

# FARM FORUM

www.caseih.com | FALL 2007

**CASE IH**  
AGRICULTURE

## CELEBRATE!

Three key Case IH products  
reach milestone anniversaries



**CNH CAPITAL:** A tradition of financial innovation

**HY-TRAN HERITAGE:** There's a special story behind Hy-Tran

# Celebrating INNOVATION



*Jim Walker*

**Jim Walker**  
Vice President  
North American Case IH  
Agricultural Business

Many of us in agriculture are of an age where we can look back a few decades. We can remember the ways our parents and grandparents farmed, and recall the great innovations in equipment and practices that made their jobs easier and more productive.

At Case IH, we're proud to continue this flow of innovation with full recognition of the past.

It's been 50 years since word started getting around about those big lime-green tractors called Steigers. They invented and defined the high-horsepower tractor category with equal parts of big power and big reliability.

Thirty years ago, the Axial-Flow combine appeared on the scene. This revolutionary machine set new expectations for grain quality and harvesting performance. Axial-Flow combines immediately began building a reputation for less kernel damage, a cleaner sample and easier maintenance.

Twenty years ago, in one of the most eagerly anticipated tractor introductions ever, Magnum tractors were unveiled. They greatly raised the bar for row-crop tractor performance and proved that the newly combined Case IH organization was continuing its heritage of innovation and leadership.

2007 is an anniversary year for these three exceptional products. To celebrate their significance, we have developed special anniversary logos that will appear on all current models of Magnum and Steiger tractors and Axial-Flow combines.

And, in another linkage of the past and present, we have prepared special "Gold Signature" edition Magnum and Steiger tractors. These distinctive limited edition models – 100 Magnum tractors and 50 Steiger tractors – are a tribute to the Gold Demonstrator tractors International Harvester produced to promote its new models in the late 1960s and early 1970s. These eye-catching tractors will generate that same kind of excitement today.

These anniversary products carry on their traditions of continual improvement. The new Magnum 305 and the Steiger 535 tractors are the highest-horsepower models to ever carry Magnum and Steiger names and have numerous improvements for fuel efficiency, comfort and productivity.

Deliveries recently began on the Axial-Flow 7010, the newest model in the Axial-Flow combine family. It's sized to be the next step up in productivity over the Axial-Flow 2588, with the operating ease and control of the Axial-Flow 8010 systems.

Like all Case IH products, these newest models are sold and serviced by knowledgeable and professional Case IH dealers and can be financed through CNH Capital . . . celebrating 50 years of serving agriculture with a broad range of financial services and a commitment to helping its customers grow and prosper.

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**Revolutionary in design at their introduction 20 years ago, Case IH Magnum tractors continue to offer class-leading features and performance. One hundred special "Gold Signature" Magnum and 50 "Gold Signature" Steiger tractors signify these tractors' 20th and 50th anniversaries.**

### 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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## Three key Case IH products reach milestone anniversaries

# CELEBRATE!



### DEMONSTRATOR GOLD

In the late 1960s and early 1970s, International Harvester created special Gold Demonstrator tractors to create visibility for new models in the marketplace. To celebrate the Magnum and Steiger tractor milestone anniversaries, and to acknowledge the International Harvester heritage, Case IH has produced 100 Gold Signature Edition Magnum 305 tractors and 50 Gold Signature Edition Steiger 535 tractors. Gold Signature Edition models are being displayed at fall farm shows, and are allocated to the top selling dealers of the two models.

All 2008 model Steiger and Magnum tractors produced by Case IH plants in Fargo, North Dakota and Racine, Wisconsin, will carry a commemorative anniversary decal. Anniversary tours at the two tractor plants are planned for 2008, and specially designed promotional items, including limited edition scale models and fine art prints are available. Contact your Case IH dealer or visit [www.caseih.com](http://www.caseih.com) for more details.



### 20th Anniversary Magnum tractors

One of the most eagerly anticipated product introductions in the history of the farm equipment industry took place in Denver, Colorado, in August 1987. There, hundreds of dealers representing the new company resulting from J.I. Case's acquisition of International Harvester packed into the Denver Coliseum to see the unveiling of the first new tractors designed and produced

by the combined companies.

When the curtains lifted, the smoke cleared, and the spotlights shone brightly, the dealers cheered and applauded loudly. The new tractors they saw were big, they were bold, and they were red.

The new Magnum tractors, with their cab-forward design and fully integrated MFD, were one more example of the innovative leadership International Harvester had been known for, and a clear signal to the dealers that this new company, with a heritage dating back to the beginning of mechanized agriculture, was starting on the right foot.

Now, 20 years later, the

Magnum tractors have built a legacy second-to-none for exceptional performance, reliability and durability. Magnum tractors are in service around the world, performing in the most demanding agricultural applications. Many have clocked thousands of hours with little more than routine maintenance. The Magnum transmission, in particular, has earned a "bulletproof" description.

Those first Magnum tractors were a resounding success, giving the newly formed Case IH dealer body a truly superior product to sell. Longtime Case and IH customers realized this was the company they could grow with.

Older tractors that were produced and/or any tractor without ROPS installed must not be used unless they are fitted with a Case IH approved ROPS. Contact your local dealer for information regarding installing an approved ROPS on your tractor. Your life may depend on it.



### 50th Anniversary Steiger tractors

In the mid 1950s, Minnesota farmer John Steiger wanted a more powerful tractor than the manufacturers offered. Steiger, along with his sons Douglas and Maurice, took matters into their own shop and built the tractor they envisioned. Based on an in-

novative articulated design that proved both simple and durable, their tractor put 238 engine horsepower to work through four powered wheels at a time when no commercially available ag tractor topped 100 hp.

That first tractor, built in 1957, did what the Steiger family wanted it to do. And, it drew a lot of

attention. They built a few more tractors to meet the growing demand, and by 1963, the Steiger brothers were officially in the tractor manufacturing business.

From the outset, these big, rugged tractors were the choice of progressive growers who wanted the ultimate in power and performance. Carrying names such as

Wildcat, Bearcat, Puma, Cougar and Turbo Tiger, the distinctive green tractors made the word Steiger synonymous with uncompromised performance.

In 1986, Tenneco, then parent company of Case IH, bought Steiger Tractor Inc. and its Fargo, North Dakota manufacturing facility. By 1988, the first red Steiger tractors – 9100 Series models – began rolling off the assembly line.

Today's line of Steiger tractors represent a special legacy. After 50 years and more than 50,000 tractors, they deliver a basic design built by innovative farmers enhanced many times over by world-class engineering and production resources.



### 30th Anniversary Axial-Flow combines

It was revolutionary in 1977 . . . a combine with one big slow-turning rotor running lengthwise through the machine, instead of one quick hard pass under a small fast-turning cylinder. Seeds are gently rubbed free of their hull, pod or cob, often rubbing against other crop material instead of hard steel.

These new International Harvester Axial-Flow combines set new expectations for grain harvesting. Owners immediately saw a higher quality sample that

often resulted in higher premiums or reduced dockage. Over time, they realized that the Axial-Flow combines were simpler to operate and easier to maintain than conventional combines.

Current Axial-Flow combines incorporate more than 30 years of ongoing improvement and refinement. Virtually all systems have been improved with the goals of increasing throughput and reliability while maintaining superior threshing performance and simple operation.

The newest generation models, Axial-Flow 7010 and 8010, use that same proven single-rotor design, combined with greatly increased throughput systems and state-of-the-art technology for monitoring and control.







