



Chapin Living Waters (CLW) Bucket Kit News

April 2008



SUPER BUCKET KITS IN AFGHANISTAN

The International Fertilizer Development Center (IFDC) in Muscle Shoals, Alabama and the Ministry of Agriculture and Irrigation in Kabul, Afghanistan cooperated in a research program using Super Bucket Kits. The systems were used to water crops of tomatoes, watermelons and cucumbers.

IFDC is also conducting a study in irrigation and fertilizer at their research headquarters in Muscle Shoals as pictured in the upper left corner photo.

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Recent Requests for Bucket Kits

CAMBODIA—"Thank you for your help. Thank you for sending literature, a sample Bucket Kit and CD."

INDIA--"Thank you for your email regarding the agricultural help for the poor and needy through bucket drip irrigation. We appreciate your work throughout the world, touching so many lives through your projects."

TANZANIA—"I have met you at ECHO conferences and deeply admire your work. We will contact our friends in Tanzania with this information and get back to you."

NIGERIA—"Compliments. We received the prototype of the Super Bucket Kit and want to place an order for 6 cartons now."

BULLETIN! Dale Robar and Dick Dassow will represent CLWF at the INTERNATIONAL FOOD AID CONFERENCE at Kansas City, sponsored by USDA and USAID. We will be having a booth and a presentation to share with about 700 attendees from many countries. The April 14-16 conference will give CLW an opportunity to meet world leaders in Food Aid.

Drip Irrigation Project

Mr. George Waymouth is the Head of the Middle School Science Department at Key School in Annapolis, Maryland. Key has a partnership with Somers Park Primary School in England and with Chumbageni Primary School in Tanzania. Various activities are used to teach students about the challenges Africans face to provide their families with water. Kindergarten and 6th graders carried gallons of water in a relay races to learn about the hard work of carrying water long distances for family needs.

As part of a study of water issues and environmental sustainability, Mr. Waymouth's 6th grade students focused on drip irrigation. They used two of the Chapin Bucket Kits to irrigate kindergarten gardens. The 6th graders determined the spacing for the drip lines, cut materials to the appropriate size, and helped the kindergarten students assemble the system. To water the corn, beans and pumpkins, the kindergarteners transfer water that has been collected in rain barrels to the five gallon bucket.

Two more kits will be used for this year's project, which will involve the sixth grade students in the building of a treadle pump to transfer the water from a rain barrel to the bucket of the irrigation system.



6th graders show kindergarten students a slide show about the use of drip irrigation in Africa.



Key School 6th graders install a drip irrigation system during Earth Week.



Kindergarteners use bucket systems to water the gardens.



Key School Harvest Summer 2007

CHAPIN LIVING WATERS is a 501 (c)3 organization. Contributions are fully tax deductible.

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