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June 15, 2017

TROPICANA PRODUCTS, INC.

1275 26th Ave E Bradenton, FL 34208-3918 Phone: 1 (941) 747-446

Pepsi-Cola Bottling Company of NY Inc.

11202 15th Ave College Point, NY 11356 1 (718) 392-1000

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To the President of **Tropicana**, Oswald F. Barckhahn and **Pepsi-Cola** Chairperson and CEO Indra K. Nooyi, Exec VP of Corporate Strategy and Chief Venturing Officer Jim Andrew, Exec VP of Communications Jon Banner, and USA CEO Albert P. Carey,

On June 6, 2017 we received test results back from Health Research Institute Laboratories confirming that glyphosate has been detected in all ten samples of the conventional orange juice we tested from the United States. We sent two samples from your company and both tested positive at 25.12 ppb of and 26.05 ppb of glyphosate. Tropicana's results were, by far, the highest. See lab results below for Tropicana.

We tested orange juice because it is a common beverage that an American child consumes to start their day, often everyday, and we are assessing how much glyphosate a child is likely to be exposed to in a given day. Seeing as the IRAC and many scientists around the world have deemed glyphosate herbicide a carcinogen, and it has been proven to be a neurotoxin, endocrine disruptor, antibiotic, chelator of essential minerals and nutrients, to cause non alcoholic liver disease at 4 nanograms per kg, and stimulates the growth of breast cancer cells at 1 ppT, we are obviously extremely concerned about any level being in any food, beverage, water or product to our children.

We are writing to ask you to please respond to us with a commitment to source oranges from farmers who are or who have pledged to stop using glyphosate based herbicides and all toxic chemicals on their citrus crops before July 1. We would love to announce for the 4th of July that America's citrus growers are freeing themselves and our citizens from chemical farming!

We understand that many citrus farmers feel they need toxic chemicals to reduce the growth of grass and weeds from growing between the trees and "competing with the trees for water." However, farmer educators have reported that citrus farmers need 50% more water when they use glyphosate based herbicides because these herbicides destroy the soil microbes, reduce the organic matter in the soil, and reduce water retention. Because glyphosate is a chelator it also holds or makes unavailable the vital nutrients of any living thing it touches, depleting both the soil of its resources for producing a more nutritious orange and a child consuming your orange juice of nutrients needed to develop properly.

Citrus farmers who do NOT use glyphosate based herbicides will actually save money on water, have more healthy soil with grass and weeds in between the trees, and will grow more nutritious product.

We are also very concerned about the possible use of GMO oranges. Consumer do not want genetically modified oranges. We are asking you to also commit to not purchase GMO oranges if they are approved.

We know that you and your staff are committed to providing orange juice which is a healthy start to any child's day and we would like to share your commitment with the public. We seek the opportunity to meet with, and/or receive a response in writing regarding this matter.

Images from report are below. At this time we are not disclosing the results to any other company or the public. Other companies tested 6X lower, at 4.33 ppb of glyphosate.

The methodology is : "Glyphosate and AMPA Detection by LC-MS/MS."

The lab routinely undergoes independent, third party proficiency testing of its methods. The lab is also certified under the Clinical Laboratory Improvement Amendments act of 1988 (CLIA-88) to perform high complexity clinical testing.



**Health Research Institute
Laboratories**

Report Number S0001323- 20170605
Report Date 2017-06-05

Certificate of Analysis

Sample Description: Orange Juice	Sample Numbers: S0001323-1332
Client: Moms Across America Mission Viejo	Receipt Date: 2017-05-25
Sample Volume: various	Test Date: 2017-06-02
	Shipment Temp: 0°C
	Storage Temp: 4°C

Samples:				Results:		
Sample ID#	Product Description, Manufacturer, UPC	Lot#, Expiration	Sample Volume	Glyphosate (ng/ml)	AMPA (ng/ml)	Effective Glyphosate Level (ng/ml)
S0001324	No pulp low acid orange juice / Tropicana / 048500309223	48 J V 2013 / Use by Jun 22 2017	59 oz	5.11	13.34	25.12
S0001332	No pulp low acid orange juice / Tropicana / 048500309223	48 JP 1918 / Use by May 04 2017	59 oz	4.70	14.23	26.05

Comments below are from a Farmer Educator on the subject of Citrus Growers using Glyphosate Herbicide. If we have the possibility of a meeting we will ask him to attend.

- 1) Glyphosate reduces water use efficiency by 50% so it takes twice as much water with glyphosate than it would using a Bracharia grass mulch for weed control as was demonstrated in Brazil.
- 2) Growers who use glyphosate will lose more trees from citrus variegated chlorosis (caused by *Xylella fastidiosa* and sometimes called citrus blight or CVC) and will soon be in the same position as they are with the imminent demise of their olive production from this disease – and for the same reason.
- 3) Nutrient availability, water infiltration into soil, and natural biological controls of their soil-borne diseases are all greatly reduced by glyphosate's mineral nutrient chelation and antibiotic activity. It takes more fertilizer to compensate for the reduced nutrient availability.
- 4) The science and epidemiological data show glyphosate is NOT safe – especially for young daughters (see Argentina, Yakima WA, Seralini, Krueger, etc., etc. data).
- 5) There are many alternatives to weed control, such as tending the microbes in the soil (high fungal content = high quantities and resistant weeds), steam weed control (completely non toxic and uses less water than toxic chemicals), mulch, cover crops, organic weed control, and more.

Thank you for your attention to this very important matter and a timely response.

Sincerely,

Zen Honeycutt
Executive Director
Moms Across America