Late Blight is a Global Problem

Late Blight Resistant Potatoes Will Help Fight Poverty

• Potatoes are the 3rd most important food crop in the world.
• A late blight resistant potato could increase potato yield production by 30%.
• Currently in the developing world the annual market loss due late blight is almost $3 Billion.
• Almost 20 million people in the developing world would benefit greatly from a late blight resistant potato.
• Over 700,000 people would be brought out of poverty.
(Source: https://cipotato.org/)

Regulatory, Education, Training, Stewardship

FFBPP includes a highly skilled, experienced, dedicated Regulatory Team led by Karen Hokanson, University of Minnesota. She is building institutional regulatory and biosafety capacity in partner institutions through quality management systems, work-based training and biosafety audits. This interaction will enhance regulatory compliance and develop individual and institutional biosafety and regulatory capacity. This will result in better communication between the institutes in developing countries and their government regulatory agencies.

Our team is currently facilitating effective human and institutional capacity development (HICD), through education and hands on training. Our HICD plan identifies and helps develop the necessary skills in national partners for product evaluations, commercialization, and stewardship.

Our communication plan will keep key stakeholders informed of both the benefits of the LBR potato as well as product developments as they are achieved. When our products have completed regulatory approval we will work with local entities to prepare the way for distribution, acceptance, and use of the newly developed product.

Overall, the project will contribute to the goals of: 1) reducing malnutrition and improving health; 2) reducing use of harmful pesticides; 3) reducing pre-and post-harvest losses; 4) improving the social and economic standing of women; and 5) catalyzing economic growth.

Additional Projects:

USAID Project: Bt-Eggplant India. Our team is providing management and regulatory expertise for a Bt-Eggplant product release in India.

USAID Project: International Potato Center Late Blight Resistance project for Kenya/Uganda
Our team is using the CIP three gene to build research and regulatory capacity prior to the introduction of the Simplot technology.

USAID Project: Legacy Potato South East Asia
Our team is exploring the utility of the USAID ABSPII (Legacy) potato to improve the sustainability of late blight for farmers in Bangladesh and Indonesia.

USAID Project: Venganza RNAi technology. Our team is testing the usefulness of RNA interference for Late Blight resistance.