



# Hay Preservative Applicators & Components

MOISTURE TESTING

HAY PRESERVATIVE APPLICATORS

HAY PRESERVATIVE

RFV CALCULATOR

GPS YIELD MAPPING

BALE IDENTIFICATION

# Moisture is the Challenge

## AGCO HAY PRESERVATIVE IS THE SOLUTION

The number one issue that challenges today's hay producer is moisture. Wait too long and the hay will lose feed value. Bale too soon and you'll get two things: mold and heat, resulting in poor quality hay.



For higher quality hay, the solution is AGCO Hay Preservative paired with the HayBoss® Application System. It is the most efficient process for baling and producing high quality bales with relative ease.

AGCO Hay Preservative and Application Systems will allow you to bale between **16% and 30% moisture**, giving you a jump on the weather, reduce leaf shatter, and bale more acres per day. AGCO Hay Preservative eliminates the heating and deterioration caused by the growth of mold, and is effective on all types of baled forage crops, including alfalfa and grass, which are susceptible to spoilage at higher moisture levels.

UNTREATED HAY MOISTURE	RESULT
<b>16-22%</b>	Hay discoloration and odor can occur.
<b>23-26%</b>	Hay temperature can climb to <b>120° F</b> in storage, mold will begin to form and quality drops significantly.
<b>Over 27%</b>	Can result in temperatures over <b>140°</b> , hay can turn black and combust.



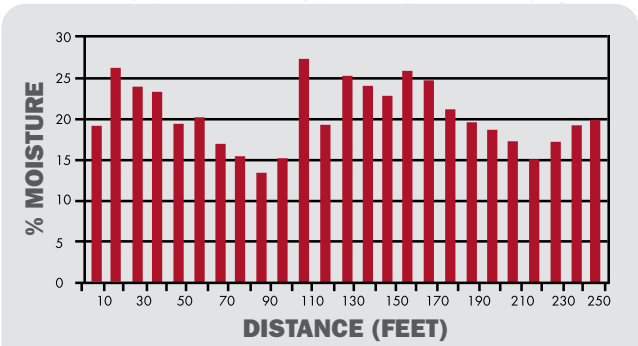
# AGCO HAY PRESERVATIVE MAINTAINS

## Bale Quality & Safety

Hay moisture not only varies from one side of a cut hay field to the other, it can vary within the windrow itself. Wet hay can lead to high CFU mold counts, which will not only erode your hay quality but also your profits.

### APPLICATION RATE CHART

BALER TYPE	MOISTURE	STEAM MOISTURE	DEW MOISTURE
Large Square	16% - 19%	4 lb/ton	3 lb/ton
	20% - 22%	6 lb/ton	3 lb/ton
	23% - 26%	10 lb/ton	8 lb/ton
	27% - 30%	DO NOT BALE	16 lb/ton
Small Square	16% - 22%	4 lb/ton	2 lb/ton
	23% - 26%	8 lb/ton	6 lb/ton
	27% - 30%	16 lb/ton	12 lb/ton
Round	16% - 22%	4 lb/ton	2 lb/ton
	23% - 26%	8 lb/ton	6 lb/ton
	27% - 30%	16 lb/ton	12 lb/ton



**Windrow Moisture Taken Every 10 Feet. Second Alfalfa Cutting - Artesia, NM, USA.**

As this chart reveals, moisture within the windrow can vary as much as 13% within as little as ten feet. This means parts of the windrow may be dry enough to bale, while other parts of the same windrow are not. AGCO Hay Preservative allows you to bale within a wider acceptable moisture range without sacrificing hay quality.

### ESTIMATED LARGE SQUARE BALES TREATED WITH 50 GALLONS OF PRESERVATIVE

HAY MOISTURE	APPLICATION RATE	1,000 LB BALE	1,250 LB BALE	1,500 LB BALE
16% - 19%	4 lbs/ton	225	180	150
20% - 22%	6 lbs/ton	150	120	100
23% - 26%	10 lbs/ton	90	72	60
27% - 30%	Do Not Bale	--	--	--



### CONTAINER SIZES

SIZE	PRESERVATIVE AMOUNT*
13 U.S. gal/49.2 L	120 lb/54.4 kg
50 U.S. gal/189.3 L	450 lb/204.1 kg
200 U.S. gal/757.1 L	1,800 lb/816.5 kg
270 U.S. gal/1,022.1 L	2,380 lb/1,079.5 kg

