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To protect the usefulness and availability of these technologies for the future, growers must implement an Insect Resistance Management (IRM) program as specified in product use guides for the following traits available in Pioneer corn hybrids: Herculex\* II, Herculex RW, Herculex XTRA and YieldGard® Corn Rorer.

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## - California News Net-



KITE POWER: The largest ship ever powered solely by a kite in U.S. waters glides across San Francisco Bay.

# Kite power makes history

By LEN RICHARDSON

HE largest ship ever powered solely by a kite in U.S. waters — a 308,000-pound commercial barge — glided across San Francisco Bay as part of the second annual Family Day Kite Festival on Sept. 15. The enormous wind sail that pulled the vessel, a 3,000-square-foot traction kite designed by KiteShip of Martinez, was only one of many astonishing and innovative kites flown at the festival.

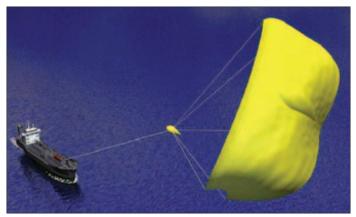
Held on the panoramic Marina Green overlooking San Francisco Bay, the weekend festival included the broadest range of kites ever assembled, from paper kites made by local children to high-tech contraptions flown by professionals from across the U.S.; they ranged from 1 inch to more than 600 feet in length in designs from stationary American diamond kites to fidgety and maneuverable Indian fighter kites.

KiteShip, the winner of two Guinness World records, was conducting an experiment to monitor real-world savings and performance in preparation for building a 13,000-square-foot traction kite in early 2008. As soon as this kite is launched, the pilot can throttle back to 70% to 80% power, reducing fuel usage and lowering emissions by 20% to 30%.

Facts about KiteShip:

- It holds multiple world records and patents for ultra-large traction kites used to power commercial vessels and vachts.
- It built the largest traction kite on record: 420 square meters (4,500 square feet).
- It holds the record for the largest vehicle ever pulled by a kite the 79-foot, 25-ton America's Cup yacht, IACC #71 Oracle.
- It won the California Clean Tech Award in 2006 for its contribution to helping ship owners save fuel and reduce greenhouse gas emissions.

While some flyers stood still to maneuver single, double and even four-line kites, others rode kite buggies that travel over 70 mph, kite boards that skim the waves at 51 mph, kite boats



**WIND FUTURE:** KiteShip, winner of two Guinness World records, is conducting experiments to monitor real-world savings and performance in preparation for building a 13,000-square-foot traction kite in early 2008.

### **Key Points**

- Kite can pull a 308,000-pound barge across the San Francisco Bay.
- Traction kite reduces barge fuel usage and emissions by 20% to 30%.
- Judges select Marilyn Monroe kite as Most Beautiful at kite festival.

that race through the water at up to 35 mph, and the historic kite ship, which travels at a stately 3 mph.

### The winners are

A panel of celebrity judges picked the winners of eight contests:

**Funniest:** Rhonda Davidson's "Blue Genie," a 7-foot-wide single-surface, modified cobra kite

**Biggest:** Blake Pelton's "Neptune," a 49-foot-long inflated parafoil

Smallest: Susan Skinner's "Butterfly in Pastel," a 1-inch-long Butterfly Shield kite made from a cocktail napkin with a metallic thread tail

**Longest Tail:** Department of Tethered Aviation's "The Red Line," a 637-footlong tail supported by a 20-foot-wide inflated flowform

**Most Innovative:** Mike Hagan's "EO," a 2-foot-wide foldable cellular EO6

**Best Ground Display:** David Sabilino's "My Menagerie," an artistic assortment of feather banners and Wayne Knott kites

Most Beautiful: Mike Hagen's "Marilyn," a 10-foot-wide, three-stick diamond appliquéd image of Marilyn Monroe, including lace panties

Best of Show: Department of Tethered Aviation's "The Red Line," a 670-foot-long flowform with tapered tube tail

Founded by Ron Young, the American Kitefliers Association-sanctioned festival was honored with a special "Family Day in San Francisco" proclamation by Mayor Gavin Newsom. 3Degrees reduced the carbon footprint of the festival by donating 50 megawatt hours of Renewable Energy Certificates from California wind farms. The event was sponsored by KRON 4, the Lawrence Hall of Science, Da Vinci: An Exhibit of Genius, Hometown, Stagell Productions, and Sage Communications.

See a full list of festival partners and activities online at www.familydaykite festival.org