Koppert Biological Systems has a unique and exciting opportunity! We are seeking a well organized individual with a positive attitude who is detail-oriented, reliable, self-directed, motivated and is able to respond to the ever-changing needs of a science laboratory.

In order to be eligible for consideration, you must have the required work and/or residency permits to work in the US, have no fear of bumblebees and not be allergic to pollen.

Under the direction of the Quality Supervisor, the Lab Technician’s responsibilities include (but are not limited to):

- Periodically work in each phase of the bumble bee production process to maintain knowledge of procedures and make improvements.
- Configure and operate laboratory apparatus and instruments such as stereo microscopes, compound microscopes, pipettes, balance, and molecular biology equipment.
- Maintain functional equipment by following operating instructions, troubleshooting breakdowns, performing preventive maintenance, calibration and repairs.
- Conduct general lab maintenance, including cleaning, making lab solutions, and disinfecting materials.
- Conduct microbiology lab tasks of creating slides of tissue culture extracting DNA, and conducting PCR analyses.
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- Perform basic laboratory and investigative procedures that involve collecting, recording, organizing, and verifying the accuracy of data.
- Perform calculations, prepare charts, graphs, and reports for review and sharing of data.
- Setup and maintain detailed laboratory records.
- Perform laboratory experiments to test scientific hypotheses relating to improving quality of bumble bee rearing processes, biological control products and field pollination.
- Assist the Quality Supervisor and other technicians in conducting experiments as needed.
- Develop standard operating protocols, modify techniques, maintain and update this material.
- Read, interpret and summarize literature related to pollinators and biological control agents.
- Engage in continuous education to enhance job knowledge by participating in workshops, seminars and reading current technical publications.
- Perform routine quality control sampling of bumble bee and biological control products to monitor the adherence of environmental, microbiological, and/or health guidelines.
- Conduct routine quality audits and safety inspections of the facility and bumble bee rearing processes. Participate in Quality, Production and Laboratory meetings to discuss results.
- Ensure that all laboratory protocols and procedures adhere to safety requirements.
- Provide orientation and training to new individuals joining the lab.
- Troubleshoot technical problems and provide technical support to production staff regarding quality issues with biological products and bumble bees.

Desired Skills and Experience
- Bachelors of Science (Biology, Fisheries and Wildlife, Entomology, Natural Resources, Conservation, etc.)
- 1-2 years of research experience
- Communication, analytical and mathematical skills
- Experience with MS Office programs

Preferred
- Lab Skills: At least 1 year experience working in a life science/biomedical lab environment using standard equipment. Experience working with tissue cultures using stereo and compound microscopes to detect microorganisms. Molecular biology skills including DNA extraction, PCR and sterilization.
- Computer Skills: Experience using statistical software packages (i.e. Minitab, SPlus, R, etc.) to analyze data.
- Bee Keeping: Experience working with bees.
- Reliable transportation.

When applying for this position please submit a cover letter and resume.