

----- Job Opportunities-Spring 2009 -----

Dow AgroSciences LLC, based in Indianapolis, Indiana, USA, is a top-tier agricultural company that combines the power of science and technology with the Human Element to constantly improve what is essential to human progress. Dow AgroSciences provides innovative technologies for crop protection, pest and vegetation management, seeds, traits, and agricultural biotechnology to serve the world's growing population. Global sales for Dow AgroSciences, a wholly owned subsidiary of The Dow Chemical Company, are \$4.5 billion.

The Trait Product Development group within R&D is hiring skilled and energetic **Molecular Biologists, Plant Transformation Biologists, and Trait Characterization and Introgression Managers** to join our research team focused on the development of trait products using improved transgenic technologies. We are currently seeking talent at all levels in both Indianapolis and Saskatoon Laboratories to fill multiple positions immediately. Exceptional organizational aptitude, outstanding communication and interpersonal skills are essential to succeed in the unique culture of this group.

Molecular Biologists – Trait Product Development –0802639 and 0802692 (Indianapolis) or 900285 (Saskatoon)
Responsibilities include design and construction of DNA vectors for plant transformation, and analysis of transgenic plants by Southern blots, PCR, Northern blots, quantitative PCR, and/or reverse transcriptase PCR. Experience with protein expression assays such as ELISA and Western blots for transgenic plant analyses is desirable. Strong data and material management skills are critical. **Qualifications include:**

- Bachelors, Masters, or PhD degree in Molecular Biology, Microbiology, Plant Biology or a related discipline
- Ability to use bioinformatic tools for primer design, sequence alignment and similar programs
- Experience in leading a small team with defined objectives and timelines is desirable

Plant Transformation Biologists - Trait Product Development -0803160, 0802691, 0900197 (Indianapolis) or 900286 (Saskatoon).

Successful candidates will design and execute innovative tissue culture and transformation experiments to support aggressive product development timelines for transgenic corn, canola and soybean. The biologists will lead development of highly efficient protocols using elite germplasm serve as focal points for data generation and dissemination, and be an integral part of large multidisciplinary teams. **Qualifications include:**

- Bachelors, Masters, or PhD degree in Molecular Biology, Microbiology, Plant or Cell Biology or a related
- Experience in hands-on design and implementation of high throughput transformation protocols for gene/construct evaluation
- Experience in development of novel methods to increase transformation efficiencies is desirable.

Biologists - Trait Characterization and Introgression Managers - Trait Product Development -0803141, 0802652 or 0802654

Biologists are needed to lead field trait introgression and transgenic trait development and coordinate research between lab, greenhouse, and field locations for corn, canola, soybean and/ or cotton. **Qualifications:**

- Bachelors, Masters, or PhD degree in Plant Breeding, Agronomy or Horticulture with Molecular Biology expertise or a related discipline
- Agronomic trial and field nursery set-up and management
- Experience in transgenic event characterization data analysis (PCR, Elisa, zygosity)
- Protocol and procedure development, method optimization and complex data analysis

Please send resumes/C.V.s to karmstrong@dow.com and apply online at www.dowagro.com/careers (for US jobs) or www.dowagro.com/ca (for Canadian jobs).