

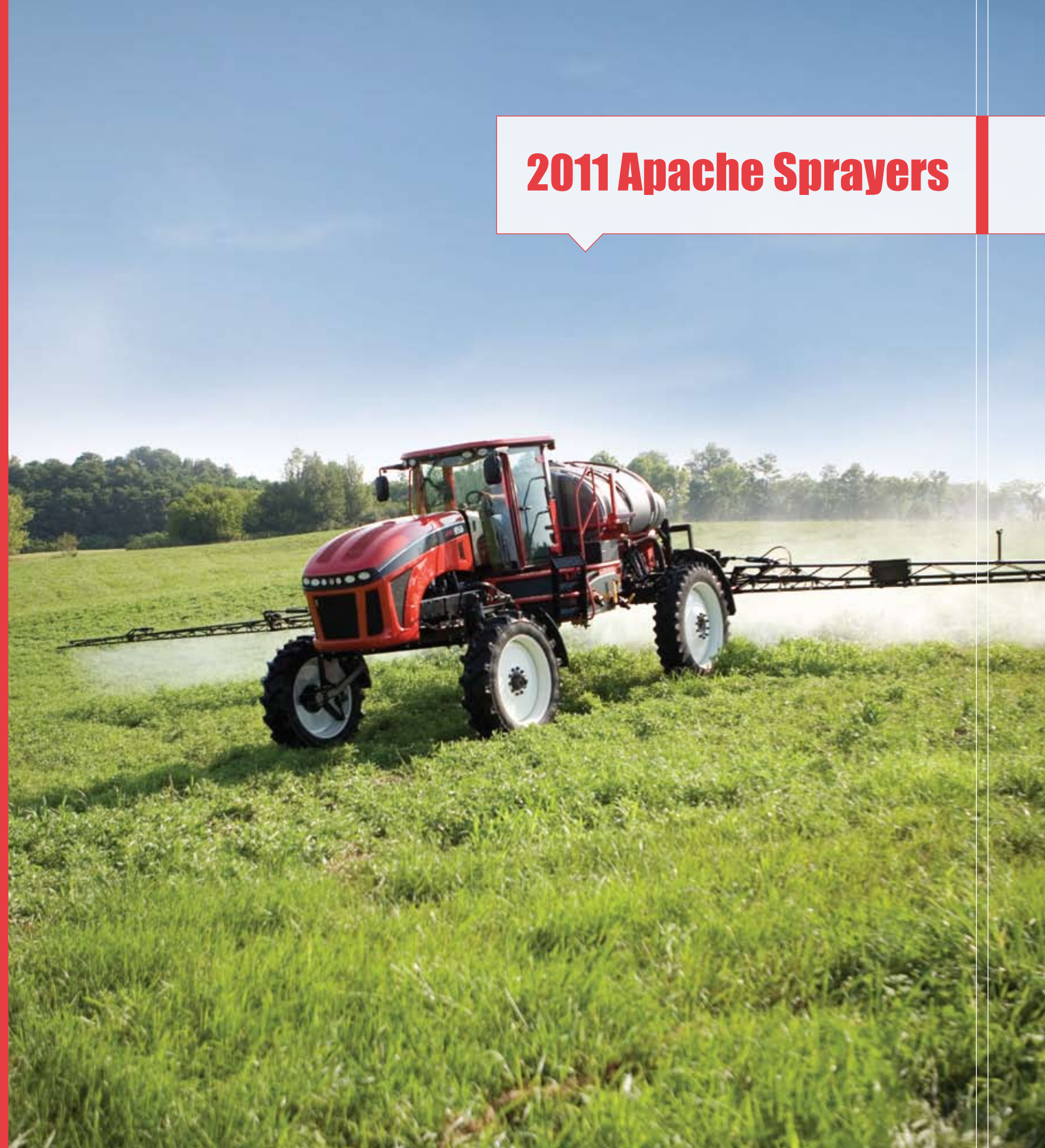
2011 Apache Sprayers



**EQUIPMENT
TECHNOLOGIES** 
Tough sprayers - Thoughtfully engineered.
ETsprayers.com

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MPC0810-10.5k



The future of the Apache is here.

The tradition of doing more with less lives on.

By pushing the concept of the mechanical drive even farther, we have delivered the most efficient Apache yet.

We did this by listening to what's most important to our customer, the farmer who considers himself a businessman: maximizing the resources needed to operate profitably. This is where our mechanical drive again proves how efficiently it manages resources. The 2011 Apache deliver more power to ground than ever before and they are thoughtfully engineered to optimize that power to ever-changing ground conditions – wet, muddy or hilly, it doesn't matter. The result is an overall operator experience unmatched by any sprayer on the market. But, it's obvious we didn't stop with the engine...