# SEPARATELY TOGETHER

**An Indiana family takes a simple approach to farming together.**

**T**here are lots of options for bringing the next generation into the family farm. The Reinkes, of Dale, Indiana, took a simple approach: They just let it happen.

Max and Ila Jean Reinke took over Max's father's operation in 1961, all 210 acres. They ran a dairy, raised three sons and a daughter, started a short line farm

sales business and Max served as a full-time mail carrier. "Looking back, I don't know how we did it," Max says. "Things were a little hectic."

But things were also falling into their own roles. Their oldest son, Bob, gravitated toward the farm; middle son Steve preferred the farm equipment sales, and youngest son Dan liked farming,

as well. They let the labor-intensive dairy go in 1976.

Today, that structure continues, with Bob and Dan farming, and Steve working with the short-line sales business, primarily silage, grain and manure handling equipment, and Max coordinating it all.

From the time the sons be-



**The Reinke family, from left: Steve, Dan, Case, Kathy, Bob, Ila Jean and Max. They've evolved into a structure of separate ownership and shared labor that works for them.**

"That's how we started out, and it works for us."

While their thoughts on ownership structure haven't changed, they've looked harder at how they plant, manage and harvest their crops. Mainly, they've put an increased emphasis on timeliness, driven in part by fickle weather and increasingly costly crop inputs.

Like other southern Indiana farmers, the Reinkes are seeing more extremes in the weather, from periods of drought to annual rainfall topping 70 inches, nearly twice the annual norm.

They've responded with larger equipment that can cover more ground, faster. Their fleet includes three Case IH Steiger tractors — a 380 and a 9370 used for tillage and a 9330 Row Crop Special for planting — and an 8950 Magnum tractor, also used for tillage and planting. They also have an MXU110 tractor with a loader for mowing and chores.

With a mix of heavy bottom ground and lighter hill soils, the Reinkes say they prefer the predictability of conventional or min-till tillage practices that include chisel plowing and disking prior to planting. "These soils can stay cool and wet in the spring," Bob says.

This fall, they're harvesting their first crop with a new Axial-Flow 7010, which replaced the one 2388 they'd been using. With approximately 15 percent greater capacity over the 2388, it gives them a welcomed step up in timeliness. Along with an 8-row corn head, they bought a 30-foot 2062 flex draper header for soybeans. "I saw the header work in soybeans last fall, and it looked like a better choice. There was no shattering," Bob says.

"It may sound like we have a lot of equipment here, but we handle the farm ourselves. The

**"THE PLANTING AND HARVESTING WINDOWS SEEM TO BE GETTING SHORTER, AND WE WANT TO GET THE CROP IN AND OUT ON TIME."**

— Max Reinke

planting and harvesting windows seem to be getting shorter, and we want to get the crop in and out on time," Max adds.

Simply switching to Case IH equipment has helped improve overall timeliness, the Reinkes say. Their first red machine was an Axial-Flow combine they purchased in the mid-1990s. "We had neighbors with Case IH equipment, and they didn't have the downtime we did, so we decided to make the move," Bob says. "And, we get excellent service from our Case IH dealer."

Using Case IH equipment has also introduced them to CNH Capital, which they use for equipment financing. "It's an easy source of credit, and they've had excellent rates," Bob adds.

To help protect the increasingly costly investment the Reinkes

have in each crop, they've added crop insurance to their list of crop protection practices. They had not used it until 2002, when Bob purchased some. It was a timely move for that drought year. "Now, we consider crop insurance a 'must have,'" Bob says.

Other steps they've taken to help the bottom line include looking harder at corn variety selections, increasing corn planting populations, and adding to their on-farm grain storage, now approximately 275,000 bushels. Being only about 20 miles from an Ohio River grain terminal gives them good marketing options.

The Reinkes have deep ties to their community. Among them, they serve on the conservation board, school board and fire department. Bob's wife, Kelly, is a deputy sheriff, and Dan's wife, Kathy, is a project sales manager at a local furniture company. During *Farm Forum's* interview, she was nearing the end of her maternity leave after the birth of their son, Case Isaac Hayden Reinke.

"We started talking about names, and Danny suggested 'Case.' Then we thought of the other names we liked, and it all came together," Kathy says.

**This Steiger 380 is the Reinkes' newest tractor, used mostly for tillage. They are placing an increasing emphasis on timely fieldwork.**



gan farming, they have kept operations separate while they've worked together. Each owns their own land and equipment, purchasing the size and type of equipment that can be shared on their combined 2,400 acres of corn and soybeans. For example, Bob has the most acres, so he owns the combine; others own the tractors and planting equipment. Labor's a bit of an equalizer; they all pitch in to get the fieldwork done.

"We have our own farms, and keep separate income and expenses," Max explains.





# SIMPLER SOLUTIONS

**EXPECT MORE CROSS-PLATFORM INTERACTION FROM AGRICULTURAL ELECTRONICS**



**Look for single displays such as this Case IH AFS Pro 600 monitor to replace multiple in-cab electronic displays and controllers, as the industry adopts common standards for electronic communication between different makes of tractors and implements. The AFS Pro 600 performs a wide range of monitoring and controlling functions and can be transferred from tractors to combines.**

## AFS PRO 600 ONLINE TUTORIAL

Do you own an AFS Pro 600 Monitor? The Case IH website includes a detailed tutorial that will walk you through the monitor's extensive capabilities. It's available at [www.caseih.com](http://www.caseih.com) >products >precision farming >customer support >AFS pro 600 monitor tutorials.

Have you wondered, as you installed yet another monitor or controller into your tractor cab, how many more electronic boxes can you handle? Will the day come when your tractor cab resembles a NASA control room, with banks of displays and controls?

Farm equipment manufacturers also recognized that possibility. The good news is that agricultural electronics are being designed to common operating standards. This will reduce the need for multiple components.

Much of the credit goes to an industry standard called ISO 11783, an electronic communications protocol developed to bring a level of standardization to agricultural electronics.

Components that adhere to it will be able to interact, much in the way that a PTO coupling of any manufacturer's implement will fit the PTO shaft of any make of tractor. Granted, electronics are a bit more complicated, but the concept is the same.

As ISO 11783 compliance becomes more widespread, expect to rely on one fully featured monitor to control most equipment operation and control.

For example, the Case IH AFS Pro 600 monitor meets ISO 11783 standards. Mounted in a tractor, it interacts with ISO 11783 compliant guidance systems. Attach an ISO 11783-compliant planter from another manufacturer and the AFS Pro 600 will manage all planter functions. And, that same AFS Pro

600 monitor can be transferred to your Axial-Flow combine for total monitoring and control including site specific yield mapping. Actions that may have required several monitors or controllers are now handled by the single display.

As technology continues to advance, ease of operation is a priority. The cross-manufacturer compatibility enabled by ISO 11783 and the ability of one monitor such as the AFS Pro 600 to perform multiple functions are examples.

## 120 MILLION ACRES OF RTK NETWORK COVERAGE

In August, Case IH precision farming systems provider and technology partner Trimble, along with Case IH dealer Kunau Implement of DeWitt, Iowa, celebrated the 120 millionth acre of Trimble AgGPS RTK network coverage in North America as Kunau expanded its Signal RTK network. Kunau Implement owns and operates the Signal RTK network in eastern Iowa.

