equipment, especially after investing in an RTK autoguidance system four years ago.

Add the fact that improvements in conventional picker variety cotton yields are better than the traited varieties on Kitchens' farm.

The result, he says, is a bottom line pointing him toward treating weeds with steel rather than chemicals. About half of this year's crop will be conventional cotton.

#### **West Texas challenges**

Growing cotton in West Texas poses a few unique challenges. Water is sparse, averaging about 18 inches per year. That's enough for dryland picker cotton varieties, which are typically planted with every third row skipped for improved water efficiency. Higher-lint picker varieties can really thrive with irrigation, which is available but costly. Kitchens' operation is about half irrigated, half dryland.

Wind is another factor. Windblown sand can destroy newly emerged crops. Area growers fight this with post-emerge cultivations using rotary hoes and specialized implements designed to rough up the soil surface.

Those sand-fighting trips have to be taken regardless of the cotton variety, and it's another reason why Kitchens says the traited varieties are less competitive. "When we have wind problems, we're going to be running through the field a few times anyway, so we're already incurring that expense."

Kitchens says the RTK guid-

### "RTK GUIDANCE HAS GIVEN US THE ABILITY TO PLOW CLOSE AND TIGHT."



With this 28-foot Case IH RMX370 disk, a Magnum 275 tractor and RTK autoguidance, Kitchens' son Kelly works the ground efficiently and comfortably.

ance system greatly added to his confidence in replacing chemicals with cultivation. Its sub-inch accuracy lets even inexperienced drivers put in a full day in the field with no crop loss.

"The RTK guidance system is an investment I have not regretted. It cost a lot upfront, but it's given us the ability to plow close and tight, even with less experienced operators," he says.

With his plans for more cultivation in place, Kitchens has looked harder at the overall efficiency of his tractors. The six Magnum tractors – three Magnum 305s and three Magnum 275s – were all delivered factory-equipped for autoguidance for easy integration into his existing system. He ordered them with suspended front axles to eliminate the possibility of power hop during heavy draft loads, and found other benefits.

The smooth ride was much easier on equipment as well as operators. "Before the suspensions, we were breaking the bolts that attach our two 300-gallon saddle tanks. Now, we're not replacing bolts," he says.

The tractors' smoother operation also improves planter performance. Because the front of the tractor is not bouncing up and down on rougher terrain, his hitch-mounted planters maintain more consistent seed placement, especially at higher speeds.

"I like the simplicity of the



Case IH suspension compared to others I've seen," Kitchens adds. "This new version, with dampening both up and down, works very well for us."

Advances in the tractors' electronic controls are helping Kitchens cultivate more efficiently. His operators are using the tractors' performance monitors to identify the most efficient engine rpm and ground speed, then engaging Constant Engine Speed Control to maintain it.

"We continue to reduce engine speed, with a lot of our cultivation now done around 1,550 rpm. We're running three days on a 12-row 40-foot wide cultivator – about 500 acres – on one tank of fuel.

"That's why I like these bigger tractors," Kitchens adds. "They're bigger than what we need for cultivation, but they're efficient when we throttle back. Then we'll use all the horsepower the tractors have for heavy tillage."

Other features of the Magnum tractors earn his praise. For example, the electronic hydraulic flow control lets him fine-tune hydraulic performance. "Just about all

Kitchens used a Case IH Module Express picker like this one in his high-yielding irrigated cotton. "In heavy three-bale cotton, it will pick two bales to one over a stripper," he says.

my implements fold, and the flow control's helpful for that, as it is for running orbital motors."

He says the tractors are easy to service, with convenient spin-on fluid filters that are easy to reach. "That's important," he says. "When service is easy there's a better chance it gets done."

Across the board, Kitchens has invested in new efficiencies to help drive down his cost of production. He's using a new Case IH 1200 Series 12-row 40-inch stackerbar planter with variable-rate on-the-go population control. Advantages include more efficient use of seed by increasing rates on higher-potential areas and reducing rates on marginal areas, notably the dry corners on irrigated fields, by simply tapping the rate control on the AFS Pro 600 in-cab monitor rather than changing gears.