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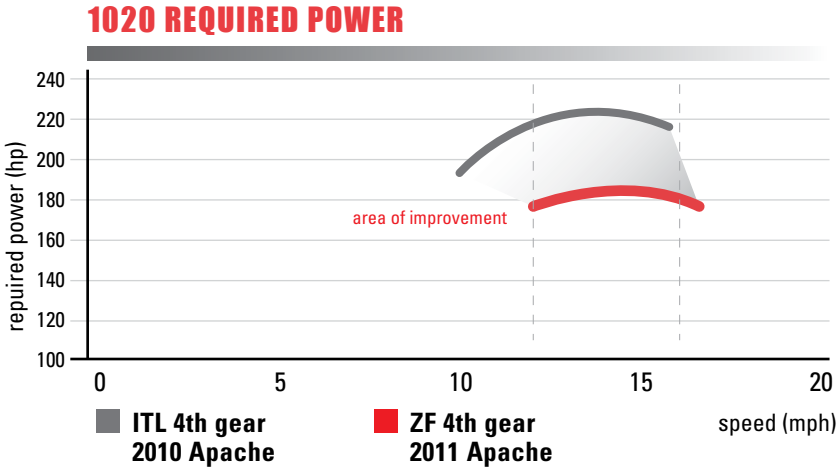
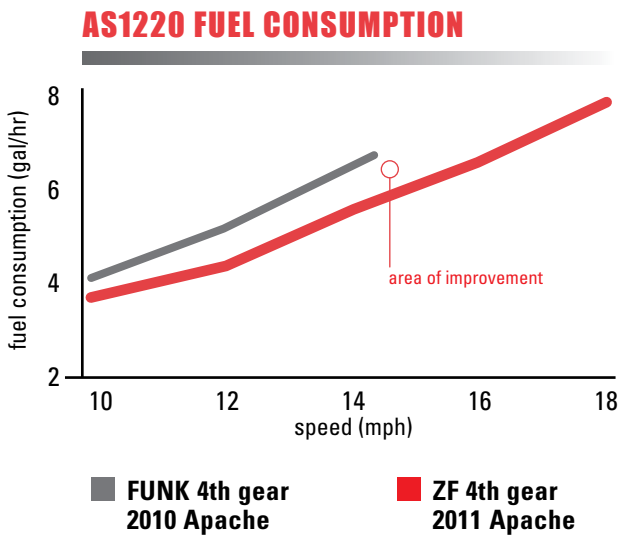
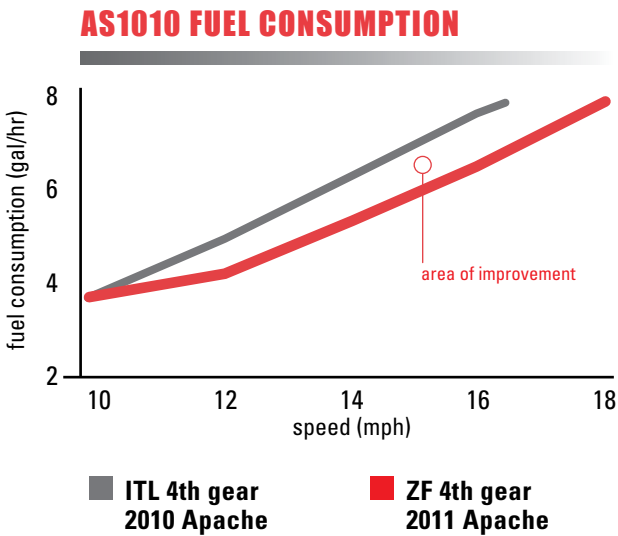
A new way to solve an old problem.



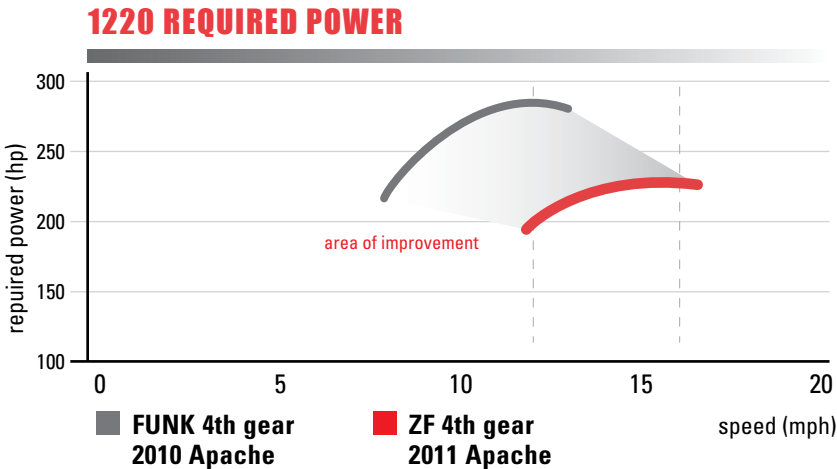
When you're the number one self-propelled sprayer manufacturer, it's not about revolution... it's about evolution. And evolution is about survival of the fittest.