Independent agricultural retailers including farm equipment dealers and farm supply companies have become leaders in providing the RTK base stations and repeaters needed to broadcast the continuous GPS correction signals for automated steering with +/- 1-inch repeatable accuracy.

In North America, more than 40 such networks are equipped with Trimble AgGPS RTK systems. An individual 100-foot tower covers an average of 100,000 to 120,000 acres.



**A Dutch family builds a high-tech dairy in Canada.**

# GOING FOR GROWTH

In the early 1990s, Kees Hogendoorn had two things on his mind: the desire of his son, Kees, to farm, and the restrictive regulations the Dutch government was placing on farmers. Expanding their 45-head dairy in Holland would be difficult because of restrictive policies, but without expansion, young Kees' farming opportunities were limited.

Kees Sr., who also worked full time in construction, and his wife, Tineke, had farming friends who had immigrated to the Baden, Ontario area a few years before, and liked it.

In 1994 he turned a trip to the Royal Agricultural Winter Fair into a farm shopping trip, with his friend showing him some properties.

"My friend showed me a few farms, and I bought one," Kees Sr. says. With a positive "can do" spirit and a vision for growth, the Hogendoorns sold their farm in Holland and built a state-of-the-art dairy that embraces technol-

ogy and economies of scale.

They took a clean-slate approach to building their vision of an ideal dairy. Their first step was to build a double-8 herringbone milking parlor and a free-stall barn with cow mats, later adding a sand-bedded barn. Forty-foot cement bunk silos were laid, along with ample storage for bulk commodities for total mixed rations. Expecting to milk about 100 head, the Hogendoorns found the economies of scale would let them expand rapidly. Currently, they are milking 400.

At every step, the Hogendoorns applied the latest technologies. It's most obvious in the dairy, where ankle bracelets on the milk cows provide detailed information ranging from milk production to increased cow activity levels that signal pending heat cycles. The milk production data is also linked with feeding programs so that each cow gets the right ration based on which produc-

tion group she's in.

"This system tells us everything," Kees Jr. says. "And, in the nighttime, we go to bed but it keeps working."

Technology has removed the chore of hand-feeding calves. An automated system blends a milk ration for each transponder-equipped calf. When one calf finishes its "automated bottle," another one steps in for its drink. "I only hand-feed the new-born calves," Tineke explains. Calves get an ideal ration, with computer records tracking their progress,

and the labor of hand-feeding is eliminated.

Along the way, the Hogendoorns pushed for high milk production, and attained herd averages as high as 38 liters a day, accompanied by herd health issues. Kees Sr. decided to step away from the "hot" commercial rations and feed a more basic ration of their own farm-grown corn silage, haylage, corn cob meal, wheat, soy meal and dry distillers grains plus minerals and vitamins.

"Production dropped by a few liters, but we have few health problems and our bottom line has improved," Kees Sr. says.

Because feed quality is so important to them, the Hogendoorns have acquired an equipment fleet that helps them be timely in the field and in the feed bunks. They use a Case IH MX255 Magnum for tillage and hauling their feed dump wagons and liquid manure tanks. A loader-equipped MX200 is used for loader chores and for



**THE HOGENDOORNS  
BUILT THEIR VISION  
OF AN IDEAL DAIRY.**



**Tineke Hogendoorn shows two of her daughter's warmblood horses.**

to incorporate manure and rip corn ground and a 4400 Combo-Mulch finisher they use as a final tillage step to smooth out fields. "Smooth fields are important," Kees Jr. says. "We can run faster over smooth fields with less chance of breaking equipment."

A 1200 Series six-row planter has proven to be a good upgrade to their older 800 Cylco planter. "It's the solution to the problem of skips and doubles," Kees Jr. says. "This is a nice planter."

Kees Sr. was introduced to the local Case IH dealer during his initial farm-shopping tour, and began doing business there. "They're the best dealer around," Kees Sr. says. Competitive CNH Capital financing has played a role, too.

The scale of their operation, the infusion of technology and their enthusiasm for what they do has made the Hogendoorns' farm a popular destination for tour groups of farmers visiting Canada from Europe. In the fall, city dwellers view the farm on tours held as part of the nearby Wellesley Fall Fair.

If Kees Sr.'s plans work out, future tours will be looking at a 60-stall rotary parlor and a 600-head milking herd. "Right now, each milking shift takes six hours, and that's too long," Kees Sr. says. "We'd get faster throughput with a rotary."

But regardless of whether the expansion takes place, the Hogendoorns are living a life they could only dream about in Holland. "You have to like the job you do. We really enjoy working with the cows and the equipment," Kees Sr. says.



**Kees Jr. and Kees Sr. Hogendoorn have infused technology into all aspects of their dairy, from transponder-wearing cattle to autoguidance-equipped tractors.**

**They say their newest tractor, a Case IH Puma 210 (above, right), efficiently handles a wide range of tasks with its lighter weight, compared to the MX255 Magnum tractor (left), and high horsepower.**

packing silage in the bunks, aided by a four-ton cement weight they mount to its rear three-point hitch.

They say their newest addition, a Puma 210, is uniquely designed to handle multiple roles. "It has a smaller frame than the Magnum tractors but more horsepower than the MX200," Kees Jr. says. "It's perfect. We use it for planting and mowing, where we don't need a big tractor. Then we

put weights on it to handle the manure tank and dump wagons. The power's there."

True to their interest in technology, the Hogendoorns equipped the Magnum tractors with autoguidance systems. "It saves a lot of overlap with the tillage work and helps us work in the nighttime," Kees Sr. says.

Other Case IH equipment includes a 530B disc-ripper used

## **A HORSE HOBBY TURNS INTO A GOOD BUSINESS**

The Hogendoorns' daughter Karla has turned a passion for horses into a prominent role in the Canadian warmblood horse community. The warmblood horse she brought with her from Holland attracted attention at the shows and competitions she entered.

Sensing opportunity, she returned to Holland, bought six more to train, show and promote in Canada to see if there was enough interest among potential buyers to turn the hobby into a business.

The quality differences of the imported horses, together with her training, caught people's interest, and she was in business. Since then, she has imported and sold more than 140 Dutch warmblood sport horses, and breeds them with imported frozen semen. Her quest for quality has resulted in several notable horses from Hogendoorn Farms including animals named Canada's best young stallions in 2004 and 2006.

With about 40 horses on-site, the Hogendoorns say that having this many horses and a dairy are a good combination, especially for rations. Feed, such as corn silage that can be difficult to manage in small amounts, is easy to feed in a ration modified a bit from the dairy rations, Tineke notes.

In addition to her horse buying, breeding and training skills, Karla is a university-trained chef. Her culinary skills make the post-harvest dinner the Hogendoorns prepare for friends and helpers even more enjoyable. "People definitely enjoy eating here," Tineke says, proudly.



**Karla Hogendoorn jumps with her horse, Roger, a 9-year-old Dutch warmblood gelding.**



# YEAR-END FINANCIAL PLANNING

**Your options for managing this year's income may expire December 31**



**This year's potentially higher income will mean bigger tax payments. Acquiring equipment can reduce your tax liability and put those dollars to work for you. Review your income situation now, before the end of your tax year.**

For many farmers, 2007 will become a year to remember for its combination of strong commodity prices and good yields. If you're fortunate enough to be in this situation, it's important to recognize that along with higher income comes an exposure to higher taxes.

How you choose to manage your income can have a significant impact on the amount of income tax you owe.

Deferring income from one year to another is a common farm income management tool. "Income averaging has always been available to help level out your income from year to year," explains Dwight Aakre, a farm management specialist with the North Dakota State University Extension Service.