Kitchens says the 1200 Series

planter, with its large seed disk, handles planting speeds in the 7 to 8 mph range while maintaining accurate populations and seed spacing.

He's planning to increase his grain sorghum acreage, and says the 1200 Series planter is a good match for that crop. "The crop specialists here say accurate and consistent spacing is critical to making good sorghum yields."

As Kitchens' cotton yields have increased, especially on irrigated land, he added a Case IH Module Express 625 cotton picker to his fleet of two cotton strippers to handle the heavier crops.

"In the heavy three-bale cotton, that Module Express will pick two bales to one over a stripper," he says.

The Module Express 625's ability to build a conventional cotton module on the go delivered added efficiencies. "Not having

the boll buggy, the module builder and the two tractors in the field is

With fuel-efficient tractors and RTK guidance systems, Dale Kitchens plans to beat cotton weeds with more steel and less

and the two tractors in the field is certainly an advantage, and the modules are user-friendly for the gin. They don't have to do anything different to handle them."

On all his Case IH equipment, including an Axial-Flow 2588 combine, a Patriot 3320 sprayer and a pair of MXM155 tractors, he says the operator training seats are welcomed. "I can be in the cab with a new operator, talking with them as they go through the field. That's really helpful."

Kitchens sees his new practices helping increase his profitability on cotton. Moving into more grain sorghum acres will prove beneficial too, he believes.

He's also interested in opportunities that are on the horizon as the nation looks to agriculture for new solutions to energy challenges. For example, he's participating in a project to bale cotton stalks for processing into fuel pellets. They could replace coal with a fuel that releases lower levels of greenhouse gas forming emissions.

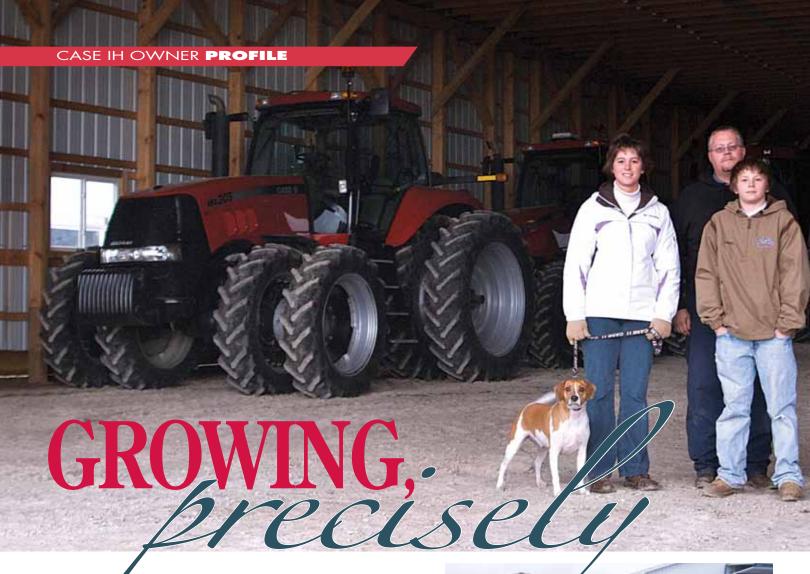
A new variety of grain sorghum with improved digestability of the stalks has his attention, too. "If that works, we can bale the stalks for a good cattle feed. That will be another plus for sorghum."

As Kitchens explores these new practices and opportunities, he says his Case IH dealer and CNH Capital financing play a key role.

"Having a good equipment dealer is important, and the people at my Case IH dealer take care of me. They understand my operation and help make everything flow better."

"I've been in a tractor just about as long as I've been walking," Kitchens adds. "Farming's in my blood, and I enjoy doing it."





