

# Committed to Sustainability



Improve tannery performance and leather quality with the latest solutions from Buckman.

## **Buckman is committed to sustainability in all markets served.**

What we do now to protect our natural resources, strengthen our social fabric and build our business on strong principles determines whether or not future generations will have the same opportunities for success as we do.

When it comes to protecting the planet, you can feel good about all that we do.

With your help, Buckman is:

- Reducing our environmental footprint
- Helping our customers reduce theirs
- Saving energy and money
- Increasing productivity
- Creating goodwill
- Conserving resources for future generations



# Put less into the environment and more on the bottom line.

Here are some case studies that document solutions we have provided for our customers and the benefits realized. Buckman can bring similar successes to your tannery.

## CASE STUDY

### Removing Sodium

**The Challenge:** A wetblue tannery needed to reduce the sodium in its wastewater to meet city discharge requirements.

**The Solution:** Buckman applied a low-sodium program using advanced Buzyne and Busperse® technologies that not only significantly reduced sodium input, but also improved hide rehydration, unhairing efficiency, and lime penetration. The result was faster processing and smoother, flatter hides. The tannery was able to discontinue use of less effective processing chemicals.

**Return on Investment:** The new low-sodium process saved \$300 per drum for an estimated ROI of \$62,400 per year.

**Return on Environment:** The amount of sodium sulfhydrate/sodium sulfide required for unhairing was reduced by nearly 50%. Now the tanner could easily meet the city's environmental requirements.

## CASE STUDY

### Optimizing the Beamhouse

**The Challenge:** A bovine tannery wanted to minimize the environmental impact of unhairing and liming while optimizing cleanliness, openness, and chrome penetration. An increase in area yield would be a bonus.

**The Solution:** Buckman replaced conventional chemicals with advanced Buzyne® enzymatic solutions which reduced sodium sulfide and eliminated the use of a number of auxiliary chemicals. Careful measurement indicated significantly improved wetblue area yield.

**Return on Investment:** The gain in area yield was conservatively estimated at an ROI greater than \$800,000 per year. The tanner also gained a better quality wetblue for the market.

**Return on Environment:** The tannery was able to avoid the use of approximately 480 tons of sulfur-based chemicals per year. Sodium sulfide was reduced 40–50%.

Buckman has been reporting biannually since 2010 to the Global Reporting Initiative (GRI) standard in six sustainability areas: economics, environment, labor, human rights, society and product responsibility. We are constantly looking for new ways to be greener, smarter and more efficient, while increasing productivity and profitability for our customers and partners. Our commitment is enduring. As enduring as leather itself.

## Want to know more?

We want to be your partner in sustainability. Contact your Buckman representative or visit [buckman.com](http://buckman.com) to learn about all the ways we can improve your operation's environmental footprint while enhancing your profitability. When you look to the future, look to Buckman.

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