But if we're hopefully in a period where these higher commodity prices are sustainable, shifting income into 2008 might not help much this year, and add an even greater tax burden next year.

That's why it's worth revisiting the several tax reduction opportunities the government has

provided to help sustain business profitability.

Likely the most significant is the Section 179 Expense Election. It allows you to deduct \$125,000 of the expense of an asset, plus the normal first year's depreciation. This is an incentive the government put in place to help encourage small business, including farmers, to buy capital goods.

Like most tax rules, there are a few quirks to it. For example, it lets you deduct "dollar for dollar" to the \$125,000 limit for up to \$500,000 of capital goods. If you buy beyond \$500,000 worth of equipment, the deduction declines "dollar for dollar" to the point where, at purchases of \$625,000, your Section 179 deduction is zero. This is also subject to taxable income.

And, there's the "mid-quarter convention" that reduces the total amount you can deduct if you purchase more than 40 percent of your equipment in the fourth quarter of the tax year.

So if you're a person who wants to see this year's crop in the bin or real close to it before you commit to equipment acquisitions, you lose significant tax deductions, right?

Not necessarily. Your equipment financier may be able to structure a lease that lets you acquire and use the equipment now, then purchase the equipment later.

"This could give you the benefit of deductible lease payments while at the same time buying down the cost of the equipment through lease payments," explains Tim Biewer, director of marketing for CNH Capital.

Then, by purchasing the

equipment later, you may gain the full Section 179 Expense Election and normal depreciation allowance for the year, depending on the timing and the amount of the purchase.

This strategy can also help if you're adding equipment in excess of \$500,000. The deductible lease payments won't apply as a capital purchase, potentially giving you the full \$125,000 Section 179 Expense Election deduction on other eligible capital purchases.

Soon, you'll have a pretty accurate idea of your 2007 income. Make time to meet with your tax advisor to identify different scenarios that could help you gain the most value from this year's income. Be sure to analyze all scenarios. For example, Aakre notes that taking additional depreciation in one year reduces the amount available to you later.

But, if you need equipment, purchasing it or leasing it can reduce the amount of tax you owe this year and have you better positioned to plant, tend and harvest next year's crops in a more timely and efficient manner.

*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 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.*

Note: Not all states conform to the 179 Expense Election (as of June 2007 these may include AZ, CA, DC, HI, IN, KY, ME, MD, MI, MN, NE, NH, NJ, OH, RI, TX and WI). CNH Capital or its dealers 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.

# A TRADITION OF FINANCIAL

## CNH CAPITAL CELEBRATES 50 YEARS OF HELPING FARMERS

Making it financially possible for farmers and ranchers to buy the equipment they need is among the many "firsts" Case IH and its legacy companies have developed to help agricultural producers be more successful.

Cyrus McCormick, inventor of the mechanical reaper in 1831, offered credit terms to help spur the widespread adoption of this new technology. Innovative sales support programs have always been a trademark of the companies that evolved from McCormick's foresight and business savvy.

In 1957, International Harvester initiated International Harvester Credit Corporation. Soon, "IHCC" became a familiar term among farmers and ranchers as they used favorable financing terms to acquire progressively more productive – and costly – farm equipment.

Now operating as CNH Capital, this captive financing company continues to serve Case IH dealers and customers with financial products designed to meet their needs.

The primary mission of CNH Capital is to help sell equipment. That's the reason why flexible financing terms to reflect farmers' cash flow situations are a core part of the CNH Capital's offerings.

Because of its alliance with Case IH, CNH Capital and Case IH marketers frequently put together favorable financing

packages for various models of equipment. For many farmers, these special programs have been key to helping them acquire new, more productive equipment.

As the scope of agriculture changes, CNH Capital evolves its business to meet customer needs. For example, leasing is a desirable acquisition option for many producers, and CNH Capital continually offers a wide range of lease options. Short-term credit is a convenience consumers expect today, and the CNH Capital Revolving Account meets this need for financing of a wide range of products and services purchased at Case IH dealers.

Used equipment is becoming a more viable option for many farmers. CNH Capital has responded to this increased interest with the content-rich [eqpower.com](http://eqpower.com) online used equipment marketplace.

Underpinning all these financial products is a dedication to knowing the issues Case IH customers face, understanding their goals and challenges, and meeting these unique needs with favorable financial packages.

CNH Capital enters its 51st year of business with a broad range of financial products including equipment financing, revolving accounts, insurance and asset management, and a commitment to help its customers grow and prosper.



### 'Borrowing's a necessity now'

As young farmers, brothers Derek and Andrew Miller and their cousin Jon Miller acknowledge that things are different from their fathers' times.

"When dad and grandpa were starting out, they didn't have to borrow money for equipment; they just paid for it," Jon says. "But with the cost of equipment, borrowing's a necessity now."

The three, who have joined the family's 3,000-acre cash-grain farming operation near Pleasantville in southern Ohio, held off buying equipment as they farmed rented ground and shared equipment from their parents. This helped them get established, but also left them vulnerable to substantial taxes.

"We didn't have much depreciation to reduce taxable income," Jon says.

They recognized that the family could benefit from a new planter, which they decided to buy together. They met with their Case IH dealer salesperson, who told them that through a limited-time CNH Capital program, he could offer zero percent interest for 36 months on a tractor/planter combination.

"That was a big factor in us making the purchase," Jon explains. "That helped us out a lot. Would a bank do that? No."

This purchase of a Magnum 215 tractor and a 1200 Series 12-row planter was the first equipment financing experience for Andrew and Derek, but Jon had worked with CNH Capital for financing two hay balers when he and a neighbor started a custom baling business at age 21.

"We were looking at used balers, but our salesman showed a way, through CNH Capital, that we could own new ones for similar payments and gain reliability," he says.

Handling the finance discussions through their Case IH salesman, who knows them and understands their business, is an added benefit of CNH Capital.

"To go to the bank and borrow money from someone we didn't know would take more effort and paperwork on our end. Taking care of the financing with the dealer is simple," Jon says.

**Derek, Jon and Andrew Miller use CNH Capital financing to build their stake in the family operation.**



# INNOVATION



## **'There's always a CNH Capital program that works out'**

"Back in 1981, interest rates were tremendous, up around 15 percent," recalls Robert Helbach. "At the end of October, we heard about a program (through then International Harvester Credit Corporation) that offered a discount, 12 percent interest and no interest for a year and a half on 1420 Axial-Flow combines. The dealer said the program started the first of November, and a few days later, we owned a 1420 combine. It was a good little machine."

That first experience with CNH Capital's predecessor company started a relationship that has grown with the Helbachs. Today, he and his wife, Helen, and sons Michael, Kirk and George operate Helbach Farms LLC in Amherst, Wisconsin. In the state's irrigated "Central Sands" region, they grow 2,700 acres of potatoes, green beans, sweet corn and field corn.

With the sons joining the operation in the early 1990s, the family undertook a major expansion into the specialty crops. "We needed to grow to support ourselves, and as opportunities for land and contracts came up, we tried to take advantage of them," Michael explains.

The Helbachs' type of farming requires multiple tractors, and for them, CNH Capital leases have frequently proven to be their best choice. "Especially in some of the tough years, cash for equipment was pretty tight, and leasing worked well," Michael says.