### A MICHIGAN FARMER APPLIES NEW PRACTICES TO MEET AGRICULTURE'S CHANGES

"Ten years ago, I never thought we'd be working ground for other people, and feeding other people's cattle," Tim Stutzman says. But in today's agriculture, that's what it takes to keep us going."

Tim continually looks for ways to keep his family's Morenci, Michigan farm growing in an economic landscape that's much different than what his father, David, faced.

"I farmed 670 acres and fed several hundred cattle here for nearly 30 years," David says. "Now Tim's farming 6,000 acres and feeding 1,500 head. This operation has gotten a lot bigger than I expected it to."

Tim, who started farming with his father shortly after college,

says growth is what it takes to maintain a viable family farming operation that includes his wife Angela, three sons David, Daniel and Nick, plus his parents and grandparents.

A turning point for the operation came in the mid-1990s, when the economics of feeding cattle stalled. "We couldn't buy yearling cattle, feed them and turn a profit," Tim says. "We needed to empty the barns or do something different."

About that time, a nearby dairy was expanding. Its owner expressed an interest in having the Stutzmans buy the dairy's bull calves.

The arrangement worked, and continues today. It's led to the



Tim and David Stutzman say custom farming plus raising their own crops provides good diversification and helps spread equipment costs.

Stutzmans custom feeding beef cattle in addition to their own. They also custom-farm 1,500 acres for the dairy.

The Stutzmans see custom farming as diversification that helps them spread their equipment investment, and gives them a revenue stream that's independent of their farm.

"With custom farming, we know the exact income we're going to get. On our own crops, we may get a pretty good income, or we may not," explains David.

### Embracing site-specific technologies

While farming always presents the likelihood of variable income, Tim has embraced new technologies to help him manage inputs for maximum returns.

He was an early adopter of



The Stutzman family – Angela and Tim with sons Daniel, David and Nick – run a cash grain and custom feeding operation. Tim credits adopting new practices and arrangements, such as site-specific technology and custom farming, for keeping the operation growing.

nitrogen rates to soil potential.

"For example, on lower CEC areas, I'll plant corn at 28,000 plants per acre instead of the 36,000 populations planted on more productive areas, and apply 110 pounds of nitrogen instead of 160 pounds. I know that if we have a good growing season, those lower-productivity areas will still reach their full yield potential, and I didn't waste any seed or nitrogen."

Varying soil types help make the Stutzmans' site-specific prescription farming efforts worthwhile.

"In one field, we might see six soil types, ranging from 2 to 15 percent organic matter," Tim says. "For us, the economic benefits of variable rate technologies are huge."

He pegs his annual overall investment in variable rate technology at a little over \$1 per acre and calculates savings averaging \$18 per acre, primarily through reduced seed and fertilizer rates on lower-productivity soils. "Every acre is farmed before we go to the field," Tim says.

The Stutzmans' application of technology has led them to host an annual "Center of Excellence" field day in conjunction with their Farm Service Agency ASCS and NRCS offices to showcase and discuss new crop production technologies.

They count on a fleet of late-model Case IH equipment to handle their crop production and livestock needs. Tractors include a Quadtrac 500 and a Steiger 435, a Magnum 335, 305 and 255, and two loader-equipped tractors, a Magnum 240 and a Maxxum 110. They run one Axial-Flow 8010 combine. Thanks to its massive harvest-

ing capacity, it's been able to replace the two 2388 Axial-Flow combines – one owned and one rented – they had run previously.

The equipment gets a workout. In addition to their 4,500 acres of corn, soybeans, hay and wheat, the 1,500 acres they custom-farm is primarily silage. Handling that, plus tending their livestock, results in lots of tractor hours spent feeding, hauling and packing silage, hauling and spreading manure, plus all the crop work.

New soil management implements and practices are helping the Stutzmans reduce trips and improve soil tilth. A 35-foot Case IH True-Tandem 330 Turbo vertical tillage tool is proving to be a good one-pass implement for corn ground going in to beans. "We run it fast, up to 10 mph behind the Quadtrac, and fairly deep, and it shreds the stubble," Tim explains. "It's going to be a key implement for us."

