

**Basic Considerations in Drafting an Industrial Hemp(IH) Research Proposal for an Indiana IH license
Office of Indiana State Chemist & Seed Commissioner**

Under existing federal law, and Indiana state law (IC 15-15-13), all licensed industrial hemp activities in Indiana are associated with research pilot programs, and are non-commercial activities. Research activities are conducted in Indiana under the control of an institution of higher education as prescribed by federal and state law. A research project must have a research proposal that details the purpose, place, process, and people involved in the proposal. A final summary of the project should be planned and submitted at the conclusion of your project. This brief is provided to give suggestions on how to prepare a proposal and to have it improved/refined in cooperation with a knowledgeable researcher.

While the laws require that research be conducted by an institution of higher education, researchers may receive ideas of research needs and offers of cooperation from any number of sources. An initial research proposal should include at least 4 critical elements; other information may be included based on the nature of the research proposed:

Purpose:

Why is this research project being proposed? What is the expected/hoped-for outcome? What are the plant varieties you want to test for this purpose?

Place:

Where will this activity be conducted? What kinds of security does this site have: 1) Restricted access to locked storage, or growing areas? Is the site fenced? Is it grown in a secured greenhouse, or interior to a building? 2) Limited personnel access (names, roles, students or full time personnel, graduate students? etc.) 3) Will you have security oversight, e.g., is the growing site on property where a responsible party's residence is in close proximity?, motion detectors, cameras, or other.

Process:

If growing industrial hemp, where will you get your seed? How much seed? How do you plan to sow or plant the seed? Are you intending to monitor your inputs? Fertilizers, watering or rainfall, weed control. Are growth measurements and phenology to be recorded? If so, by whom? How frequently? What samples will you take and when- to monitor what trait? What do you plan to do with the harvest and how do you intend to harvest the material itself? Etc.

If researching a process, what is the process step(s) you want to explore? What are the plant parts required for this project? (seeds, stems, flowers, etc.) What equipment will be used? What non-proprietary steps are included in the process? What will be tested and who will test for fitness for purpose of a researched process or step outcome? What is the target hoped for?

People:

Beside yourself, who else under your control will have access to the site and what is their role? (Name and role)

Final summary report:

What was the outcome of your research project? Did it result in a published scientific paper or popular article, or contribution to a website? Other? This report should be forwarded to the Seed Administrator, Mr. Don Robison (drobiso@purdue.edu).