Currently, their equipment roster includes a Steiger STX375 four-wheel drive tractor, an MX245 and two MX210 Magnum tractors, plus several older Case IH models. The four new tractors are carried through CNH Capital; the two MX210 tractors are leased; the STX375 is on a low-rate installment contract.

The Helbachs credit their Case IH salesperson with helping them make the most cost-effective acquisition choices. And, when it's time to make the move, be it a sale or a lease, Michael says the transactions take place with little extra paperwork.

"Everytime we need to make a change with equipment, CNH Capital has a program that works out for us. We've been very satisfied," Robert adds.

**The Helbach family, including Kirk, Robert, and Michael with daughter Abigail, say leasing through CNH Capital is often their most cost-effective equipment acquisition option.**



## **'A good fit for our business'**

At the age of 22, Brent Bedinger had a few years of farming under his belt, working his own rented ground, and sharing equipment from his father, Jim. As they talked about ways to get Brent more involved in the operation, plus balance overall equipment needs, they decided that Brent should own the farm's combine.

At his Case IH dealer, he found a 1660 Axial-Flow combine with a 20-foot platform and a used corn head. At CNH Capital (then Case Credit), he found a way to get it.

"I didn't have much money, and it was a lot easier to lease it than to buy it," he says.

He kept the lease going for four years, then turned it in and purchased a 1688 Axial-Flow combine, financed through CNH Capital. "We look at the bank, and at CNH Capital," says Jim. "CNH Capital usually beats the bank."

Even when rates are similar, the Bedingers say the convenience of handling the entire equipment transaction through the Case IH dealer tips the scales toward CNH Capital for equipment financing.

Jim and Brent plus Jim's stepson CJ McCollum, farm 2,800 acres of corn and soybeans near Catlin, Illinois. Currently, in addition to Brent's 2388 Axial-Flow combine and corn head, the family has an MX240 tractor, a 1200 Series 16/31 planter and two MRX690 chisel plows financed through CNH Capital. And, they use a CNH Capital Revolving Account for parts and service items at their Case IH dealership.

"CNH Capital has been excellent to work with," Jim says. "It's a good fit for our business."

**For Jim and Brent Bedinger and CJ McCollum, the convenience of handling equipment financing at the time of sale is an advantage of CNH Capital financing.**

# CASE IH NEW PRODUCTS

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 STEIGER TRACTORS PEAK AT 589 HP

The new family of Case IH Steiger four-wheel drive and Quadtrac model tractors includes the company's most powerful tractor to date, and improved fuel efficiency across the line.

The Steiger 535, with its 15-liter Cummins engine, is rated at 535 engine horsepower with peak horsepower rated at 589. It's the highest horsepower rating of the five new models, and only model with the 15-liter engine.

Reduced engine rpm ratings and new high-efficiency fan drives help improve fuel efficiency on all models. The Steiger 485 uses Turbo Compound technology to further increase fuel efficiency. It employs two turbochargers. The first performs as a conventional



turbocharger to boost intake air pressure. The second turbocharger uses exhaust gases downstream from the first turbocharger. The energy from this second turbocharger is transferred to the engine's

crankshaft through a set of reduction gears and a hydro coupling.

The Steiger tractors' desirable center-pull drawbar design is enhanced with stronger, heavier components to match the new tractors' higher horsepower and the ability to pull bigger, higher-draft implements. The drawbar swing angle has been increased 29 percent.

All the new models can be ordered with Case IH AFS AccuGuide autoguidance systems factory-installed, an industry first, for fully integrated performance.

The Steiger 335 can be equipped with AccuSteer II, a new steering system for enhanced row-crop steering performance. It provides the industry's tightest turning radius for four-wheel drive tractors, at 12.4 feet.

B5 biodiesel blends are approved for all models. Higher blends can be used – B20 in all models and B100 in the 385, 435 and 485 – by following required Case IH biodiesel maintenance practices.

Steiger model	Engine size	Engine HP	Peak HP	Standard Wheel	Heavy-duty Wheel	AccuSteer	Quadtrac	Scraper Wheel	Scraper Quadtrac
335	9L	335	368	x	x	x			
385	12.9L	385	423	x	x		x	x	x
435	12.9L	478		x	x		x	x	x
485	12.9L	485	534	x	x		x	x	x
535	15L	535	589		x		x	x	x



## NEW MAGNUM 335 RATED AT 275 PTO HP

The most powerful Magnum tractor in its 20-year history is the new Magnum 335. Its 9-liter Case IH engine is rated at 275 PTO hp and peak PTO horsepower of 308.

Internal engine improvements including a new piston design help improve fuel economy by up to 3 percent vs. previous model 9-liter engines.

To maximize the Magnum 335's productivity, several key components have been upgraded. The front axle is rated at 14,850 pounds static capacity to handle more ballast. The standard Cat IVN/III hitch has a lift capacity of 18,900 pounds. And, a new Cat IV drawbar uses a 2-inch

diameter pin to match Cat IV towed implements. It can support vertical loads of up to 11,000 pounds.

Standard hydraulic flow on the Magnum 335 is 46 gpm. A high-flow option provides 62 gpm; a new Twin-Flow option delivers a hydraulic flow rate of 78 gpm.

As on all Magnum models, the MX335 can be specified with a new 19-speed 30-mph (50-kph) transmission package that includes a suspended front axle, trailer brakes, a heavy-duty drawbar, wide front and rear fenders, and a variety of 30-mph rated tires.



## 120-FOOT BOOM OPTION INCREASES SPRAYER PRODUCTIVITY

Case IH 4420 Patriot SPX self-propelled sprayers can now be ordered with a 120-foot boom, in addition to the 90-foot and 100-foot boom selections. With it, productivity can be up to 33 percent greater compared to the 90-foot boom.

This truss-style three-section boom is engineered for strength and durability without significantly affecting the Patriot sprayer's optimum loaded weight balance.

A three-stage suspension system that involves the chassis' trailing link suspension, gas-charged accumulators on the boom height cylinders and on the boom tilt cylinders absorbs energy to reduce shock loads to the boom.

In addition, Case IH uses a center pivot boom design to allow the boom to be more independent of the frame. An optional automatic boom height control

helps maintain proper boom height.

Its tri-fold design provides a more vertically compact transport package with enhanced side and forward visibility.

The Patriot 4420 sprayer is the largest sprayer in the Case IH line of self-propelled application equipment, with a 290-hp engine and a 1,200-gallon solution tank.



## AXIAL-FLOW COMBINES AND NEW HEADER OPTIONS

The Axial-Flow 7010 Class VII combine is a step above the highly productive Axial-Flow 2588 and below Case IH's highest-capacity combine, the Axial-Flow 8010.

With 360 hp and operator-selectable power rise of up to 42 hp from its 9-liter Case IH engine, the Axial-Flow 7010 shares the same platform as the Axial-Flow 8010 and is designed for maximum productivity. The industry-exclusive Power Plus drive system uses separate dedicated drives for the rotor

and the feeder and header, replacing most belts and chains. Time-consuming daily lubrication points are eliminated; the Axial-Flow 7010 is designed for 50-hour maintenance schedules.

Automatic Crop Settings let you store threshing settings for various crops and conditions. A self-leveling cleaning system provides level-land performance on slopes up to 14 percent. The Power Plus drive system for the feeder and header automatically matches ground speed and header speed, increasing grain savings ability.



