

We think the most important pieces of the "530" applicator is the Flow Meter and Variable Speed Control. A high quality hay preservative is a mold inhibitor. With the proper amount of hay preservative and nozzles placed at the proper spacing to get a good coverage on the hay you will not have mold or dust in your hay. To accomplish the proper



amount we use a standard chart for small bales, round bales, or large square bales. A custom chart can be made for your baling rates if the standard chart is not in your baling range.

#### Chart Parameters

- 1 - Type of bales
- 2 - Time it takes to make bales
- 3 - Moisture of the hay
- 4 - Weight of the bale

This information then gives us the amount of preservative to set on the flow meter using the variable speed control mounted on the tractor. This is the only calibration needed. No need to get a cup out and measure each nozzle.

Example: 6 small bales per minute, with 20% moisture, weighing 50 pounds. You would then set your flow meter at 45 pounds per hour using your variable speed controller on the tractor. If the 45 pounds per hour cannot be obtained with the variances of the controller, for example cannot get to 45, then uncap a nozzle or put bigger nozzles in to reach 45.



Flow Meters are available in two different sizes. One for small balers 20-220, one for round and big square balers 50-600. These flow meters are calibrated for hay preservative only. It is installed between the pump and the nozzles. If one of your nozzles get plugged your flow meter will drop in flow rate.

The Variable Speed Control is a 12 volt controller which is internally fused and will not burn-out if connected backwards. This controller works on all types of 12 volt pumps.

The 12 volt pump is American made with internal parts for propionic acid applications.

The applicator has an inline strainer with a 50 mesh screen and 100 mesh check valve screens at the spray tips.

*"We manufacture it, sell it, and service it. A complete circle of quality."*



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**Nutritional Blending, Inc.**

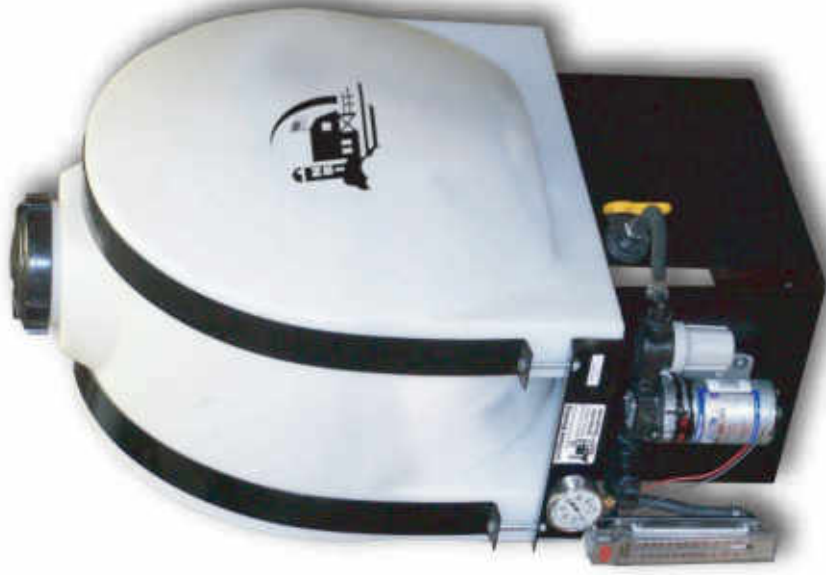
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This 30 gallon applicator is a complete applicator to mount on any baler, chopper, or stand alone. The pump unit (a 12-volt, 3-value, self-priming pump) mounts directly on the base of the tank. Application rates are monitored by a flow meter and pressure gauge, controlled by a tractor mounted on/off switch control that has an LED indicator and dial which controls the pump speed on a swivel-mounting bracket. Three nozzles are mounted on a spray bar to fasten to the baler. Three sets of spray tips are included with two caps. A flow meter is included for all applications. This unit is manufactured by Nutritional Blending, Inc.



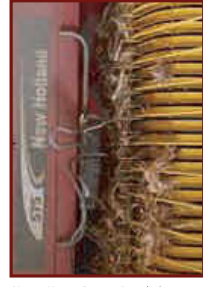
## 530 APPLICATOR



A high quality hay preservative is a mold inhibitor. With the proper amount of hay preservative and nozzles placed at the proper spacing to get a good coverage on the hay you will not have mold or dust in your hay.



The Three Nozzle Spray Bar mounts on your baler or chopper. The bar includes three spray tips and two caps. The spray tips have 100 mesh check valve screens.



Three Nozzle Spray Bar

