

New Jersey Institute of Technology
 Institute Biosafety Committee (IBC)
 Attachment 2
 Plant Research

Experiments to genetically engineer plants by use of recombinant or synthetic nucleic acid molecules, to use such plants for other experimental purposes, to propagate such plants, or to use plants together with genetically-altered microorganisms or insects must be registered with the Institutional Biosafety Committee (IBC) Reference: [NIH Guidelines](#): Section III-D-5; III-E-2

1. Provide the common and scientific name of the plants used				
2. Does the research involve any <u>plant pathogens</u>, such as: bacteria, fungi, nematodes, phytoplasmas, viroids, viruses, and similar/allied organisms? <ul style="list-style-type: none"> If “Yes”, identify the type(s) of pathogens used in the text box provided 	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
3. There are federal regulations for the importation, interstate movement, or environmental release of certain genetically altered organisms or plant pathogens. Will the research involve any importing, shipping, or any other activities that would require a federal permit? (Mark “X” for Yes/No in the un-shaded box) <ul style="list-style-type: none"> If “Yes”, provide the USDA or APHIS permit # and identify the permitting agency in the text box provided 	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
4. Does the research involve the introduction of sequences encoding potent vertebrate toxins into plants or associated organisms? (Mark “X” for Yes/No in the un-shaded box) <ul style="list-style-type: none"> If “Yes”, explain and describe the toxin(s) in the text box provided 	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
5. Does the research involve the use of microbial <u>pathogens of insects or small animals</u> associated with plants? (Mark “X” for Yes/No in the un-shaded box) <ul style="list-style-type: none"> If “Yes”, explain and describe the pathogen(s) in the text box provided 	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
6. Does the research involve genetically-modified organisms that have a recognized potential for dissemination or detrimental impact on the environment? (Mark “X” for Yes/No in the un-shaded box) <ul style="list-style-type: none"> If “Yes”, explain and describe the organism(s) in the text box provided 	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
7. Does the research involve a plant species that is recognized as a noxious weed or can interbreed with	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

noxious weeds within the geographical area?

(Mark "X" for Yes/No in un-shaded box)

If "Yes" describe the procedures and/or practices used to mitigate the potential of dissemination or detrimental impact on the environment in the text box provided

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