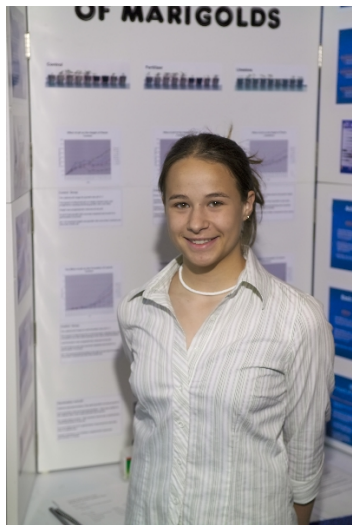


CWSF 2005 - Vancouver, British Columbia



Anne Ricci

The Effect of pH on the Growth of Marigolds

Division: Earth & Environmental Sciences

Category: Junior

Region: York

City: Markham, ON

School: St. Patrick Catholic Elementary School

Abstract: 81 marigolds in 3 rows (control, fertilizer, limestone) of 9 pots were watered with solutions of pH 3-11. Germination, height and number of leaves were recorded for 6 weeks. Optimal growth occurred at pH 5-7. Fertilizer improved growth. Limestone improved growth in acid soils. Neither prevented the effect of abnormal pH.