Colorado Science and Engineering Fair

2025 Individual Project Abstract Form

Please print 2 copies of the completed form. Sign both copies, keep 1 for your notebook and submit 1 copy to your Regional Fair Director with your other paperwork.

Title of Project: SOIL AND WATER RETENTION DYNAMICS

Finalist's Name: Taha Danisman

School and City: crescent view academy

Sponsor's Name: Emel Danisman

Category: Earth & Environmental Sciences

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

Soil is essential for plants' growth and maintaining healthy ecosystems. One important function of soil is its ability to hold and release water, known as water retention. This experiment studied three types of soil – sand, clay, and loam – to find out how well each retains water. Result showed that sandy soil retains the least water, clay retains the most but drains poorly, and loamy soil provides the best balance for plants. These findings help us understand why soil type matters in farming, gardening, and environmental conservation.

I hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. I also attest that the above properly reflects my own work.

Finalist's Signature: Date:

In addition, all students must complete the ISEF Student Checklist (1A), Research Plan, Approval Form (1B), and Checklist for Adult Sponsor (1), and any other ISEF forms required for this type of project. See the International Rules and Guidelines for form requirements. Return COPIES of all of these forms to your Regional Fair Director with you Finalist Verification/Permission Form. **A signed copy of this form must be included in your notebook.**