In-line ripping, made easier with the RTK guidance systems on their tractors, has loosened compacted soils.

The custom farming responsibility prompts Tim to place a higher value on reliability. "If our equipment is down, our customer is nervous," he says. "That's why it's advantageous for us to keep updating our equipment."

Having the acquisition options offered by CNH Capital through his Case IH dealer helps: The combine and the two 305s are leased; the other tractors are financed, all through CNH Capital.

The Stutzmans' history with Case IH dates back to David's purchase of the first Magnum tractor sold by their Case IH dealer, a 7120.

"We buy Case IH equipment because we think it's better, and we get excellent service from our dealer," David says.

Looking ahead, Tim sees more work with variable rate technologies, with variable rate nitrogen studies on wheat underway. And, there's always interest in expanding, he says, especially if one or more of his three sons comes on to start the third generation of growth and innovation.

### site-specific farming technologies. He started by grid sampling all his fields for fertility and cation exchange capacity (CEC), which gives an indication of the soil's

"Soil sampling's the first step," he says. "Then the combine's yield monitor can tell us if we're

doing the right thing."

nutrient retention capacity.

Armed with detailed soil maps and site-specific yield information, Tim developed prescriptions for variable-rate planting, seeding and fertilizer applications.

His local agchem supplier provides variable-rate spreading of phosphorus, potassium and lime. Tim has variable-rate controllers for his anhydrous ammonia applicators, and his planter is equipped with variable-rate drives.

After nearly a decade of variable-rate site-specific practices, he's seeing benefits including matching seed populations and

### THREE SONS, THREE WINNERS

"Stutzman" was a familiar name in the cattle ring during the 2008 Lenawee County fair in Adrian, Michigan. The Stutzman brothers David, 17, Daniel, 15, and Nick, 12, won Senior, Intermediate, and Junior Showmanship with their steers, and David won Grand Champion Showmanship. The honors continued with David's steer winning overall Grand Champion and Daniel's calf being named reserve champion feeder calf.



"I couldn't have been prouder," says their grandfather, David. Grandson David has been showing cattle since he was 9. "I love doing it; it's definitely a good hobby for me," he says.

After the fair, the boys each pick out a new calf at a neighbor's farm and work with it throughout the winter. They show at "jackpot shows" throughout the region to build their showmanship skills and possibly capture some prize money prior to fair season.

The Lenawee County Fair – Michigan's longest running county fair since 1839 – enjoys active livestock competition with its 4-H and FFA programs. Annually, the Stutzman family as well as their Case IH dealer are among the buyers of the fair's junior livestock auction animals.





### MAX SERVICE BENEFITS

Max Service is your entry point into Case IH. Call the Max Service number 1-877-4Case IH (1-877-422-7344) and . . .

- Select Option 1, available through normal business hours for answers about the Case IH dealer network and general product information. You can get dealer locations, set up product demos and test drives, request credit information, make a parts or service request, and check on equipment warranty or order status. You can even explore employment or dealership opportunities within the Case IH family.
- Choose Option 2 when missioncritical equipment\* is down and you can't wait for regular business hours to get up and running. This option, staffed 24 hours a day, seven days a week, will initiate Emergency Breakdown Assistance.

Whether you call your dealership or the Max Service Customer Center, Emergency Breakdown Assistance gives your repair top priority. Your dealer and the Max Service team work together, track progress at every stage, and make sure you get the parts and repairs you need, when you need them.

\* Ask your dealer about equipment qualifications.

How do you compare equipment? By how well it's built? How much power it has? How easy it is to adjust and operate?

Sizing up how well a machine is matched to your task is a logical part of the purchase process. Experienced buyers know there's more to consider beyond what you can see, touch and measure: It's the level of support offered by the product's manufacturer. When special situations arise, having them resolved quickly can be a welcomed point of difference.