\*Preservative is sold per pound, not per gallon. 1 Gallon = 8.33 lb/4 kg



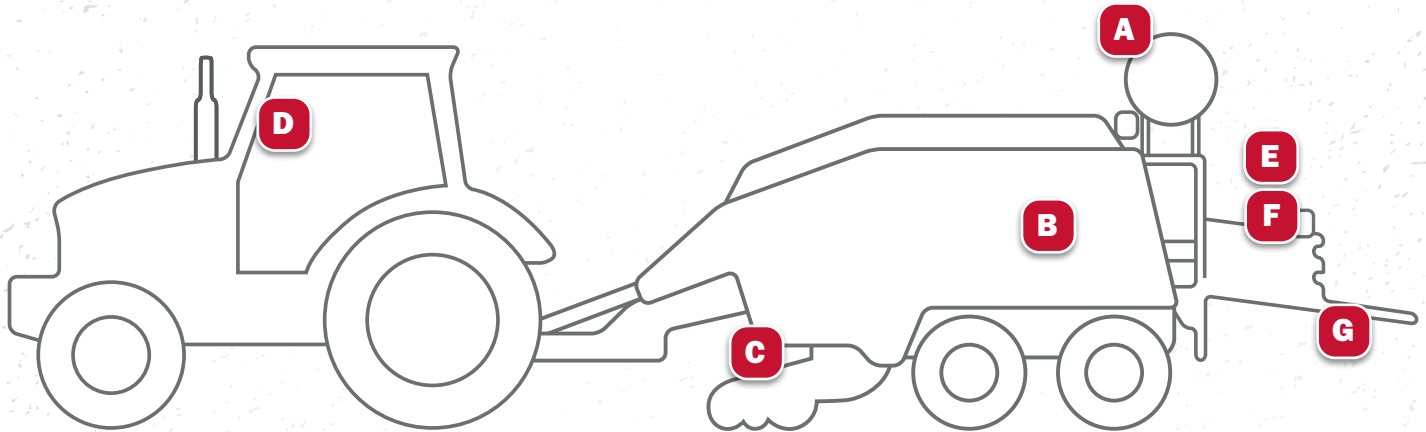
**It's also safe for all livestock.**

**Bales treated with AGCO Hay Preservative yield more and have a higher relative feed value.**



## LARGE SQUARE BALER

# HayBoss System Overview



**A TANK**  
Applicators are fitted with 110-gallon tanks for storing AGCO Buffered Acid Hay Preservative while in the field.

**B MOISTURE SENSORS**  
Moisture sensors for automatic systems on large square and small square balers consist of two star wheel sensors that mount on the bale chute behind the knotters.

**C SPRAY SHIELD**  
Spray shields and nozzles have been designed for each specific baler to ensure maximum and even coverage of the crop.

**D DISPLAY**  
The HayBoss can be run through the baler ISOBUS display, and shows:

- Moisture content
- Speed of baling
- Application rates
- Volume used
- Total tons baled

You can also use a tablet to control your HayBoss Preservative Application System and accessories.



**E RFV DYE MARKER** (See pg 10 for more details)  
When baler is equipped with bale scale, utilize the RFV calculator and RFV dye marker to mark each bale with 1, 2, or 3 stripes, depending on its RFV range. (The example does not have this option.)

**F MOISTURE DYE MARKER** (See pg 10 for more details)  
An effective way to mark wet bales, the Dye Marker sprays a red dye on the wet spots on each bale. (The example does not have this option.)



**G BALE WEIGHT KIT**  
AGCO Balers can be equipped with a Bale Weight Kit from AGCO, and provides accurate on-the-go weighing of each bale. The weights are added into the HayBoss job records and provide a more accurate baling rate.

## LARGE SQUARE BALER

# 700 Series Automatic Applicator

Introducing the NEW 700 Series Automatic Applicator for large square balers!

*This automatic applicator makes adding preservative to your crop even easier and more efficient than ever before!*

### PUMP PLATE

Mounted on preservative tank, includes bypass pump and flow meter.

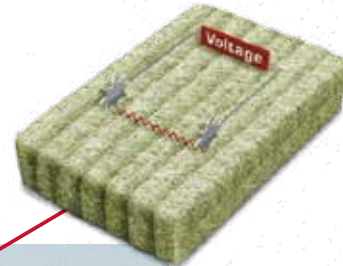


### GPS ANTENNA (OPTIONAL)

Records position of bale and saves to job record.

### DUAL STAR WHEELS

Sends low voltage signal to accurately sense moisture at front of bale chamber.



### MOISTURE DYE MARKER (OPTIONAL)

Highlights high moisture bales allowing operator to sort and store bales by moisture range.



### DISPLAY (NOT INCLUDED)

Improved functionality for ease of operation.



### MICROWAVE MOISTURE SENSORS (OPTIONAL)

Positioned at back of bale chamber (shown) for artificial moisture applications. Can be positioned in the precompression chamber for improved preservative placement in bale.



### HAY INDICATORS "CROP-EYES" (OPTIONAL)

These "crop-eyes" automatically turn the applicator ON or OFF when entering and exiting the windrow.



### SPRAY SHIELD/TIPS

Hay preservative applied at baler pickup on loose windrow as fed into the baler.



### DUAL PULSING SOLENOIDS

Accurately controls rate of preservative with a range from 24 lb/hr up to 800 lb/hr.

