



Colorado Science and Engineering Fair

2024 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: What stock tank cleaner works the best?

Finalist's Name: Tripp Platt

School and City: Wiggins middle school Wiggins Colorado

Sponsor's Name: Tonya Platt

Category: Earth & Environmental Sciences (EAEV)

Division: Junior (6th - 8th grades)

Abstract (250 words or less):

Abstract:

What Stock tank cleaner works best?

Tripp Platt

Have you ever wanted your stock tanks to be clean and don't know what to use? I am testing two stock tank cleaners and one barley bail to find which has the best results. Stock tank Defense has beneficial bacteria formulated for livestock use. Natural stock tank cleaner has beneficial bacteria as well but it will break down any rust stains. As the barley straw slowly decays it releases a chemical that inhibits algae growth.

Choosing between three stock tank cleaners Summit 331 Barley bales Stock tank Defense, and Natural stock tank care. Algae is an aquatic plant that is similar to seaweed and other organisms. Algae has Chlorophyll but no other things like roots or leaves. Algae grows from photosynthesis which is when a plant uses sunlight to synthesize foods.

Algae is good for ponds and the ocean because it filters out bacteria and keeps it at a steady healthy level. Bad thing about algae is if you don't want it in stock tanks. Or if you have a fish tank and you need it clean so it doesn't hurt tank fish that need a sterile environment..

In conclusion I think that the two cleaners will work quite better than the barley straw.. I hope that I can figure out what cleaner is the better out of the three.

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:

Tripp Platt

Date:

2/9/24

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.