*The new Case IH 2100 Series draper headers greatly reduce crop loss at the header. Small grains, oilseeds and other shatter-prone crops are cut and laid onto the draper, which carries them to the feeder. Crops also feed more smoothly. Choose rigid draper headers in cutting widths from 25 to 45 feet or flex draper headers from 30 to 40 feet.*



*New Case IH 2600 Series chopping corn heads use two rotary knife blades mounted beneath the stalk rolls to cleanly slice tough cornstalks to help improve residue management for next year's crop. An independent gearbox for each row gives the ability to engage and disengage the chopping unit. The chopping corn head is available in 30-inch six-, eight- or 12-row configurations, and includes the new 2608F folding eight-row corn head.*



## PUMA GAINS 30-MPH TRANSMISSION, NEW FRONT HITCH

Expand the versatility of Case IH Puma model tractors with a 30-mph (50-kph) transmission package. It includes a 19-speed full powershift transmission, a heavy-duty suspended front axle with brakes, ground-speed sensing radar and hydraulic trailer brakes.

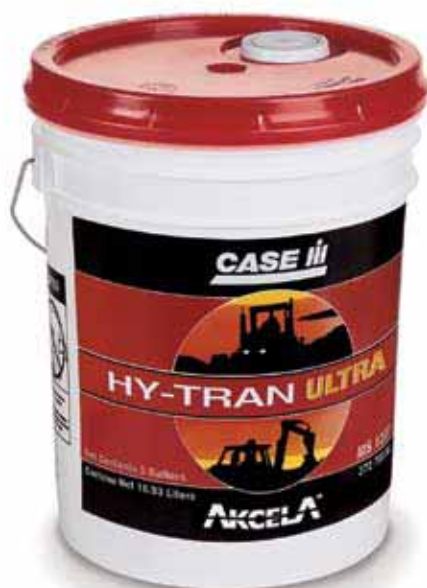
Front-hitch mounted implements provide the option of performing multiple functions in one pass. All four Puma models can be equipped with front-mounted three-point hitch. This expands your options of performing multiple functions in one pass.

Case IH Puma tractors include the Puma 165 at 135 PTO hp, the Puma 180 at 150 PTO hp, the Puma 195 at 165 PTO hp and the Puma 210 at 180 PTO hp.



### Learn more in person or online

See your Case IH dealer for more details on how Case IH equipment can help you be a more efficient producer. You can also find more information and specifications at [www.caseih.com](http://www.caseih.com).



### SUPERIOR HY-TRAN PERFORMANCE

Lab tests confirm what field experience has proven: The ability of Hy-Tran to protect and perform with moisture is unmatched.



With 1 percent of water by volume, Hy-Tran Ultra (right) retains its color and shows no additive fallout, unlike two competitive fluids.

Chart A shows the ability of tractor fluids to pass through a 5 micron filter with .5% water following a 72-hour heat cycle.

Chart B shows the percentage of weight loss and deposits of brass and copper test strips after being immersed 190 hours in 293 degree F tractor fluids with air bubbling through them.

A	FILTERABILITY	UNIVERSAL TRACTOR FLUID A	UNIVERSAL TRACTOR FLUID B	HY-TRAN ULTRA
	milliliters passed, new	500	475	625
	milliliters passed, 0.5% water added	35	120	600
	deposit, wet aged, mg/10ml	0.89	1.64	0.21

B	OXIDATION-CORROSION	UNIVERSAL TRACTOR FLUID A	UNIVERSAL TRACTOR FLUID B	HY-TRAN ULTRA
	Copper weight loss, %	77.5	48.2	2.1
	Copper deposit	65.4	39.3	0.7
	Brass weight loss	3.1	23.7	2
	Brass deposit	3.2	14.4	1

## There's a special story behind Hy-Tran HY-TRAN HERITAGE

In the early 1960s, International Harvester introduced new tractors with integrated transmission and hydraulic systems. This advanced new design included a common sump to hold one "do it all" tractor fluid, rather than separate gear, drive and hydraulic systems with separate fluids.

Mindful of the new demands for this tractor fluid, International Harvester lubricant engineers developed specifications for it that greatly exceeded any product on the market at the time.

A chemical engineer, Woodrow "Woodie" Hoch, owned a small specialty lubricants company called Viscosity Oil, which supplied IH's test labs with oils and greases. He was intrigued by the challenge to meet the specs International Harvester set for its new tractor fluid.

"The specs were such a departure from anything the lubricant industry had seen at the time that there were very few takers," recalls Jeff Hoch, Woodrow's son and now president of Viscosity Oil.

The tractor fluid serves multiple roles. It must transmit power, cool and lubricate, protect against corrosion, and provide friction for the brakes. And, the IH engineers

wanted an unprecedented level of water tolerance . . . the ability of the fluid to perform when contaminated with water.

Water finds its way into these systems, primarily through condensation, hitch couplers and worn hydraulic cylinder wiper seals. The water separates from the oil and takes the oil's additives that provide its performance qualities with it. Through this separation of additives, and the various molecular changes that occur because of the water, the performance of the oil and the additives is reduced.

"Finding a way to prevent the oil and water from separating was the biggest hurdle," says Hoch. "My dad spent two years of trial and error working with base oils and various additives to meet International Harvester's specification."

His persistence paid off. The formulation that ultimately passed IH's water tolerance test also met the company's other stringent performance requirements.

Hy-Tran was born, along with a special relationship that has evolved to represent a mutual commitment to quality and consistency. The senior Mr. Hoch's small company became the sole producer of Hy-Tran, with the expectation that it provide an unwavering supply of Hy-Tran to International Harvester and its dealer network, a relationship that continues to this day.

In turn, IH and subsequently CNH have based many hydraulic and power transmission product designs on the performance of Hy-Tran. Among the many successes include the enviable performance record of Magnum tractor transmissions, made possible in part by the performance

qualities of Hy-Tran.

"It's no secret that equipment manufacturers set oil and lubricant specifications for their products; then oil companies blend to those specs and supply the products as private label," explains Hoch. "And, it's not uncommon for these suppliers to change every few years as a result of competitive bidding. But Hy-Tran is unique. It's produced by the same company that formulated it more than 40 years ago."

That's not to say the product hasn't changed. Performance specifications change as new metals and other materials appear in equipment systems, and performance demands increase. Hy-Tran formulations are modified to meet them.

"All Hy-Tran changes are put through extensive testing. It's a very robust approval process," says Hoch. "With Hy-Tran, nothing is left to chance."

Today's Hy-Tran Ultra continues to have the industry's highest level of water tolerance. Its additive package is zinc-free which is an advantage for older equipment, and it has exceptional resistance to shear for responsive hydraulic performance under high pressures and water load. It provides superior protection against corrosion and gear surface pitting, and its viscosity remains stable over a wide temperature range.

And, it's a testament to Case IH's commitment to provide parts and service products that assure original performance. "Hy-Tran is an amazing success story," says Hoch. "There's terrific loyalty from Case IH dealers and customers alike because the product works. It's reliable. It has stood the test of time."



# CONSERVE COSTS WITH REMAN PARTS

Why replace an entire assembly even though only a few high-wear parts have reached the end of their useful life?

That's the basic concept behind Case IH Remanufactured, or REMAN, parts. Replace what's worn, keep what's good – and pass the savings onto the customer.

REMAN parts range from starters and alternators to engines, clutches, pumps, motors and transmissions. The Parts and Service Division of Case IH inspects and reassembles critical machine assemblies in facilities solely dedicated to remanufacturing for both agricultural and construction equipment. The company uses sophisticated processes to assure consistent quality from all components that carry the REMAN designation and warranty.

