

CWSF 2015 - Fredericton, New Brunswick



Zane Wiebe, Muhammad Patel

Avocado Milk Emulsion

Challenge: Innovation

Category: Junior

Region: Saskatoon

City: Saskatoon, SK, SASKATOON, SK

School: Lakeridge

Abstract: Non-dairy milks are a recent food trend. Using the principles of emulsions we incorporated this knowledge to develop a non-dairy milk. We studied the ingredients of various non-dairy milks and found that the main ingredient was high in fats and proteins. This led us to avocados.

Biographies

Zane - I am from Saskatoon, SK. I am a grade 7 student. I am fortunate enough to have a family that consists of 2 younger brothers and both my parents. My mother is from South Africa - I am fortunate to have travelled to South Africa often. I love watching soccer, cricket and hockey and basketball. Carey Price is my favourite sportsman - he is a kind and generous man. I love to read, build Lego, bike, art, science. My love of science and chemistry, and my awesome science teacher, is what inspires me. My science partner and I would love to improve the taste of our product and improve the shelf life of the milk. My advice to others.....Have fun!

Muhammad - I was born in Niagara Falls, ON and moved to Saskatoon, SK when I was 9 months old. I have a younger brother and sister. My parents are from South Africa, and I am fortunate to have travelled there often. I love travelling and experiencing different places and cultures. My favourite sports are soccer and basketball. I love reading and am on the Teen Advisory Council for the Saskatoon Public library. I am very honored to have received an award for a Remembrance Day Essay from the Royal Canadian Legion. I love chemistry and inventing things and this gave us the idea to develop our Avocado Milk. We have an amazing science teacher and she makes I...

Awards

Value

Excellence Award - Junior - Silver Medal Sponsor: Youth Science Canada	
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 000