BountiGel®

First in Pipeline of proprietary, non-toxic, cross-linked polymers, called Aquamers

Holding water around roots reduces energy plant uses for water absorption, resulting in higher yields with less water.
### Summary Capitalization - Pre- and Post-Money Valuations

<table>
<thead>
<tr>
<th>STOCK</th>
<th>Closing Date</th>
<th>Shares Outstanding</th>
<th>Percent</th>
<th>$ Invested</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMON STOCK</td>
<td>4/27/16</td>
<td>7,281,632</td>
<td>27.44%</td>
<td></td>
</tr>
<tr>
<td>2010 EQUITY INCENTIVE PLAN (Authorized)</td>
<td>4/27/16</td>
<td>6,862,631</td>
<td>25.37%</td>
<td></td>
</tr>
<tr>
<td>SERIES A PREFERRED STOCK</td>
<td>2/10/2012</td>
<td>13,092,611</td>
<td>49.33%</td>
<td>1,725,383</td>
</tr>
<tr>
<td>SUBTOTAL</td>
<td></td>
<td>26,538,866</td>
<td>100.00%</td>
<td></td>
</tr>
</tbody>
</table>

**Post-Money Valuation** $3,493,316

**Pre-Money Valuation** $1,769,933

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### Boun%Gel™

**University and Commercially Validated**

<table>
<thead>
<tr>
<th>University Studies: 20+ over 3 years</th>
<th>Semi-commercial Growers' Trials: 40+ over 2 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>• UC Davis: El Centro, Salinas, Coachella, Yolo</td>
<td>• Mike Sudduth Farms • Button &amp; Turkovich Farms • Rominger Brothers Farms • Lagorio Farming Co. • Jones Farms • Five Points Ranch • Kono Farms • Sano Farms • Randy and Christina Farms • Farm and Land Co. • Burford Ranch • Pappas Farms • Red Bluff Ranch • Williams Ranch • Calico Farms • Carvalho Farms • Chalee Farms • Diedrich Farms • Justin Gioletti/Rocha Farms • Leal Farms • Mirabella Farms • Polder Farms • Westbase Farms</td>
</tr>
</tbody>
</table>
Summary Capitalization - Pre- and Post-Money Valuations

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</thead>
<tbody>
<tr>
<td>COMMON STOCK</td>
<td>2010 EQUITY INCENTIVE PLAN (Authorized)</td>
<td>7,388,632</td>
<td>27.44%</td>
<td>$1,725,353</td>
</tr>
<tr>
<td>SERIES A PREFERRED STOCK</td>
<td>2/10/2012</td>
<td>6,164,623</td>
<td>23.23%</td>
<td></td>
</tr>
<tr>
<td>SUBTOTAL</td>
<td></td>
<td>26,558,856</td>
<td>49.57%</td>
<td>$1,725,353</td>
</tr>
<tr>
<td></td>
<td>Post-Money Valuation</td>
<td>$ 5,495,266</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pre-Money Valuation</td>
<td>$ 1,725,353</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SERIES A-1 PREFERRED STOCK</td>
<td>11/28/2012</td>
<td>8,909,467</td>
<td>25.13%</td>
<td>$ 2,500,000</td>
</tr>
<tr>
<td>SUBTOTAL</td>
<td></td>
<td>25,468,333</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Post-Money Valuation</td>
<td>$ 9,496,816</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pre-Money Valuation</td>
<td>$ 7,496,816</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
BountiGel
Decrease Water, Increase Yields

Full Irrigation
Untreated

75% Irrigation
10.4% Yield Increase

BountiGel

COMPANY CONFIDENTIAL

More Crops:
University and Commercial Trials

<table>
<thead>
<tr>
<th>Location</th>
<th>Crop</th>
<th>Year</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSJ</td>
<td>Dehydrated Onion</td>
<td>2013</td>
<td>15% increase in yield</td>
</tr>
<tr>
<td>WSJ</td>
<td>Garlic</td>
<td>2014</td>
<td>Sample Harvest: up to 17% greater yield</td>
</tr>
<tr>
<td>SD</td>
<td>Bell Pepper</td>
<td>2013 and 2014</td>
<td>8.74% increase in number of High quality fruit (Wall Thickness)</td>
</tr>
<tr>
<td>SD</td>
<td>Broccoli</td>
<td>2013</td>
<td>6.9% increase in yield. Increase yield with 75% ET irrigation</td>
</tr>
</tbody>
</table>