## UPDATES INCLUDE

- Single bypass pump supplying constant pressure to pulsating solenoid valves for improved response time to changes in moisture. This means no lag in preservative application while the pump has to build up pressure.
- Improved flowmeter that works on a range of products.
- Display applicator readings on baler ISOBUS display, dedicated Virtual Terminal, or tablet. (Free Precision Baling App is available from Apple iTunes or Google Play store)
- Updated harness for ease of installation.

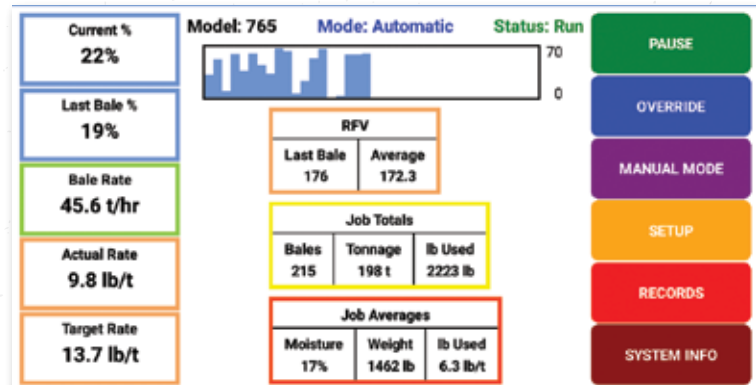
## LARGE SQUARE BALER

# 700 Series Data Collection

**The job record is an important management tool for the precision production of hay.**

After completing a field, the baler operator can open up the job and view the totals for the field and the records for each individual bale. The job record shows the field name, average and high moisture, preservative used per bale, bale weight (either picked up from the AGCO scale or the estimate entered if the baler is not so equipped), along with the time and date of baling.

Using a thumb drive to secure this data from the in cab processor, this information can be downloaded into a MS Excel spreadsheet to analyze moisture and weight trends, verify the proper application, and view the productivity of the baler.



### KEY NEW FEATURES:

- Single pump means less maintenance
- New style flow meter with improved reliability
- Dual solenoids allow for a large range of baling rates covered with each tip, and shuts product off to eliminate any dripping
- Superior sealing Deutch plugs throughout harnesses
- Internal star wheel encoder
- Easily update applicator settings while in operations
- Reopen existing job record and add to it
- Larger tips that prevent plugging at spray shield

### SUPPORTING TECHNOLOGY ACCESSORIES:

- Microwave Moisture Sensing: Mounted in precompression chamber or back of bale chute
- Moisture Dye Marker: Mark high moisture bales with food-grade dye above predetermined moisture
- GPS Tracking: Records position of each bale in job record
- Relative Feed Value Calculator: Calculates the leaf content by weighing each bale



## LARGE SQUARE BALER

# Relative Feed Value Calculator

**Be more certain about Alfalfa's uncertainty. Relative Feed Value (RFV) can vary significantly. It's not uncommon to see changes of 30 to 40 points in RFV within the same field.**

These wide point swings can affect everything from how the hay is marketed to how it is being fed. Having an accurate way to record and track these changes is critical.

### HAYBOSS RFV CALCULATOR\*\*

A new and important feature to help manage and record fluctuating variations, it calculates and records the Relative Feed Value (RFV) for every bale as it is being made.

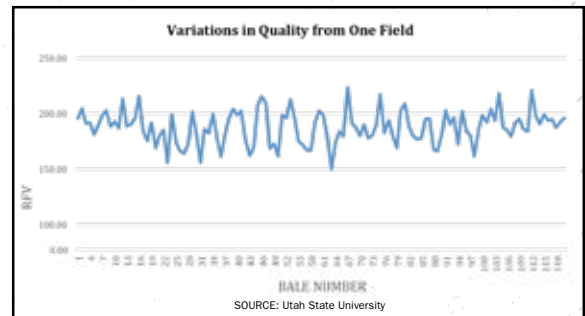
\*\*Patent Pending



### How the HayBoss RFV Calculator Works

**The system relies on the principle that most of the feed value is in the leaves of the plant. That means the higher the leaf content, the higher the density and quality of the bale.**

The hay grower takes a windrow sample of the hay just before or after it is cut, sends it to a lab, and enters pre-cut RFV value into the HayBoss system when they're ready to bale. As the baler operates, the Star Wheel Sensors take accurate moisture readings. The equipped scale measures the weight and the HayBoss system calculates the dry matter density and RFV for each bale. The RFV is displayed per bale as the baler is running, and is stored into the downloadable job records.

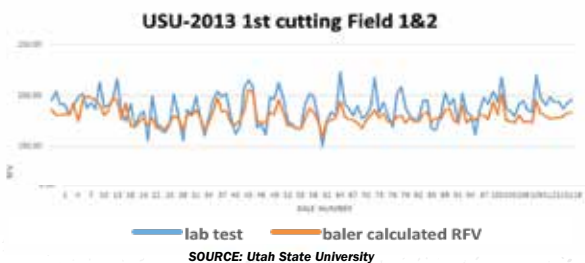


### ACCURACY

HayBoss RFV Calculator studies have been conducted on multiple farms across multiple states. The results verify the accuracy of the system as compared to the conventional method of coring bales to determine feed value, as shown on the graph.