In 2008, Case IH introduced its Max Service program to provide a central point of contact for anyone seeking information about Case IH products and services, as well as Emergency Breakdown Assistance for owners of Case IH Steiger and Magnum tractors, Axial-Flow combines and Module Express pickers.

Now this successful program has been expanded to include a broad range of Case IH products.

Anyone can call the Max Service toll-free number (877) 4CaselH (877-422-7344) for information about Case IH products and services such as literature requests, dealer location information and credit applications.

Owners of late-model inwarranty Case IH equipment have the additional benefit of accessing Max Service Emergency Breakdown Assistance.

When an "equipment down" situation can't be resolved in a timely manner, Max Service can enlist a wide range of Case IH resources on a priority basis on your behalf.

For these equipment down situations, Max Service is staffed 24 hours a day, seven days a week by representatives who can initiate the actions necessary to get your eligible equipment working again, should unexpected issues occur.

The Max Service network is in place to support, not replace, your Case IH dealer. In fact, in most situations, it's your Case IH dealer who will contact Max Service, if needed, for special assistance to get your equipment back into service promptly.

At times when your dealer might not be available, you can initiate the call to activate the 24/7 Emergency Breakdown Assistance. The Max Service representatives will work directly with you and your Case IH dealer to resolve your situation.

Max Service solutions range from expedited parts shipments to enlisting the services of Case IH technical specialists . . . whatever is necessary to restore your equipment's performance.

Just like the warranty coverage that's included on new equipment, there's no additional cost for Max Service, or any

charges incurred for its use.

Max Service provides added peace of mind and confidence by maximizing uptime. It increases the value of your Case IH equipment and strengthens the support provided by your Case IH dealer.



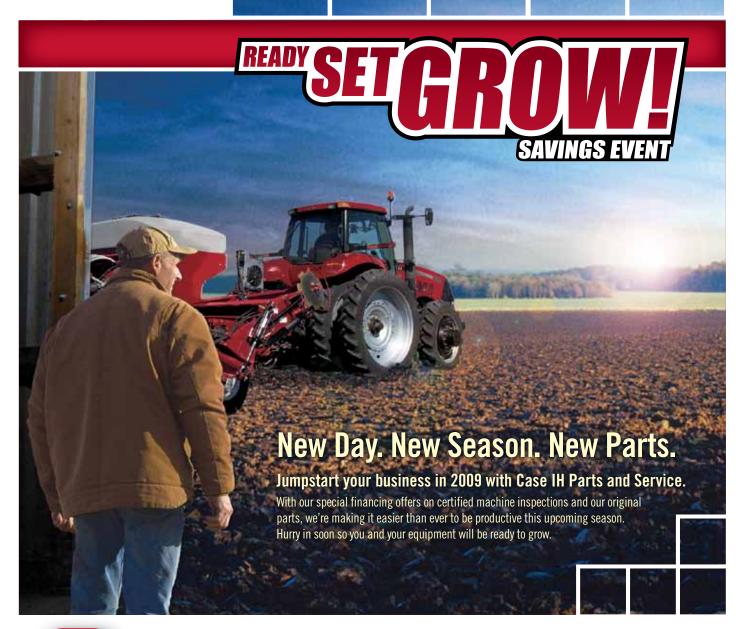
### **EMERGENCY BREAK-DOWN ASSISTANCE**

All of these Case IH models have the added advantage of Emergency Breakdown

Assistance coverage:		
Tractors:	Steiger, Magnum, Puma, Maxxum	
Harvesting Equipment:	Axial-Flow combines, Cotton Express and Module Express pickers	
Planting and Seeding:	1200 Series planters, Precision Air carts and Flex Hoe Air Hoe drills and Precision Disk No-Till Air drills	
Application	Patriot sprayers	

Equipment:







### PARTS NOW. PAY LATER.



NO Interest, NO Payments on all genuine Case IH Parts and Service.\* 90 Days on \$500 or more

