### **Enhanced milk offerings** improve student lunch

Observer & Eccentric | Sunday, October 13, 2002

PRNewswire – In the face of escalating rates of childhood obesity and heightened public concern about the nutrient quality of foods in schools, a recent school study shows that students' milk consumption and nutrition status can be significantly improved by enhanced milk offerings in schools.

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In a yearlong study co-sponsored by the American School Food Service Association and National Dairy Council involving more than 100,000 students in 146 schools, milk sales increased 22 percent in secondary test schools and 15 percent in elementary test schools after enhancements in milk packaging and merchandising, flavors, varieties and temperature were made. These numbers are significant from a national public health perspective, given that only 12

perspective, given that only 12 and 30 percent of female and

perspective, given that only 1s and 30 percent of femile and male teens, respectively, consume the recommended daily servings of dairy foods.

\*\*Based on research, we know that on average, only those children who choose milk during the noontime meal come close to meeting their recommended calcium intake, says Dr. Rachel Johnson, professor of Nutrition and acting dean of the College of Agriculture and Life Sciences at the University of Vermont. "With the sharp rise in consumption of soft drinks and other beverages at the expense of milk, children may be at greater risk for bone fractures, as well as hypertension and osteoporosis later in life."

Prior to the study, 40 persent of children reported they

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Flu clinic clarification

disliked the traditional milk carton offered in schools. That number was cut in half with the introduction of a new plastic package, new flavors and the handling improve-

and the handling improvements that ensured a more consistent and colder temperature for the milk. In addition, more students reported choosing milk at lunch, and milk plate waste measurements showed that in both eight and 10-ounce packaging, children drank more of the milk they took.

In the student survey, 51 percent of respondents in 4th through 12th grade identify flavored milk as the 'type of milk most often drank at school lunch.' This represents a 10 percent increase over prepilot survey measures.

Over the course of the study, more students participated in the school meal program after the enhanced milk products were introduced. Average daily participation in meals served in schools were almost 5 percent higher in secondary test schools versus control schools at lunch. "An increase of this magnitude in school meal participation is significant for children form both a nutritional and a performance standpoint," said Gaye Lynn MacDonald, president of American School Food Service Association. "Research clearly shows us that children who participate in national meal programs have higher intakes of nutritious foods and specific nutrients - both at lunch and over the course of the entire day. In addition, we know that children who are better nourished perform better in school."

Specific factors enhanced in the milk product as part of the study included: lowfat flavor varieties (at least one new flavor in addition to chocolate, usually strawberry), convenient packaging (plastic reseable in various sizes) and merchandising, better refrigeration and alternate sales points (a la carte and wending in addition to meal line). The study, called The School Milk Pilot Test, was conducted in 47 elementary schools and 99 secondary schools in 12 U.S. markets. Beverage Marketing Corporation managed data collection and three waves of student surveys. They also coordinated product design and distribution with the nine participating dairy processors.

The National Dairy

the nine participating dairy processors.
The National Dairy
Council (R) was founded in 1915 and conducts nutrition research programs through national, state and regional Dairy Council organizations, on behalf of America's dairy farmers.
American School Food Service Association (

American School Food Service Association (
http://www.asfsa.org ) is a national, non-profit professional organization representing more than 55,000 members who provide high-quality, low-cost meals to students across the country. The association and its members are dedicated to feeding children safe and nutritious meals. Founded in 1946, ASFSA is the only association devoted exclusively to protecting and enhancing children's health and well being through school meals and sound nutrition education.

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## In last Sunday's Health section, the telephone number for the flu clinic at Civic Park in Livonia was incorrectly listed as (734) 466-2551. The correct number is (734) 466-**Get fit! Get healthy!**



Nomen's Health Awareness Day Friday, Nov. 15, 2002

at both પ્રેક્∜ish Community Center locations

D. Ban and Betty Kahn Building • 9:30 a.m.-3:30 p.m.

Eugene and Marcia Applebaum Jewish Community Campus • 6600 W. Maple Rd. • West Bloomfield

Learn yoga, self-defense techniques and have a healthy lunch. Meet authors of books on nutrition and women's health issues.

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Honny Prentis Morris Building • 9 a.m.-2 p.m.

A. Alfred Taubman Jewish Community Campus • 15110 W. 10 Mile • Oak

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