Additional studies can be found at: [www.harvesttec.com/agco-relative-feed-value](http://www.harvesttec.com/agco-relative-feed-value)

SOURCE: Utah State University



### ACCOUNTABILITY

As the RFV is calculated and compiled to the job record, it is important to identify how the values of quality can impact the hay production process.

### DAIRY PRODUCERS

- Sorting and feeding hay according to quality allows them to make accurate ration adjustments, which keeps milk production consistent.
- Potential cost savings from accurately feeding what the cow needs, which increases the dairy producers bottom line.

### PRODUCERS OR BROKERS INVOLVED WITH SELLING HAY

- The ability to sort, stack, and ship by RFV can greatly improve their consistency to make sure each customer gets the quality level of hay they expect.
- From the field to the buyer to the feeder, the best way to use this new precision RFV is to visually identify a range of quality with use of the RFV Dye Marker kit.

### REQUIREMENTS TO MEASURE RFV

- HayBoss 700 series applicator or HT700A Moisture Only System
- AGCO Bale Weight Kit or Accumulator Weight Kit
- ISO 11783 compatible monitor or tablet



# RETURN ON INVESTMENT USING

# HayBoss RFV Calculator

**Precision farming and its monetary benefits has been in the industry for a number of years, but precision in hay production is relatively new. To show an example of what level of payback can be attained by adding AGCO precision components to your baling operation and sorting hay by RFV, follow along below.**



## The Dairy Farm

**Farm Size: 800 acres Crops: 300 acres alfalfa Number of Head: 250**

### EQUIPMENT COSTS:

HayBoss Applicator . . . . .	\$8,300
Bale Weight Kit . . . . .	\$2,500
<b>Total . . . . .</b>	<b>\$10,800</b>
Annual Equipment Cost over 5 Years: . . . . .	\$2,160
Annual Cost of Pre-Sampling: . . . . .	\$576
(8 cores x 4 cuttings x \$18)	
<b>Total Annual Cost . . . . .</b>	<b>\$2,736</b>

A dairy farm invests in HayBoss precision equipment to allow them to sort and feed according to RFV. With an annual cost of \$2,160 in equipment for the first 5 years, and ranging around \$576 per year in pre-harvest sampling costs, the dairy farm is able to sort each bale by RFV, and adjust rations and feed much more accurately, giving the dairy a dramatic increase in milk output and profitability.

### ANNUAL RETURN WITH PRECISION

Incremental lbs/Milk/Day per Head . . . . .	4	Savings by eliminating core lab tests . . .	\$882
SOURCE: Utah State University		(1 out of 50 bales x \$18)	
Total lbs/Milk/Day (250 head): . . . . .	1000	Total Annual Profit . . . . .	\$73,882
Value per lb of Milk: . . . . .	\$0.20	(\$200 x 365 days)+ \$882	
Total value of lbs/Milk/Day . . . . .	\$200	<b>Year 1 Total Return on Investment . . .</b>	<b>\$71,146</b>
		(\$73,882 - \$2,736 in equipment)	

## The Hay Producer

**Farm Size: 300 acres Crops: Alfalfa Tons per Acre per Cutting: 1.5 Total Tons per Cutting: 450**

### EQUIPMENT COSTS:

HayBoss Applicator . . . . .	\$8,300
Bale Weight Kit . . . . .	\$2,500
<b>Total . . . . .</b>	<b>\$10,800</b>
Annual Equipment Cost over 5 Years: . . . . .	\$2,160
Annual Cost of Pre-Sampling: . . . . .	\$576
(8 cores x 4 cuttings x \$18)	
<b>Total Annual Cost . . . . .</b>	<b>\$2,736</b>

A commercial hay producer has customers that want more consistent quality hay than what he has made in the past, so the producer adds HayBoss precision equipment to his operation to allow him to accurately track and manage variations between fields and cuttings.

The bales can now be sorted by quality and this improves the consistency of what he is selling to each customer, allowing the producer to sell his hay at a \$10 premium per ton.

### ANNUAL RETURN WITH PRECISION

Savings by eliminating core lab tests (1 out of 50 bales x \$18) . . . . .	\$882
Total Annual Profit (1,500 tons x \$10/ton premium) . . . . .	\$15,000
<b>Year 1 Total Return on Investment (\$15,000 + \$882) - \$2,736 in equipment) . . . . .</b>	<b>\$13,146</b>

## GPS & YIELD MAPPING

Take your productivity to the highest level with the additional GPS package for your large square baler. Incorporate the GPS kit into your HayBoss system and record bale position in your job records. With this technology, the producer has the knowledge needed to maximize productivity and plan for future yields.