\*For commercial use only – not intended for personal, family or household use. This offer applies to purchases of \$500 or more of genuine Case IH parts and related services made using the CNH Capital Commercial Revolving Account during a single visit to a participating Case IH dealership located in the United States or Canada now through June 30, 2009. If any payment when due is not made on other balances outstanding under the account, the promotional terms may be terminated and the promotional balance will be subject to the applicable default rate prior to the expiration of the promotional period. Once the promotional period is terminated or expires, CNH Capital America LLC or CNH Capital Canada Ltd. standard terms and conditions will apply. Minimum monthly payments will be required and finance charges will begin to accrue (in Canada at 18.9% per annum). Customer participation subject to credit qualification, available credit and good standing on all CNH Capital America LLC or CNH Capital Canada Ltd. accounts. Not all customers may qualify for this rate or term. Program subject to change or cancellation without notice.

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# CASE IH

Case IH continually introduces new and updated equipment. Here's a look at several new products that can bring new efficiencies to your farming operation.

### **NEW EARLY RISER 32- AND 36-ROW PLANTERS BRING MAXIMUM CAPACITY AND TRANSPORT EASE**

A Case IH-designed and built toolbar provides the platform for the new Early Riser 1260 planters. The robust 12-inch by 12-inch toolbar carries 36 row units on 20- or 22-inch spacings on three sections. A five-section configuration is used for 32- and 36-row models on 30-inch spacings.

These new Early Riser 1260 planters combine the proven, highly accurate Early Riser row units and 1200 Series Advanced Seed Meter seed delivery components with the new toolbar to provide a high capacity and highly maneuverable row crop planting system.

Patented caster wheels on walking beam axles carry the planter's weight in the field and on the road. All wheels run between the rows. The three-section unit has eight wheels supporting it; the five-section unit has 12.

In transport mode, the Early Riser 1260

planter puts less than 3,300 pounds on the tractor drawbar. Ground clearance during transport is an ample 38 inches. A patented steerable rear axle lets you maneuver the planter through tight field openings and back it easily into storage areas. Row markers fold flat for transport and are designed for full-time field use, if needed.

The new Early Riser 1260 planters have twin 60-bushel seed hoppers and can be equipped with a 600-gallon mounted liquid fertilizer tank. A new larger 8-inch diameter fan delivers seed to the row units. Two hydraulic drives power the seed meters on the 36-row 20- and 22-inch models; four hydraulic drives power the 32-row 30-inch and 36-row 30-inch models. All planter functions are handled by the AFS Pro 600 touch-screen monitor.

These new planters are the latest addition in the broad line of precise and productive Case IH row crop planters and seeding systems.

Learn more at www.caseih.com >



### **NEW AFS GPS RECEIVERS**

Two new AFS GPS receivers provide the next step in guidance technology. The AFS 262 receiver is a low-profile combination GPS receiver and antenna that offers a choice of accuracy levels. The AFS 162 receiver is a low-cost all-weather Differential GPS (DGPS) smart antenna for less demanding applications.

Both feature Transcend technology that includes the latest generation of Global Navigation Satellite System (GNSS) chipsets and processors. They also have OnPath filter technology to reduce drift and improve accuracy, even in the absence of Satellite-Based Augmentation Service (SBAS) corrections.

The AFS 262 replaces the AFS 252 receiver, using the same cabling and configuration. It's a dual frequency L1/L2/L-band receiver which provides more channels, better signaling and more accuracy options.

Options include sub-inch RTK, 4-inch OmniSTAR HP. 6- to 8-inch pass-to-pass OmniStar VBS or 6- to 8-inch SBAS corrections, including the U.S. Wide Area Augmentation System (WAAS). These accuracy options can be purchased separately to match your specific applications.

The AFS 162 receiver is a combined antenna and GPS L1 receiver capable of SBAS corrections. It provides DGPS information to equipment that accepts NMEA data. Radar speed output allows users to control their variable rate controllers without additional speed indicators. It's an economical option designed for yield monitoring or field mapping and is AFS Autopilot compatible.



