INNVICTIS BIOSCIENCE
PLANT HEALTH TECHNOLOGIES

NUTRIENT MANAGEMENT ENHANCEMENT

Revv-uP™ Revv-uP™ G

TURNING CHALLENGES INTO OPPORTUNITIES & AGRONOMIC ROI!

CHALLENGES

Russet Burbank potato plants with tuber yields that range from 400 to 500 cwt/acre will take up the following amounts of macronutrients per acre:

- **Nitrogen (N)** 200 to 240 lb/acre
- **Potassium (K)** 280 to 320 lb/acre
- **Phosphorus (P)** 25 to 35 lb/acre
- **Sulphur (S)** 18 to 24 lb/acre
- **Calcium (Ca)** 50 lb/acre
- **Magnesium (Mg)** 40 lb/acre

Soil Test P (0-12 inch depth) (ppm)	% free lime (lb P_2O_5/acre)			
	0	4	8	12
0	320	360	400	440
5	240	280	320	360
10	160	200	240	280
15	80	120	160	200
20	0	40	80	120
25	0	0	0	40
30	0	0	0	0

University of Idaho. Nutrient Management Guidelines for Russet Burbank Potatoes. BUL 840

OPPORTUNITIES

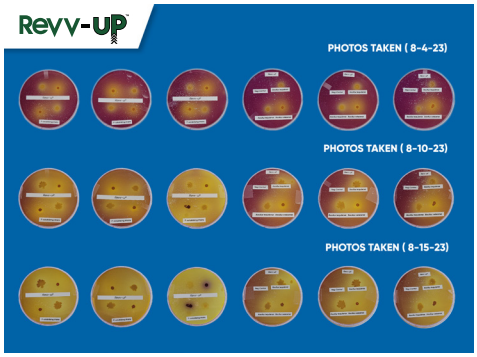
Adequate amounts of phosphate are important for helping to maximize growers agronomic ROI and yield. Things like pH, and free lime can have an effect on the solubility and availability of phosphate. For example, in a high pH soil, with excess free lime, phosphate can react with calcium, making it insoluble and unavailable to the crop.

Innvictis BioScience® has two solutions to this problem - Revv-uP™ & Revv-uP™ G! These products contain two specific plant growth promoting rhizobacteria (PGPRs) in spore form. Once the PGPRs become active, they help convert applied phosphates, or phosphates tied up in the soil, into a soluble, plant available form. Revv-uP can be applied with liquid phosphate and Revv-uP G can be impregnated on dry phosphate.

KEY BENEFITS

- Plant growth promoting rhizobacteria (PGPRs) in spore form
- Once active, PGPRs help convert applied phosphate, or phosphate tied up in the soil, into soluble, plant available forms
- Healthier rooting system
- Helps mitigate stresses associated with salinity
- Designed to be applied with liquid and dry fertilizers

ROI



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