COMPANY CONFIDENTIAL
Financing to Date:

- **Series A**: $4.2 M
- **Pre- Money Valuation**: $12.0 M
- **Series B**: $5.5 M
- **Post Money Valuation**: $17.5 M
BountiGel 2014/15

20% Water ↓, 10% Yield ↑

* $200 in Water Savings
* $415 in Yield Increases

Yuma AZ–Lettuce Trial

Each carton must be a minimum of 40 lbs or add additional heads
Mexico

Principal ecosystems in Mexico

25% Water↓, 25–60% Yield/Quality↑

Crops:
- Tomatoes
- Bell Peppers
- Cucumbers*
- Green Onions
- Asparagus
- Table Grapes*
- Cantaloupes*
- Transplants*
- Strawberries

* New in 2015

Mexico: Green Pepper Results

75% Irrigation/Fertigation

Control

BountiGel®
Mexico: Green Pepper Results

BountiGel®
Control

Production/quality increase >58%

Baja Mexico: Strawberry Results
Decrease Water, Increase Yields

BountiGel™
Control
Grower, End User

Licensed Dealers

- crop input distribution

Certified Crop Advisor
- provides written recs. on crop inputs to growers

Distribution

Production

- Six step process - In house through 2015
- Toll manufacturing in 2016
  - Gross Margin > 55%
  - Scale-up this year
Competition

“Do nothing……”

20 year old technology

Initial Market: High Value Crops

**US and Mexico:**
- # of acres of high value crops: 4 M
- expected revenue per acre: $120
  - Total addressable market: $480M

**Rest of World:**
- Total addressable market: $4.3B
Turf and Ornamentals: $2B

Seed Coating- $2B

2014/5 Field Trials:

- Germ Uniformity
- Plant Height
- Vigor

Coated w/ Aquamer (dry)

Coated w/ Aquamer (wet)
Soil Fertility: $10B

BountiGel absorbed liquid fertilizer

BountiGel immobilized fertilizer surrounds plant roots

Fertilizer was not used efficiently leaches out of root zone.

SOIL FERTILITY

Green Onions
Baja, Mexico

NO3

<table>
<thead>
<tr>
<th></th>
<th>100%ET - Control</th>
<th>100%ET - BountiGel</th>
<th>75%ET - BountiGel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrate - NO3 (ppm)</td>
<td>12.8</td>
<td>17.6</td>
<td>30.4</td>
</tr>
</tbody>
</table>
Soil Applied Crop Inputs: > $1B
(insecticides, fungicides and biologicals)

BountiGel absorbed water soluble crop inputs
Non-immobilized crop inputs

BountiGel immobilized crop inputs surround plant roots
Crop inputs not used efficiently
Leach out of root zone.

Intellectual Property Library

1. Gel and Hydrogels- initial product, BountiGel, to be commercialized
   PCT/WO2012/064787 (05/18/2012)
   US 20130303665 (11/14/2013)

2. Prevention of topsoil erosion with hydrogels
   PCT/CA2013/050656 (08/23/2013)

3. Porous gels and uses thereof- Generation II, increased absorption in reference to 1. above
   PCT/CA2013/050673 (08/30/2013)

4. Solid hydrogel media methods of preparation and use therefor- passive H2O movement
   PCT/CA2013/050714 (09/18/2013)

5. Cross-linked hydrophilic polymer coated seeds and methods of preparation thereof- seed treatments
Market Opportunity

High Value Crops
Turf and Ornamentals
Seed Treatment
Soil Fertility Management
Crop Input Management

Anywhere water is used-

$10 B +

Future Markets:

Next Generation Super Absorbent Polymer:

Composites and laminates
Diapers and incontinence garments
Drown-free water source for feeder insects
Filtration applications
Fire- retardant Gel
Fragrance carrier
Frog tape (high tech masking tape designed for use with latex paint).
Hot & cold therapy packs
Magical effects
Medical waste solidification
Motionless water beds
Spill control
Surgical pads
Waste stabilization and environmental remediation
Water retention for supplying water to plants
Wire and cable water blocking
Wound dressings
Fuel monitor systems in aviation
Fuel monitor systems in vehicles
Artificial snow

$BBB
• Proprietary platform and pipeline

• University and Commercially Validated

UC DAVIS FRESNO*STATE

• Scalable for Global Commercialization

• Commercial in Baja MX, CA, AZ

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541-460-3120