Case IH Patriot sprayers can be equipped with technologies to help you gain maximum effectiveness from costly crop protectants and realize the full potential of these high-capacity sprayers.

The exclusive AIM Command system manages pressure and droplet size independent of speed and rate. You can slow down over rough ground and have the confidence that your application rate will stay constant. Also use AIM Command to increase droplet size for drift control while maintaining accurate rates and coverage. It's available on Patriot 3185, 3330 and 4420 models.

Choose the AutoBoom option to maintain accurate boom height over rolling terrain. The AutoBoom system uses ultrasonic sensors that constantly monitor the distance between the boom and the ground and automatically adjusts to maintain the operator's selected height.

The result is consistent spray patterns, rather than the irregular applications that could result from a boom that's too high or too low.

AutoBoom options include two or four sensors (recommended on 120foot booms) and two or four sensors plus gauge wheels for hillier terrain.

The AccuBoom automatic section control system works with the Case IH Viper Pro rate controller and a GPS system to automatically turn off boom sections when the sprayer enters areas that have already been sprayed, and restarts the sections when the boom moves beyond the applied area.

This feature, together with the application map on the Viper Pro display, gives you unmatched ability to avoid overlaps and perform site-specific spray treatments.

Patriot 3330 and 4420 sprayers can be factory-equipped with Case IH AFS AccuGuide autoguidance systems. This precise automated steering greatly reduces operator stress and improves sprayer accuracy.



### ECOLO-TIGER 870 HANDLES HEAVY, TOUGH CROP RESIDUES

The Case IH ecolo-tiger 870 has the heft and design features to slice, mix and level residues from tough high-yield Bt corn crops. Put it in the field following the combine. Big 24-inch individual or 26-inch cushion gang Earth Metal disks easily slice through residues and displace residue mats. Blades run at a spacing and angle agronomically determined to provide optimal residue sizing, soil mixing and residue flow. Chisel shanks with Case IH tiger points on 24-inch centers lift, twist and roll to remove hardpan and restore pore space for improved air and water holding capacity. The optional double-edge reel sizes larger clods, levels the surface and firms residues to the soil for improved erosion resistance and faster decomposition. The ecolo-tiger 870 is designed for working speeds up to 7 mph. Choose from four models: 7-shank 14-foot; 9-shank 18-foot; 11-shank 22-foot; and 13-shank 26-foot, the largest disk ripper in the industry.

### CASE IH PRODUCTS HONORED IN MAGAZINE POLLS

Two Case IH products earned honors in two national farm magazine reader polls.

Farm Industry News announced the new Case IH Axial-Flow 9120 combine earned one of its FinOvation Awards. These are awarded to the most innovative products



coming to the market during 2008, based on the magazine's readers' interest.

At 523 maximum engine horsepower, the Axial-Flow 9120 combine delivers the highest harvesting horsepower in the industry. This Class 9 combine, with its industry-leading power and massive crop throughput capacity, is the choice for the biggest headers and the most demanding crop conditions.

No-Till Farmer magazine readers ranked Case IH Early Riser planters as the best in the No-Till Equipment category.

Case IH Early Riser planters, with their Early Riser Row units, have long



been favored by no-till farmers for their ability to deliver superior seedto-soil contact, consistent depth control, and early consistent emergence in a wide range of soil conditions.





# NEW CASE IH WEB SITE CREATED FOR THOSE WHO DEMAND MORE

Case IH has upgraded its Web site with bold new images, more features, and more information.

The new site, <u>www.CaselH.com</u>, welcomes you with strong images of new products and a user-friendly layout for easy navigation.

As you'd expect, there's the full range of detail from a dealer locator function to product descriptions to current company news releases.

Current offers, programs and events are highlighted at the bottom of the opening page.

Each product overview is supported with subsection headers that access pull-down menus for more detailed information.