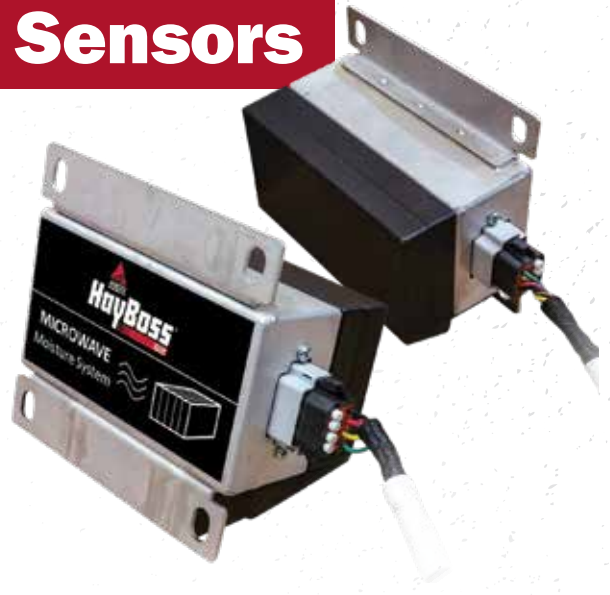




## LARGE SQUARE BALER OPTION

# Microwave Moisture Sensors

The most accurate automatic hay preservative applicator for more precision than ever before with the ability to read crop moisture with on-baler microwave sensors.



*Microwave sensors mounted on the baler pre-compression chamber.*

### When used with preservative applicators

- Positioned closer to pickup head where preservative is applied
- Accurately reads moisture across individual flakes through the pre-compression chamber eliminating lag time
- Upgrade option to all 700 Series applicators
- Moisture displayed through baler ISOBUS or tablet
- Select either star wheels or microwave input
- Reads crop moisture accurately up to 70%

### Preferred choice of Hay & Straw Producers for export & Artificial Dew Operations

- Accurately senses changes in artificial moisture
- Individual bale information recorded:
  - Time/Date
  - Average & High Moisture
  - Bale Weight
  - RFV/TDN
  - GPS Position (if equipped)
- Available for any large square balers equipped with Staheli Steamer
- Select either microwave (when steaming) or star wheels (for applying preservative)
- Optional upgrade to all 700 Series



*Microwave sensors mounted on the rear of the bale chamber.*

## LARGE SQUARE BALE IDENTIFICATION

# Dye Marker Options

Knowing moisture, RFV, and other crucial information about your bales is key to a successful baling operation. Being able to sort, manage, and track that information for each one of those bales enables you to take your operation to the next level. These two Individual Bale Identification Systems from AGCO can help you make those vital decisions.

### MOISTURE DYE MARKER KIT (HT740DM)

Set your moisture limit and the Dye Spray Marker will indicate which bales of hay come close to or exceed that limit. It plugs into the HayBoss and sprays red, food-grade dye on the bales when the hay moisture is above your set limit.

- If just a flake or two of the bale is wet, the red mark will be a short stripe on the side of the bale.
- If more of the bale is over your moisture limit, its entire side will be marked.

Now you can easily see the problem bales and can set them aside when you pick them up later for stacking.



### RFV DYE MARKER KIT (HT745RFV)

When an operator implements the RFV Calculator to their baling operation, they need to be able to identify the RFV of the actual bales themselves. An economical way to identify the RFV range of the bale is the RFV Dye Marker kit.

Consisting of a 5-gallon tank, 3 pumps and separate spray nozzles, the operator inputs the RFV ranges that they want to identify into the HayBoss system. The kit then sprays each bale with one, two, or three stripes of food-grade dye, showing the operator the RFV range for that bale.



# SMALL SQUARE & ROUND BALER

## HayBoss Systems

### HAYBOSS AUTOMATIC PUMPING SYSTEMS

The **HayBoss 300 Series Applicator** is equipped with a single, constant pressure pump with a pulsing solenoid and flowmeter that controls the rate of application.

The **HayBoss 600 Series** system has 3 pumps and flowmeter, and will power the individual pumps accordingly based on the application rate needed. Both of these automatic systems work on the concept that as the hay moisture fluctuates up and down, the system reacts to the changing conditions and applies the correct amount of preservative, so there isn't an under application or waste of extra product.

### PRESERVATIVE TANKS

A 25 or 55-gallon tank carries enough preservative for 100-200 tons of hay.



**ESTIMATED SMALL SQUARE BALES  
TREATED WITH 50 GALLONS OF PRESERVATIVE**

HAY MOISTURE	APPLICATION RATE	40 LB BALE	50 LB BALE	60 LB BALE
Under 22%	4 lbs/Ton	5,625	4,500	3,750
23% - 26%	8 lbs/Ton	2,813	2,250	1,874
27% - 30%	16 lbs/Ton	1,407	1,125	938



**ESTIMATED ROUND BALES  
TREATED WITH 50 GALLONS OF PRESERVATIVE**

HAY MOISTURE	APPLICATION RATE	1,000 LB BALE	1,250 LB BALE	1,500 LB BALE
Under 22%	4 lbs/Ton	225	180	150
23% - 26%	8 lbs/Ton	113	90	75
27% - 30%	16 lbs/Ton	57	45	38

### SPRAY DEVICES

Consistent preservative coverage through the hay is critical. Placement of the nozzles in the pick-up area has been accomplished by carefully locating a device to hold those spray tips in the best location to assure complete coverage of the hay being treated. Each baler model has a specific device for mounting the nozzles.