"Remanufacturing is about lowering customer operating costs and increasing uptime," says Jared Wills, who oversees remanufactured pumps and motors. "REMAN components provide a drop-in replacement option that meets the latest engineering specifications."

Consider engines. When our specially trained mechanics disassemble and inspect worn engines, they know which parts to replace with new ones, such as sleeves, piston rings, pistons, bearings, gaskets and soft plugs. Other parts such as crankshafts, connecting rods and cylinder heads are carefully evaluated. "We have the technology to bring good components back up to spec," explains Roger Kunkee, who manages REMAN engine programs. "Every part is checked."

It's a similar story for driveline components such as clutches and transmissions. "We put a lot of new parts into a remanufactured

component," says John Harper, who oversees remanufactured axles, transmissions, clutches and powershifts. And in fact, these replaced parts may be better than the original ones. That's because some parts may have been updated, or testing procedures may have changed.

Completed components are also fully tested prior to shipment. REMAN replacement engines, which include fuel systems, are dyno-tested, while basic engines, which have renewed internal components, are spin-tested to confirm compression and oil pressure. REMAN tractor transmissions receive a similar workout: a new computerized test fixture for Steiger® four-wheel drive tractor transmissions takes them through a full duty cycle to confirm their performance.

It's this formalized attention to detail that allows some Case IH REMAN parts to carry the same one-year warranty coverage carried by a new part. Others, such as replacement level engines, carry a two-year warranty. "The remanufacturing processes are approved through Case IH Engineering, which is why we can apply the full one-year warranty to some components," says Paula Bigonia, who directs remanufacturing programs for electrical components.

## REMAN parts advantages

**Time efficient:** Rebuilding an engine or driveline in larger equipment can put it out of service for a week or more. REMAN engines and transmissions reduce that downtime to the time it takes to remove and replace it.

**Professionally rebuilt:** REMAN components are rebuilt by experienced people using specialized processes and equipment.

**Thoroughly tested:** REMAN components are performance-tested prior to shipping.

**Lower cost:** REMAN components offer significant savings compared to new ones.

**Case IH quality:** All replacement parts are genuine Case IH parts.

**Same warranty as new:** Some REMAN components carry the same one-year warranty that applies to new components.

**Environmentally efficient:** Workable components are kept in service, rather than becoming scrap.

**CNH Capital Financing:** Use favorable CNH Capital financing for REMAN component purchases and installation at Case IH dealers.



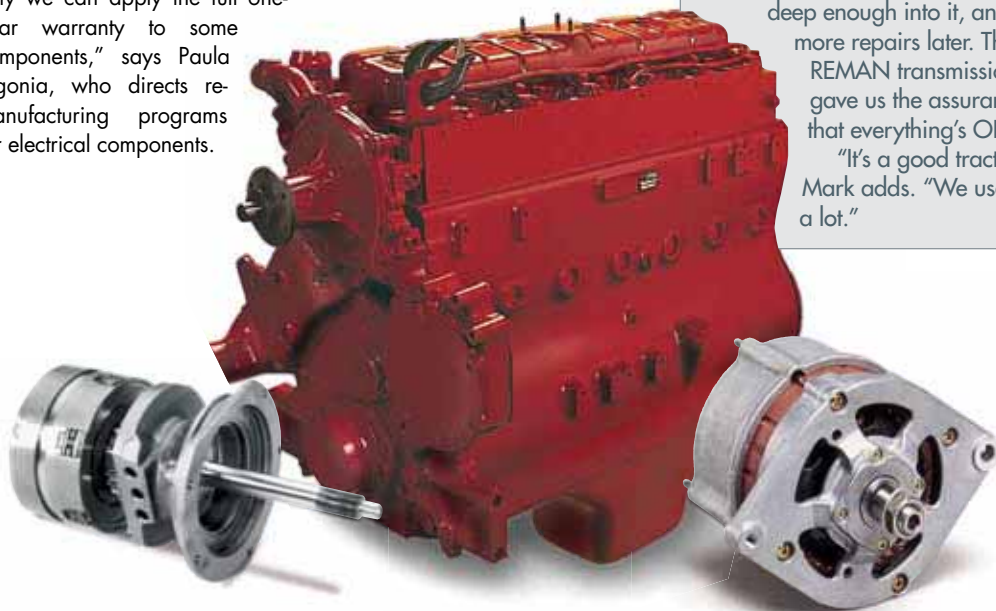
## NORTH DAKOTA FARMERS SAY, STEIGER REMAN TRANSMISSION A 'NO-BRAINER' DECISION

"Last fall, the employee applying anhydrous ammonia with our 9280 Steiger tractor called in and said he heard a 'clunk' in the transmission," recalls Mark Winter. "My brother Steve and I drove to the field to listen to it. It was definitely a 'clunk.' We shut the tractor down and hauled it to our shop."

The Winters, of Oriska, North Dakota had their own mechanic start the repair on the 8,000-hour tractor, but as he got into it, he found more issues than they expected.

"We weighed the cost of the repair versus our Case IH dealer installing a REMAN transmission. For a similar cost, plus the one-year warranty on the REMAN transmission, it was a no-brainer decision to use the REMAN transmission," Mark says.

"We have more confidence with the REMAN transmission. With a transmission repair, there's always the chance that you don't go deep enough into it, and face more repairs later. The REMAN transmission gave us the assurance that everything's OK. "It's a good tractor," Mark adds. "We use it a lot."





## CASE IH PRODUCTS HONORED

The new Case IH Module Express 625 Cotton Harvester produces a gin-ready cotton module on-the-go, eliminating the time and expense of unloading loose cotton into a separate module builder. For cotton producers, this award-winning technology offers substantial cost savings.

Every year, the American Society of Agricultural and Biological Engineers honors the past year's best products in the agricultural, food and biological systems industries with its AE50 awards.

A panel of ASABE experts selects the top products from around the world, ranking them based on commercial impact, contributions to agriculture and engineering, and advancements in engineering and technological significance.

This year, three Case IH products earned prestigious AE50 awards:

### The Module Express 625 Cotton Harvester

With its computerized on-board packing system, the Case IH Module Express 625 builds modules on-the-go, eliminating the expense and labor of running a separate module builder while increasing picker productivity. This new technology offers substantial cost savings to cotton producers and is proving itself in the field.

### The AFS Cotton Yield Monitor

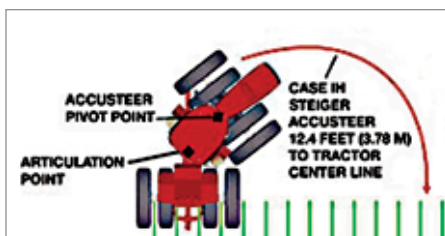
Standard on the new Case IH Module Express 625, the AFS Cotton Yield Monitor displays pounds harvested, bales per acre and module weight on a touch-screen monitor. Its Controller Area Network (CAN)-based optical sensor provides real-time cotton flow information and yield data accurate to within 3 percent of gin weights. It also creates yield maps.

### Steiger AccuSteer II System

This second generation of the AccuSteer system, available on the Steiger 335 tractor, provides more natural and intuitive steering control compared to traditional four-wheel drive steering systems.

Its double articulation design allows the front frame and axle to pivot independently of the rear. After 10 degrees of pivot, the tractor begins articulation. The result is more accurate implement control, thanks to the lack of tailwag from overarticulation, and a tight turning radius of just 12.4 feet to the tractor centerline.

