

## Targeted Growth, Inc. Job Description

<b>Position Title:</b>	Wheat Breeding Lead, U.S.
<b>Location:</b>	Bozeman, MT or Atlanta, IN
<b>Revision Date:</b>	03/11/2010
<b>Reports To:</b>	Science Director

### A. Position Objective:

Set strategy and manage wheat breeding trait validation and introgression projects. The wheat breeding program is focused on a) validating increased yield in novel wheat lines selected from mutagenized populations, and b) the development and commercialization of wheat with improved agronomic qualities incorporating mutations demonstrated to increase agronomic yield.

### B. Primary Responsibilities:

- 1) Create and keep updated a three-year breeding plan which ensures development of the product pipeline according to corporate needs.
- 2) Identify, introgress and evaluate in multi-location agronomic studies the best mutant product/s with highest potential for product completion and value to the grower and TGI.
- 3) Work closely with off-site lab personnel to implement the use of molecular markers in breeding where appropriate.
- 4) Coordinate and manage greenhouse projects for wheat breeding.
- 5) Draft and publish quarterly summary reports and present research results to management.
- 6) Develop and execute professional development plans for direct reports.
- 7) Maintain working relationships with various research cooperators regarding TGI breeding material and testing.
- 8) Represent the company at various industry functions and on working committees.
- 9) Expected travel is approximately 30% per year depending on location of successful candidate.
- 10) Position requires taking role as co-administrator for TGI's relational data base.

### C. Required Education and Experience

Education	Experience
Ph.D. in Plant Breeding, Agronomy or related field	3 years professional experience either post-doctoral, industrial, or governmental R&D

### D. Required Skills:

1. Ph.D. in Plant Breeding, Agronomy or closely related field with 3 years of relevant experience.
2. Experience in the design, implementation and management of nurseries and trials across multiple locations. Experience in a breeding program with commercial development objectives is desirable but not required.
3. Must have direct experience in deploying molecular biology techniques in support of product development.
4. Must have strong working knowledge of plant breeding, plot stewardship, data management and statistics.
5. Must be well-versed in the use of personal computers for business communications and for maintaining and analyzing nursery and yield trial information.
6. Personal initiative, innovative thinking and the ability to work in a team environment are essential for the successful candidate.

#### **E. Additional Skills Desired**

1. Experience with the development of transgenic crops, particularly wheat.
2. Experience sourcing germplasm and new technologies and familiarity with associated regulatory and licensing requirements.
3. Working knowledge of crop physiological mechanisms and traits that form basis of establishing and maximizing grain yield components.

#### **Company Background**

Targeted Growth, Inc. (TGI, [www.targetedgrowth.com](http://www.targetedgrowth.com)) is a crop biotechnology company focused on developing products with enhanced yield and improved quality for the agriculture and energy industries. Founded in 1998, TGI has developed a technology portfolio based on the key insight that regulating cell cycle processes can directly and significantly enhance plant yields. Over the past ten years, TGI has incorporated modern molecular breeding techniques with targeted genetic adaptations and biotechnology for a comprehensive approach towards optimizing the agronomic characteristics of plants for use in both food and fuel crops.

Targeted Growth offers a very competitive compensation package, including an attractive benefit package (health, dental, and vision insurance, 401k, and paid time off).

#### **To Apply**

Interested applicants are encouraged to submit a cover letter and resume to [careers@targetedgrowth.com](mailto:careers@targetedgrowth.com). Please reference the position title, "Wheat Breeding Lead, U.S." in the subject line.