### MOISTURE SENSORS

Moisture sensor systems are included in 300 & 600 series for both **Small Square and Round Balers**.  
For more information, see pages 14-15.

### JOB RECORDS

By field the system tracks:

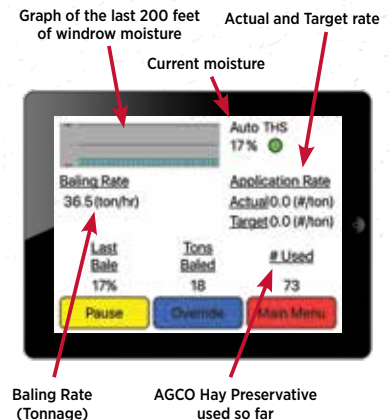
1. Tons baled
2. Average and high moisture
3. Product used
4. Time and date of baling

There is bale by bale detail to see information for each bale. System can store up to 60 job records.



### DATA COLLECTION

An iPad display with HayBoss 300 Series Applicators for Round and Small Square Balers.



## SMALL SQUARE & ROUND BALER

# Control Options

### HAYBOSS 300 SERIES AUTOMATIC APPLICATOR

The HayBoss 300 Series automatic applicator is the **product of choice for round and small square baler operators**, and has been designed for the customer who wants the ability to apply hay preservative automatically based on changing conditions effectively and efficiently.

Consisting of a redesigned and compact processor, and a single bypass pump that supplies constant pressure to a pulsing solenoid, it is an improvement in efficiency and response time for applying preservative. The operator has the option of running the applicator through their own iPad or iPad mini via charging cable for a clear, colorful display.

The HayBoss 300 Series automatic system is able to store up to 60 job records by field name with total tons baled, average high moisture, date and time, and amount of preservative used.



The HayBoss 300 Series Automatic Applicator can be controlled with an iPad or iPad mini.

### HAYBOSS 600 SERIES AUTOMATIC APPLICATOR

The HayBoss 600 Series Automatic applicator is the control system **for commercial operators that need complete control of their operation** and detailed information on each bale that is being made.

**ROUND BALERS:** The HayBoss 600 Series takes the moisture readings from the two discs in the bale chamber as the bale is being formed, and applies preservative based on the changing conditions. A sensor on the bale door helps calculate tonnage, identifies the individual bales, and records individual bale information into the job records.

**SMALL SQUARE BALERS:** The HayBoss 600 Series takes moisture and tonnage readings from the star wheel sensors, and also comes with a stroke counter and an end of bale sensor to accurately measure the number of strokes per bale and record the individual baler information into the job records as well.

The HayBoss applicator for round balers and small square balers **has the same job record capabilities of the large square baler**, with the ability to store up to 300 job records and 33,000 individual bales in those records.



The HayBoss 600 Series Automatic Applicator can be controlled with an iPad or iPad mini, or can be displayed through the tractor ISOBUS display.



AGCO C1000 Monitor (3 1/2" x 6") color normally supplied with an AGCO baler

### STANDARD ELECTRONIC CAB CONTROL

Ideal for small-scale operations, or for customers looking for a more economically priced applicator, an Electronic Applicator is an option. Available on all baler models and sizes, the system is controlled by a control box located in the cab.

- System is equipped with a single pump and gauge
- Pumping rate is increased or decreased by manually turning a dial on a control box in the cab that changes pump speed, therefore varying the output of preservative

#### This kit is available as:

- 25 and 55-gallon applicators for round and small square balers



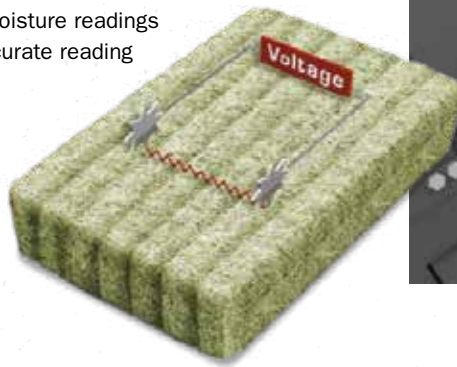
## LARGE SQUARE BALER

# Moisture Only Kit

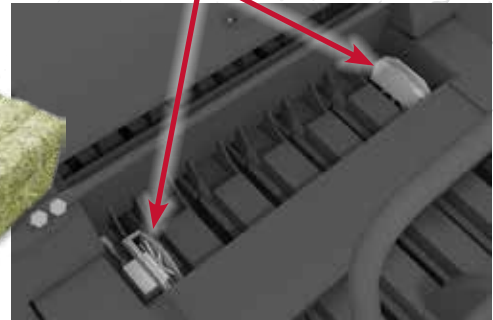
### HT700A MOISTURE ONLY KIT

Consisting of electronic controls and two Star Wheel Sensors located right behind the knotters.