Like any other equipment purchase for the farm, your sprayer needs to cut waste and increase profitability. The largest area of waste on most sprayers happens in the power train. Precious energy in the form of horsepower is literally burned up before the wheels ever have a chance to spin.

Allow us to introduce you to tractive effort. It is true "power to the ground." Power to the ground is the ultimate measure of the Apache's ability to maneuver difficult conditions and is the reason the 2011 Apaches have proven to be the most efficient yet.



Due to increased efficiencies, the power necessary was reduced by 17.33% for normal operating conditions, increasing the tractive effort.

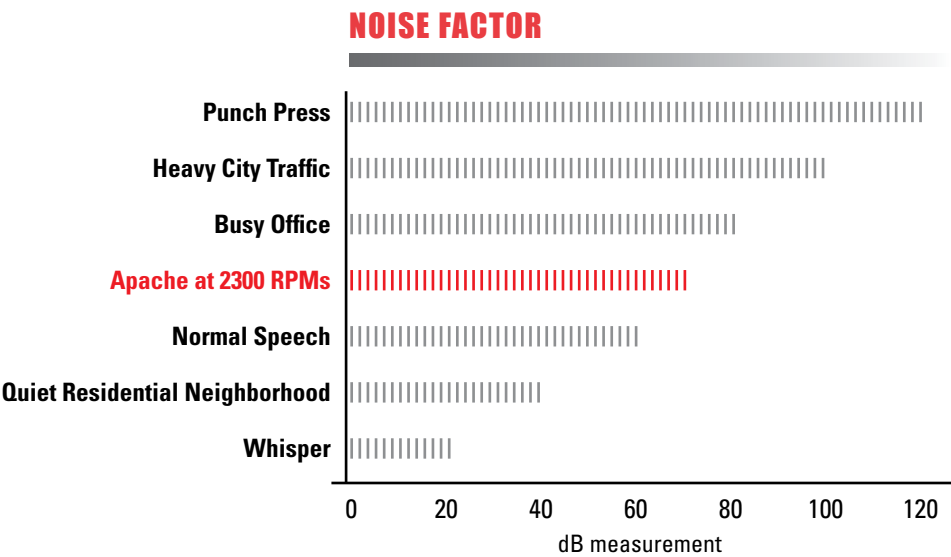


Due to increased efficiencies, the power necessary was reduced by 22.85% for normal operating conditions, increasing the tractive effort.

Simplicity and affordability doesn't mean sacrificing the good stuff.



The 2011 Apaches feature an all-new custom cab that boasts a 12% increase in overall floor space. And, new wrap-around glass now gives the operator views of the top of the front wheels and better views of the booms.



Noise sources such as the engine and exhaust have been moved farther from the operator resulting in a 9% reduction of in-cab noise.



SEAT & BUDDY SEAT
Teach someone about spraying or learn something from a buddy without compromising safety and comfort with the new, larger buddy seat.

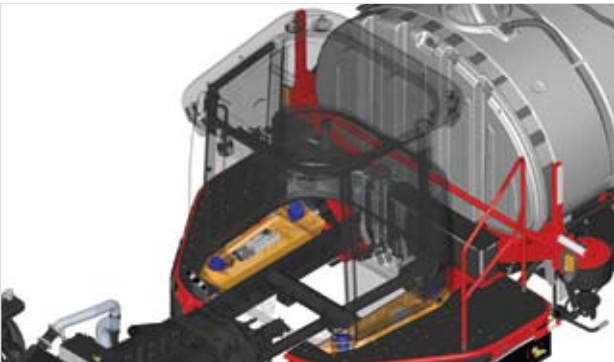


cab entry image coming soon

CAB ENTRY
The new Apache cab features a rear-hinged door and larger catwalk to maneuver in and out of the cab.



ELECTRONICS & HVAC
HVAC adjustments have been placed in the steering column and the electronics are CAN-ready (need better definition). The result is a layout that optimizes the operator's experience.



4-POINT MOUNTED CAB
The cab is now mounted in four points. This combined with a wider stance reduces the g-forces felt by the operator by 37.5% which makes for our most comfortable ride yet.

Precision options.



Guidance and Steering:

Raven SmarTrax™ AutoSteer
Auto-steering helps increase productivity by decreasing operator fatigue. The SmarTrax system runs at operating speeds of up to 27 mph.