Both the front axle and articulation position are displayed on the Performance Instrumentation in the tractor's right-hand A-post.



When equipped with the optional AccuSteer system Case IH Steiger 335 tractors provide smooth intuitive steering with no tailwag of mounted implements. New technology in this system, which also allows a 12.4-foot turning radius, earned an AE50 award.

## A SMOOTH PROMOTION

Hockey fans have one more reason to watch games at the Weyburn Colosseum in Weyburn, Saskatchewan: A new Zamboni ice resurfacing machine painted Case IH red with the logo and "Steiger" on the side.

"Saskatchewan is a very agricultural province with a lot of great hockey fans. This is a great tool to promote the Case IH brand to fans, young and old, as they travel from many small farming towns for their games," explains Karsten Hapel, Case IH territory sales manager.

Home to the Weyburn Red Wings, a Saskatchewan Junior Hockey League team, the Colosseum houses a regulation size ice rink and its neighboring Tom Zandee sports arena houses a second rink. The new red Zamboni ice resurfer will groom these rinks for dozens of junior and minor league games throughout the year.



Weyburn, Saskatchewan hockey fans will see the Case IH brand displayed on this new Zamboni ice resurfer. It was presented to the City of Weyburn by Karsten Hapel, Case IH territory sales manager (left), Case IH President Randy Baker, and Tim Young of Case IH dealer Young's Equipment.



# LIMITED EDITION PRINTS COMMEMORATE MAGNUM AND STEIGER TRACTOR ANNIVERSARIES

Two new limited edition commemorative watercolor paintings are the second and third fine art prints in the Case IH "Generations of Productivity" series.

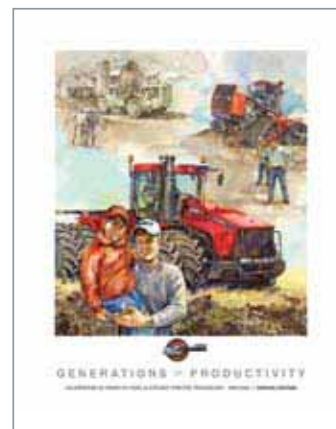
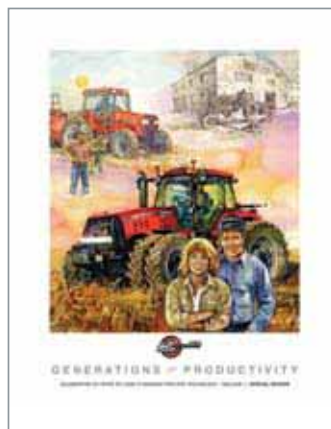
Prints depicting the 20th anniversary of Magnum tractors and the 50th anniversary of Steiger tractors join the first print commemorating the 30th anniversary of Case IH Axial-Flow technology which was released in late 2006.

All three original watercolor paintings are the work of award-winning artist Tom Nachreiner, a lifelong Wisconsin resident and graduate of the Layton School of Art in Milwaukee. Nachreiner is influenced by American and French Impressionists and uses colorful designs to effectively capture moments in time.

"We had great response to the Axial-Flow technology artwork, so it was an easy decision to continue the series with the Magnum and Steiger tractors," says Krista Knigge, Case IH director of global brand communications. "It's a perfect way to honor the heritage of these two tractor brands, which have contributed so much to agricultural productivity around the world."

The Magnum tractor anniversary print traces the evolution of Case IH row-crop tractors with images of the Farmall F30, the original 7100 Series Magnum tractor and the newest model in the line, the Magnum 335. A farm couple in the foreground symbolizes the importance of Case IH customers to the Magnum brand.

The Steiger print pays homage to the first Steiger tractor model, which was built by the Steiger family, Minnesota farmers, in their farm shop during the winter of 1957-58. The artwork features the first Steiger Quadtrac tractor and the current Steiger 535 model, and a father and son who



**These 20- by 24-inch art prints commemorate the 20th anniversary of Magnum tractors and the 40th anniversary of Steiger tractors. They continue the "Generations of Productivity" series of limited edition watercolor paintings which began with last year's print commemorating the 30th anniversary of Axial-Flow technology.**

underscore the "Generations of Productivity" theme.

Both of these 20- by 24-inch prints are available through Case IH dealers, or by calling (262) 636-7540 and asking for the Magnum or Steiger prints.

Orders also may be placed online at [www.caseih.com](http://www.caseih.com). Click on the "Merchandise" link and follow directions for ordering.

## WAAS SATELLITE CHANGES REQUIRE GPS RECEIVER UPDATES

In mid-July, several WAAS signal satellites were decommissioned and new ones activated. Older versions of autoguidance products using WAAS correction signals are not set to track the new WAAS satellites. Updated firmware is needed. These are the recommended firmware requirements for the current WAAS satellites:

### PRODUCT RECOMMENDED FIRMWARE

**EZ-Guide 500 lightbar** All versions are compatible

**EZ-Guide Plus lightbar** Version 4.00 or higher; new version 4.11 is recommended

**AgGPS 252/332 receiver** 3.57

**Case IH AFS 100/110/124/130/132 receivers** 3.06

For detailed information, contact your Case IH dealer.

## TRUE TANDEM 330 TURBO TAKES A NEW APPROACH TO RESIDUE MANAGEMENT

Run faster, slice cleaner, and leave a level surface . . . that's the mission of the new Case IH True Tandem 330 Turbo residue management tool. Designed to be a key component of vertical tillage systems, it performs similar to a traditional disk harrow, but does so at reduced draft loads.

The key lies with the Case IH patented shallow concavity turbo blades. The 20-inch diameter blades, spaced 7.5 inches apart, are mounted at an angle chosen for optimal soil movement and residue management at shallow running depths.

Because it's designed to run shallow, the 330 Turbo provides good leveling qualities. With a power requirement of 5 to 7 PTO hp per foot, larger tractors can pull the 330 Turbo at reduced power settings for greater fuel efficiency, or faster for increased soil mixing and higher productivity.

Two widths are offered: 25 feet, weighing 14,990 pounds, and 34 feet, weighing 19,900 pounds.



**The True Tandem 330 Turbo slices residues and provides optimal soil mixing at shallow depths to help support vertical tillage practices.**



Learn more information — [www.caseih.com](http://www.caseih.com)

FALL 2007 FARM FORUM 23



## PROTECT YOUR MOST VALUABLE ASSETS

### From Unexpected Repair Costs with the Case IH Protection Plan.

- Enjoy peace of mind
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- Help maximize your equipment's resale value
- Charge the full cost of your plan to your CNH Capital Commercial Revolving Account with No Payments and No Interest for 90 days\*

For more information, see your local Case IH dealer, visit [www.cnhcapital.com](http://www.cnhcapital.com), or call 1-877-828-7028.

\*This offer only applies to purchases of a Case IH Protection Plan of \$500 or more on your CNH Capital Commercial Revolving Account. Offer subject to customer credit qualification, available credit and good standing on all CNH Capital America LLC accounts. Offer subject to change or cancellation without notice. After the initial 90 days, the usual terms of your CNH Capital Commercial Revolving Account will apply. This literature is descriptive only. The precise protection afforded is subject to the terms, conditions and exclusions of the contract as issued. Program participation is subject to customer credit qualification. Programs may be changed or cancelled without notice. Capitalized terms used in this literature, unless defined herein, have the meanings assigned to them in the contract as issued.

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