- Star wheels read moisture content 28 times per second and provides an updated moisture content every 3 seconds
- Readings are accurate within +/- 2 points between 5% and 70%
- No matter what the forage, the moisture readings will give the baler operator an accurate reading of the crop during baling



STAR WHEEL SENSORS



## GAIN A Foothold ON CAPTURING PRECISION IN YOUR HAY OPERATION AND DISPLAYS THROUGH THE AGCO BALER ISOBUS DISPLAY.

Designed for those growers, operators, and especially exporters of hay that require precise moisture monitoring, but not the need for a complete preservative system, the HT700A System fulfills that need.

- Consisting of the same processor and accurate star wheel sensors as found on the HayBoss applicator
- Reads moisture, tonnage, and calculates individual job records on the go
- Compatible with the Moisture Dye Marker, RFV Calculator, GPS, and microwave moisture upgrade
- Easily expanded to become a full HayBoss applicator



## SMALL SQUARE & ROUND BALER

# Precision Moisture Only Sensor

**The most efficient, cost-effective moisture monitor with accurate readings, the new H2O Precision Moisture Sensor from AGCO is the answer.**

The moisture sensor uses the operator's Apple or Android smartphone or tablet as the monitor. The H2O control is mounted in the cab and connects via the charging cable to your device, along with the free H2O App from Harvest Tec.

### PRECISION MOISTURE SENSOR FEATURES & BENEFITS

- Displays instantaneous moisture
- Add-on kit is available to provide last bale average moisture (required for fixed chamber round balers)
- Rugged disc plates and star wheels are designed for long-term use with minimal wear
- Icon-based App is simple to use and free to download from the iTunes or Android Play Store
- Only on-baler moisture sensor to read up to 60% with reliable accuracy



## Small Square Baler

Two star wheels are mounted in the bale chute. The H2O System will **read crop moisture levels from 5% up to 33%** for small square balers.

### FEATURES OF THE NEW HARDWIRE DISPLAY INCLUDE

- Security of a hardwired solution
- Built-in tablet/smartphone charging capabilities
- Cellular data plan not required

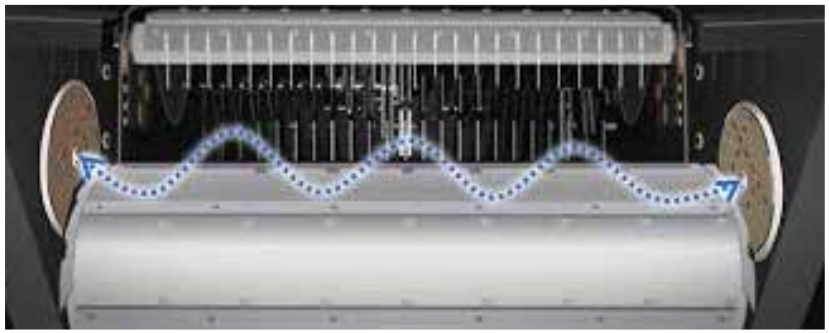


## Round Baler

The H2O System includes two sensing discs, one mounted on each of the baler's sidewalls, **reads crop moisture side-to-side from 5% up to 60% for round balers.**

### FEATURES OF THE NEW HARDWIRE DISPLAY INCLUDE

- Security of a hardwired solution
- Built-in tablet/smartphone charging capabilities
- Cellular data plan not required



## SMALL SQUARE & ROUND BALER Optional Dye Marker

With the H2O Dye Marker added to the H2O Moisture Sensor, any bale above a set moisture level is marked with a red, food-grade stripe. The bale is marked as it leaves the chamber, allowing the operator to easily identify those bales that are above their own moisture threshold. Operators can also manually mark bales with the push of a button.



# APPLICATOR & AGCO PRESERVATIVE SELECTION GUIDE

## LARGE SQUARE BALERS

### AUTOMATIC APPLICATOR KITS (DISPLAYS THROUGH BALER TERMINAL)

BALER MODEL	PART NO.
2140, 2150, 2160, 2170, 2170XD, 2190, 2250, 2270, 2270XD, 2290	HT7964518C
2140, 2150, 2160, 2170, 2170XD, 2190, 2250, 2270, 2290 with Roto-Cutter	HT7964519C
2250, 2270, 2270XD with Pro-Cut	HT7964542C
2150, 2250 with Packer-Cutter	HT7964527C
2170XD, 2270XD with Roto-Cutter	HT7964530C
2370UHD	HT7964544C

