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To: Steamroller Update Recipients  
From: Neil Turner  
Date: May 5, 2003

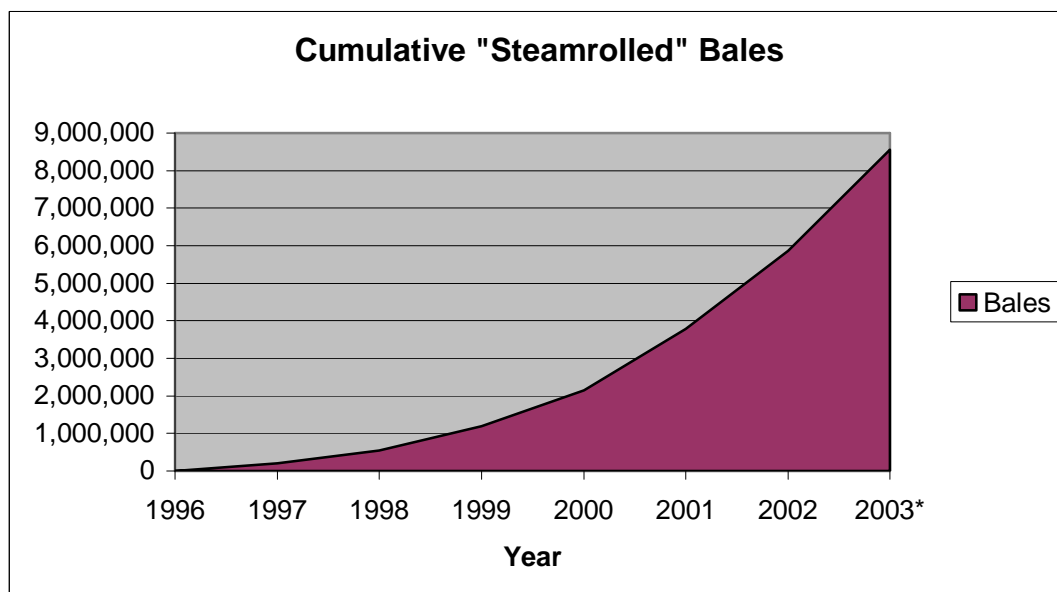
### May 2003 Steamroller Update

#### Growing Installation Base

The Steamroller remains the most popular option for gins looking to optimize moisture restoration, improve press performance, and provide mills with properly conditioned bales. In 2003 there will be approximately 60 Steamrollers operating worldwide. With all of these installations, there are tons of success stories, but perhaps nothing explains the power of a Steamroller better than the story from Windstar Gins.

Windstar will be operating its fifth gin in 2003 and based on the success of the Steamrollers at their other four plants, they have recently purchased their fifth Steamroller! Congratulations to Larry Nelson and to all of the growers everywhere who have their cotton processed using a Steamroller.

For a visual representation of the Steamroller growth, see the graph below. It shows the cumulative bales processed by a Steamroller since its invention. As you can see, we project\* that by the end of this year, 8.5 million bales will have been "Steamrolled".





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#### **Steamrolled Cotton Is Good For the Grower, the Gin, and the Mill**

Everyone knows restoring moisture weight benefits the grower and the effects of moist air on press performance are hard to ignore. Often overlooked but just as important is that when done properly and safely, moisture restoration can benefit the mill, too!

If you own a Steamroller or hope to one day, please make it clear to your friends and customers in the mill industry that there is a difference in moisture restoration systems. Steamrollers offer many benefits through the safe application of moisture evenly throughout the bale. These benefits do not stop at the gin door, but also extend to the mills.

#### Mill Benefits of Steamroller Cotton

- ?? Evenly applied moisture results in higher consistency throughout the bale.
- ?? Safer, more uniform opening of bales.
- ?? Faster conditioning of bales in the lay down room.
- ?? No concerns about color degradation in storage.
- ?? Drastically reduced problems with broken ties.

#### **What's the right amount of moisture?**

There are a lot of on-going discussions about the proper amount of moisture that can safely be added to a bale. Opinions can range across the board and it doesn't look like a consensus is about to be reached anytime soon, but there is some helpful advice to keep in mind.

First, much of the answer lies in how the moisture is applied. Proper moisture application is done evenly, throughout the batt with moist air. This avoids creating wet spots. If moisture is applied to a bale unevenly or in layers, even a total bale moisture content of 5% can have problems due to wet spots.

Next, you need to consider what moisture the bale will reach naturally in storage. Going above that number will result in weight loss in storage. Going below that number means money was left behind for the grower. You also need to consider at what moisture level your press operates at most efficiently. For most of our customers, the result is somewhere in the range of 7-8.5%. This is within a safe range of moisture preferred by mills, assuming the moisture is applied evenly with moist air.

Now that you have arrived at the best moisture level for you (by considering the impact on the growers, the gin, and the mill) the final step is maintaining it. Almost all of the recent Steamrollers have been purchased with the Platen Moisture Sensor, which when combined with the Moisture Mirror automatically measures and controls the lint moisture with a quick response. This is the best way to make an easy task of controlling bale moisture.



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**Moisture Mirror II**

The Moisture Mirror users I referred to in the previous section, loved the ability to set a target bale moisture and let the Steamroller take care of itself, but several have asked for additional features. These requests include bigger screens, the option to add screens (such as in the gin office) and the ability to print summary data.

These features are now available in the Moisture Mirror II and an upgrade package allows Moisture Mirror users to preserve their original investment. For all of you who were planning on adding the original Moisture Mirror because of its affordable price, don't worry it is still available. The upgrade availability simply puts more options within your reach so that you can choose the features that are important to you.

See more information from our website using the following link:

[http://procd.samjackson.net/pdfs/Moisture\\_Mirror\\_II.pdf](http://procd.samjackson.net/pdfs/Moisture_Mirror_II.pdf)

**Next Update**

In the next Steamroller update we will focus on using the Steamroller to grow your customer base. It is a powerful marketing tool that can help bring more cotton to your gin.

For more information on any of our products, please contact any Samuel Jackson representative or visit us online at [www.samjackson.com](http://www.samjackson.com). We look forward to your input and answering any questions that you might have.

Thanks for your continued interest in our products,

Neil Turner  
Vice-President of Sales & Marketing

*Steamroller Updates are written on a periodic basis to keep our customers informed of the latest developments. To receive this update by e-mail or to be removed from this update recipient list, please contact Neil Turner using the information at the top of this letterhead.*