



Integrated Plant Genetics, Inc. (IPG)

According to the United Nations, the earth's population has doubled in less than 50 years. Despite this dramatic increase in the number of mouths to feed, our food supply is in danger. Entire crops have been lost to pathogens and insects, but efforts to prevent these losses with chemical pest controls are costly, toxic and unsustainable. Clearly there is a need for alternative methods of fortifying food-producing plants against insects and pathogens.

Integrated Plant Genetics, Inc. (IPG) is a developmental stage, agricultural and food biotechnology company providing benign, sustainable genetic pest control methods to improve crop yields. IPG develops, produces, and licenses genetic technologies that provide enhanced functions to crops and microbes to create improved products that are cheap, safe, and highly profitable. For example, IPG has supplemented citrus trees with a synthetic antibody that gives resistance to citrus canker disease.

IPG has designed its unique genetic modification approaches to be inherently safe for both human and animal consumption, and the USDA and FDA have approved IPG-engineered genes used in food products. For these reasons, the firm enjoys a sustainable competitive advantage in the agriculture biotechnology marketplace.

Technology

IPG is developing citrus trees that are resistant to citrus canker and citrus tristeza virus, two of the top four diseases negatively impacting the citrus industry. IPG's **Disease Block™** base technology has proven effective in citrus in numerous demonstrations. The company is developing transgenic rice resistant to bacterial blight. Other synthetically engineered, disease-resistant genes are on the way.

Market Potential

- ◆ Estimated revenues of agricultural biotechnology firms were \$8.39 billion in 2002
- ◆ According to the Grocery Manufacturer's Association, over 70% of the groceries on U.S. shelves are already made with some genetically engineered component
- ◆ IPG is the only agricultural gene engineering start-up company in the state of Florida, the second largest agricultural producing state in the U.S.

Strategy

- ◆ Employ functional genomics analyses to identify genes with the potential to add value to an existing crop or food
- ◆ Use IPG's proprietary technologies to produce transformed, disease-resistant plants for particular markets and in particular growing regions
- ◆ License genetically-engineered plants and microbes (used in food processing) to plant growers and food manufacturers
- ◆ Expand the application and business horizons through strong international contacts in China, India, and Brazil

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Management Team

Chairman and President — Dean W. Gabriel, Ph.D.

Dr. Gabriel is a molecular geneticist and professor of plant molecular and cell biology at the University of Florida. He is also a consultant on a successful United Nations Food and Agriculture Organization (UNFAO) transgenic tree project in China, Panel Manager for the USDA's Biotechnology Risk Assessment grants program, and Director of the UF Plant Biocontainment Facility.

Director and CFO — Robert Breedlove

Mr. Breedlove has been CEO of two successful biotechnology start-up companies, IviGene Corporation and EraGen Biosciences, Inc. He has extensive investment banking experience on Wall Street and numerous contacts with venture capital funds.

Director — Charles Reed

Mr. Reed is the owner of Reed Brothers Citrus Nursery in Dundee, Florida.

Chief Scientist — Yong Ping Duan

Dr. Duan is a Research Associate at the University of Florida.

Contact Information

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Contact Information

For more information about this start-up opportunity or to arrange a meeting with the management team, contact:

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