### ELECTRONIC APPLICATOR KITS

2140, 2150, 2160, 2170, 2170XD, 2190, 2250, 2270, 2270XD, 2290	HT4914518
2140, 2150, 2160, 2170, 2170XD, 2190, 2250, 2270, 2270XD, 2290 with Roto-Cutter	HT4914519
2250, 2270, 2270XD with Pro-Cut	HT4914542
2150, 2250 with Packer-Cutter	HT4914527
2170XD, 2270XD with Roto-Cutter	HT4914530
2370HD	HT4914544

## ROUND BALERS

### AUTOMATIC APPLICATOR KITS (REQUIRES iPad AS DISPLAY)

BALER MODEL	300 SERIES	600 SERIES
1734, 1745, 1746, 1756	HT3464484C	N/A
2745, 2746, 2746A, 2756A, 2766	HT3494508C	HT6494508B
2800, 2900 Series	HT3494524C	HT6494524B
RB 4100V	HT331	N/A

### ELECTRONIC APPLICATOR KITS

BALER MODEL	
1734, 1745, 1746, 1756	HT4414484
2745, 2746, 2746A, 2756A, 2766	HT4484508
2800, 2900	HT4484524
RB 4100V	HT431

## SMALL SQUARE BALERS

### AUTOMATIC APPLICATOR KITS (REQUIRES iPad AS DISPLAY)

BALER MODEL	300 SERIES	600 SERIES
1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842 (Tank Mount top of bale chamber)	HT3444416C	HT6444416B
1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842 (Tank Mount RH side of baler chamber) <b>Requires Rear Hitch</b>	HT3444417C	HT6444417B
1843N, 1843S – Engine Baler	HT3504502C	HT6504502B
1844N, 1844S – PTO Baler	HT3504485C	HT6504485B

### ELECTRONIC APPLICATOR KITS

BALER MODEL	
1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842 (Tank Mount top of bale chamber)	HT4344416
1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842 (Tank Mount RH side of baler chamber) <b>Requires Rear Hitch</b>	HT4344417
1843N, 1843S – Engine Baler	HT4484502
1844N, 1844S – PTO Baler	HT4484485

## MOISTURE ONLY KITS

### ROUND BALERS

H2O Sensor for all AGCO Round Balers (Requires phone/tablet as display)	HT201RB
Fixed Chamber Balers (Requires 201RB)	HT200FCA

### SMALL SQUARE BALERS

Universal H2O Sensor for all AGCO Small Squares (Requires phone/tablet as display)	HT201SS
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### LARGE SQUARE BALERS

Massey Ferguson 2100 & 2200 Series (Displays through baler ISO terminal)	HT700A
Massey Ferguson 2370UHD	HT700UHD

## MICROWAVE MOISTURE - Large Square Balers Only

### UPGRADE KITS FOR BACK OF BALE CHAMBER - 700 SERIES ONLY

Chute Kit	HT771MWM
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### UPGRADE KIT FOR PRE-COMPRESSION CHAMBER - 700 SERIES ONLY

Pre-Compression Chamber Kit	HT770MWM
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## ACCESSORIES

### LARGE SQUARE BALER ONLY

RFV Calculator Dye Marker <b>700 Series Only</b>	HT745RFV
Blue Dye	HT0801
Moisture Dye Marker Kit <b>700 Series Only</b>	HT740DM

### SMALL SQUARE, ROUND, & LARGE SQUARE BALER ACCESSORIES

Hay Indicators (crop-eyes)	Electronic, 300 & 600 Series	HT474A
	700 Series	HT474C
Combination Hand-Held and In-Chamber Moisture Tester		H8-FX2000
HayBoss 300 & 600 Series Field Ready Display Kit consisting of iPad mini 4, Casing, Mount, and Charger		HT4670DK
Dye Marker Accessory (Requires 201SS or 201RB)		HT200DM
Red Dye Package		HT0800
700 Series Field Ready Display Kit (Consists of Android, Case, Mount & Charger)		HT1670DK
Harvest Tec dedicated display for HayBoss 700 Series		HT7670DK

## AGCO HAYBOSS PRESERVATIVE

CONTAINER SIZE	US PART #	CANADA PART #
Mini Drum* – 13 Gal./120 Lb	HT15DR	HT15DRC
Drum* – 50 Gal./450 Lb	HT55DR	HT55DRC
Tote – 200 Gal./1,800 Lb	HT200MB	N/A
Large Tote – 265/2,380 Lb	HT270MB	HT270MBC

\* Not for sale in California

## PRESERVATIVE PUMPS

Standard Electronic Transfer Pumps	12-Volt	HT9212
	110-Volt	HT9215
High Output Electric Transfer Pump		HT9214



### Standard Electronic Transfer Pumps

Transfer preservative at a rate of 4-gallons per minute. Ideal for transferring AGCO Hay Preservative from the 13 or 50-gallon sized containers.



### High-Output Electric Transfer Pump

With a transfer rate of 14-gallons per minute, this 12-volt pump is a must when transferring preservative from the 200-gallon tote to the 110-gallon tank on your large square baler.