Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Emma Foster and Julia Nadolne

Title of Project Use of Mycorrhizal Fungi to Improve Soil Conditions for Agricultural Use

To be completed by the Student Researcher(s) in collaboration with Designated Supervisor/Qualified Scientist:
(All questions must be answered; additional page(s) may be attached.)

1. List all hazardous chemicals, activities, or devices that will be used; identify microorganisms exempt from pre-approval (see Potentially Hazardous Biological Agent rules).

   70% Ethanol will be used for sterilization.

2. Identify and assess the risks involved in this project.

   70 %Ethanol is flammable.

3. Describe the safety precautions and procedures that will be used to reduce the risks.

   Ethanol will not be used near any open flames. Student will wear protective goggles, lab coat, and disposable gloves. All experiments will be directly supervised by the teacher.

4. Describe the disposal procedures that will be used (when applicable).

   Surface decontamination will be done with 70% ethanol in spray bottle. All materials for sterilization will be given to the research teacher, and then autoclaved by the teacher.

5. List the source(s) of safety information.

   Safety Data Sheet

To be completed and signed by the Designated Supervisor (or Qualified Scientist, when applicable):
I agree with the risk assessment and safety precautions and procedures described above. I certify that I have reviewed the Research Plan/Project Summary and will provide direct supervision.

Michael Vaccariello, PhD		09/05/19
Designated Supervisor's Printed Name	Signature	Date of Review (mm/dd/yy)

Science Research Teacher/ Sachem High School East	mikevac67@gmail.com
Position & Institution	Phone or email contact information

biomedical laboratories(10 yrs), and mentoring research projects in the high school laboratory (18 yrs).

Experience/Training as relates to the student's area of research