Soybean

Biggest source of protein & oil

Production Share:
Brazil  33%
US    38%

Soybean Pesticide Market
Brazil: $2.2 Billion
US:    $2.6 Billion
Asian Soybean Rust

Projected: 30% soybean loss by 2025

Cost of Control in Brazil alone: $2.2 billion/year

Plant fungi become resistant to traditional chemical pesticides
The Solution

Nano-technology  Genetic Engineering  Nano-fungicide

Proven viability against bean rust

Current Focus: Soybean rust

Patented Platform: License to other applications

Soy  Bean  Coffee  Corn

...
Competitive Advantage

Traditional Pesticides

- High toxicity
- Non targeted
- Efficacy 80% and dropping

nanobiotec

- Lower toxicity
- Targeted action
- Stable efficacy 88%
- Lower cost per acre

BASF - The Chemical Company
Bayer
Syngenta
Go-To-Market Strategy

ACADEMIC PARTNERSHIPS

INDUSTRIAL PARTNERSHIPS
Business Model: B2B Licensing

License

Royalties

Combine Active Ingredient with Formulation

Produce / Sell

$$$

nanobiotec

BAYER

BODY

PRODUCE / SELL

$ $$
Revenue Projections

Licensing Agreement with Bayer-Monsanto

23% Global Fungicide Market Share

$1 Billion Soybean Fungicide Market

50% Implementation

$115 Million

5% Royalty Fees

(End of year 4)

$5.75 Million

Upfront payments to cover launch costs
1. Licença de aplicação da tecnologia
2. Fornecimento de princípio-ativo

Ask

Angel Round

$250 K
Year 1-2
R&D in Brazil

$290 K
Years 2-4: Brazil Launch
Field Testing in Brazil
Approval In Brazil

> Brazil Product Launch
Large-Scale Production

VC Round A

$500 K
Years 4-9
Approval In U.S (Legal, IP & Licensing)

$1 Million
4 + Years
Sale Cost
R&D Cost

> US Product Launch
Large-Scale Production
Brazil Team

Founding Partners

CAMILA VIANA  
Microbiology PhD

SABRINA FELICIANO  
Microbiology PhD

Inventors/ Technology Consultants

PROF. ARY CORREA JR  
Biologists

PROF. LUIZ ORLANDO L.  
Physicists

DR. LEONARDO RODRIGUES  
Biologist
U.S. Team

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Industrial Engineer B.S
MBA

PETER NGUYEN
Chemical Engineer B.S

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Product Developer

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Biotechnology Engineer B.S

VINEET NAIR
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Economics B.A

VIV PITTER
Chemical Engineer M.S.
Product Developer

Mentor
NATASHA CHATLEIN
Appendix
Competitive Landscape

Global Soybean Demand:
Increasing at 4% per year

Pesticide Sales (US$)

- Other players (Bayer, BASF, 4 smaller players)
- Largest competitor [Elatus™] = US$384 Million
# Financial Statement - Angel Round

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<th></th>
<th>1 year</th>
<th>2 year</th>
<th>Year 3</th>
<th>Year 4</th>
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<td>Infrastructure</td>
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<td><strong>Total</strong></td>
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<td><strong>$209,827.38</strong></td>
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**TOTAL** $540,000