Boom Control:

AccuBoom™ The easy-to-operate AccuBoom system helps keep the booms level and out of the dirt as you drive over changing terrain. Functioning at speeds up to 20 mph, it increases the accuracy of rate control and lowers wear and tear on your booms. AccuBoom works seamlessly with the Envizio Pro and Viper Pro rate controllers.



Application Rate Control:

SCS 5000™ The SCS console is essential to monitoring efficiency, accuracy and ultimately profitability. Getting every drop of your chemicals has never been a higher priority for applicators.

Field Computers:

Integrating boom control, auto-steering and variable rate application, a field computer combines all things precision-spraying into a user-friendly interface.



Envizio Pro™ With its 6.4" LCD touch screen, the Envizio Pro simplifies the hi-tech precision-spraying experience by providing an intuitive interface that features multi-field views and full-motion field maps as you spray.



Viper Pro™ With its 10.4" LCD touch-screen, the Viper Pro takes the field computer to the next level. It features graphically enhanced field views and field maps with a backend powered by the Windows XP operating system. It also features "field-to-market" wireless internet.

Raven, Raven Smartrax Autosteer, AccuBoom, SCS 5000, Envizio Pro and Viper Pro are registered trademarks of Raven Industries.

New Standards in Productivity



AXLE WIDTHS

New, wider adjustable 120" - 160" adjustable axles are great for growers who need a wider stance either for row spacing or stability.



LIGHTING PACKAGE

Experience better illumination in and outside the cab with a 22% increase in the number of bulbs compared to last year's optional lighting package. All exterior lights are adjustable and are dual-beam Hella bulbs.



FILL STATION

The new and improved fill station features a more intuitive layout and LED lighting system so you can quickly, accurately and safely get busy spraying.



LARGER RINSE TANK

Simply one less thing to worry about, the Apache now comes standard with a 100-gal rinse tank.

Common To All				AS1220	
ENGINE & DRIVE TRAIN				AS1020	
				AS1220	
TRANSMISSION				ZF Power Shift, 6-speed w/lock-up torque converter	
CUMMINS TIER III ENGINE				215 hp	
FUEL CAPACITY (Diesel)				100 gal.	
TOP ROAD SPEED				35 MPH	
CROP CLEARANCE				50" w/Fairfield, 18" drop-box, all gear final drives	
AXLE WIDTH				120" fixed width axle	
WEIGHT				20,900 lbs. (approx. dry weight)	
SUSPENSION				Patented Independent Hydraulic	
BRAKES				Fully enclosed, self adjusting, internal wet disc brakes	
FRONT TIRES				Titan 380/80R38 (narrow, semi-float and full-float options available)	
REAR TIRES				Titan 380/90R46 (narrow, semi-float and full-float options available)	
TRANSPORT WIDTH AND HEIGHT				144" maximum each	
OVERALL LENGTH				290" maximum	
TANK CAPACITY				1,200 gallons	
ET CUSTOM BOOMS				straight 80', 90' or 100' combo 60'/80' or 60'/90'	
PRODUCT PUMP				Hydro, hydraulically driven centrifugal product pump	
RINSE TANK				100 gallons	
ET CUSTOM PRESSURIZED				4-point fulcrum mounted cab with wrap-around glass, improved in- and out-of cab lighting and rear-hinged door	

PRECISION APPLICATION EQUIPMENT AVAILABLE FACTORY INSTALLED ON ALL NEW APACHES:
Application Rate Control: **SCS5000™**, Field Computers: **Envizio Pro™** or **Viper Pro™**, Boom Leveling: **AutoBoom™**, Boom Shutoff Control: **AccuBoom™**, Guidance & Steering: **SmartTrax™**, RTK Correction: **Slingshot™**



Demo an Apache and learn more today:



call to talk to an Apache expert at 877.398.6164



click to see our 360° walk-around @ ETsprayers.com



stop by to contact a dealer and request a demo: ETsprayers.com/dealer

Industry-leading, five-year warranty and New ET Guardian end-of-year one maintenance and inspection plan.

The ET Guardian program builds upon our already industry leading warranty. This end-of-year one inspection is performed by your dealer no later than within 30 days of the first anniversary of the date your Apache* was delivered. And, the inspection is paid in full by Equipment Technologies in partnership with your dealer... a \$600 value! The plan is designed to prevent down-time and ensure maximum operating conditions for your second season of ownership. And, it is our way of ensuring that Apache owners have the highest levels of customer satisfaction possible.

* ET Guardian applies to all 2010 and newer Apache models only.



Free cost of ownership consultation

The purchase of an APACHE is a decision that quickly pays for itself. Call us today and we will provide a free, no-obligation cost of ownership analysis that demonstrates your return on the investment in an APACHE specific to your farming operation.

XXX-XXX-XXXX