

# How Forest-Free Printing Saves You Money

## SUGAR SHEET PAPER

## TRADITIONAL PAPER

### Sugar Sheet Paper (Sugar Cane Fibre)

### Traditional Paper (Tree Fibre)

Sugar Sheet is produced using sugar cane fibre residue called "bagasse". This raw material is a natural byproduct of the sugar cane crop, thus having no impact on forests or the food chain. One ton of refined sugar production results in an estimated two tons of bagasse<sup>1</sup>. This is one reason why bagasse is up to 5 times cheaper than wood<sup>2</sup>!

Wood Fibre is far from a perfect fibre source for the production of paper. Only 50% of the wood fibre is cellulose that can be used for paper<sup>3</sup>. Additionally, trees can take upwards of 20 years to mature. Other agricultural crops take less than 1 year to renew, making trees an inefficient source of cellulose for paper production.



**5X  
CHEAPER  
THAN WOOD**

### Sugar Sheet Paper (Sugar Cane Fibre)

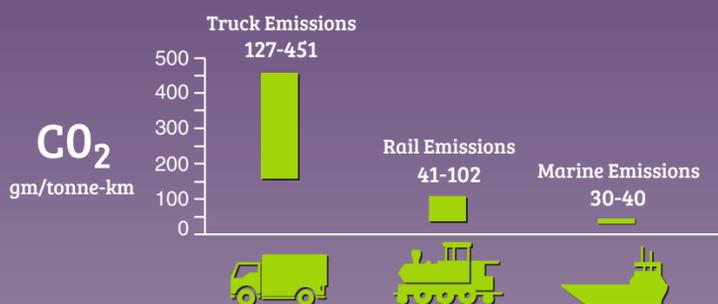
### Traditional Paper (Tree Fibre)

The environmental impact from shipping Sugar Sheet from South America by boat has been proven to be less than shipping traditional paper from North American mills to BC by truck or rail.

With roughly 336 mills in the United States alone, traditional paper is commonly shipped by truck and rail<sup>4</sup>. Unfortunately, both modes of transportation depend heavily on fossil fuels and are much less efficient to transport to BC.

**?**  
Did You Know?

Shipping 1,000 nautical miles by boat is less harmful than shipping 200 miles by truck.<sup>5</sup>

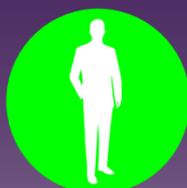


### Sugar Sheet Paper (Sugar Cane Fibre)

### Traditional Paper (Tree Fibre)

Royal has established mill-direct partnerships. By skipping the middleman and dealing directly with the mill, we're able to keep costs low and pass on the savings to our customers.

Typically, print companies cannot purchase paper directly from a mill - they need to purchase from a paper merchant. Not only is there additional cost for paper markup, but the paper needs to be shipped multiple times.



PAPER MILL

ROYALPRINTERS

CUSTOMER



PAPER MILL

NATIONAL PAPER MERCHANT

PRINT COMPANY

CUSTOMER

**Are you ready to start saving money and the environment?**

1. <http://www.tarzanaenterprises.com/tree%20free.pdf>  
 2. <http://phys.org/news/2009-03-paper-sugar-cane-trees-money.html>  
 3. <http://www.conservatree.org/learn/Essential%20Issues/EIPaperContent.shtml>  
 4. <http://www.cpbis.gatech.edu/data/mills-online-new>  
 5. <http://www.oecd.org/trade/envtrade/2386636.pdf>



ROYALPRINTERS

1

PRODUCTION

2

TRANSPORT

3

DISTRIBUTION