These product detail sections include a "print" command to provide you with a nicely formatted print version of the product information. Basic specifications are also available in PDF form.

You'll find a selection of fresh new photography in the "gallery" section showing the equipment in action.

Each product section includes access to the Case IH

Machine Builder, through the "build" command. There, you can select, equip and price the product you're interested in, choosing from the full range of configurations and options.

Many of the product sections also include a "compare" command. This tool lets you compare specifications of a Case IH model you're interested in with similar competitive models.

CaseIH.com is truly a gateway to the full range of Case IH resources. Select "Parts & Service" to access the Case IH Online Parts Catalog. There, you can find parts numbers for hundreds of models of Case IH and legacy branded machinery. Schematics of the parts display the surrounding components to help you identify any related items you might need for the repair. Print the schematic for machine-side reference as you complete the job.

Choose "Used Equipment" to access two Case IHsupported used equipment locators.

www.CaselHused.com lets you search Case IH dealer inventories for all makes of used equipment, and contact





the listing dealer via phone number or e-mail.

The new <a href="www.EquipmentAlley.com">www.EquipmentAlley.com</a> takes your used equipment search to the next level with live online bidding and expanded services.

Select "Merchandise" to go to the Case IH e-store featuring two licensed vendors of Case IH branded wearables and merchandise. It's all available for online ordering, as is the high-quality Case IH brand book, For Those Who Demand More. We Are Case IH.

There's much more . . . the "Pressroom" with company news releases and "About Us" with a Case IH events calendar and other information. You can even access current and back issues of the Case IH Farm Forum and Canadian Farming magazines.

The new CaselH.com has a lot of information to help you learn about new Case IH equipment, select parts and make repairs, and shop for used equipment.

The site will be updated frequently; visit it often.

### EQUIPMENTALLEY.COM OFFERS LIVE ONLINE BIDDING FOR USED EQUIPMENT

A new international Web portal, <u>www.EquipmentAlley.com</u>, is a centralized source to find, buy, list and sell used agricultural and construction equipment that includes live online bidding and buying.

Sponsored by CNH Capital Asset Remarketing, EquipmentAlley.com has been developed as a true global used equipment marketplace with features including language translation, payment calculators and currency exchange.

The general public can view and buy Classified Listings by contacting the listing dealer, while dealers, distributors and commercial users (farmers, contractors, etc.) can advertise equipment and participate in online bidding and buying.

All makes of used farm equipment can be listed on the site, along with construction equipment, commercial lawn and garden equipment, commercial vehicles and trailers, back lot equipment, and parts and accessories.

Visitors can click on "Hot! Closing Soon" to browse auction listings that will close within a determined time frame. "New Listings" displays equipment posted to the site over the past 24 hours. "Category Watch" searches for equipment based upon your criteria, and sends an automatic e-mail when a match is posted to the site.





Through its sponsorship by CNH Capital, online credit applications and financing options are available.

EquipmentAlley.com includes support for buyers and sellers online or by phone at (800) 930-6591. CNH Capital's asset remarketing staff also offers pricing, transportation and import/export services.

### ONLINE EXCLUSIVE FIRST OWNER REPORT

### A PICK-YOUR-OWN GROWER PICKS A NEW FARMALL

SIMPLE AND EFFICIENT, A FARMALL 95 HAS THE COMFORT AND PERFORMANCE HE NEEDS

Summer heat, pesky deer flies and a couple of good strawberry crops encouraged Hortonville, Wisconsin farmer George "Sandy" Cuff to seek out a new tractor for his pick-your-own strawberry and pumpkin farm.

His acreages aren't big – only 25 acres each of strawberries and pumpkins – but the crops, notably strawberries, require a lot of cultivation. A tractor plays a key role, and Cuff wanted a better one. A new Case IH Farmall 95 has more than met his special needs.

You can read more about Cuff's decision to purchase the Farmall 95 tractor online at www.caseih.com/farmforum.



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