Organic Hydroponics High Yielding Crop Feeding Schedule

1. Clone/Vegetative Growth Week 1-3:
1/4 Cup Insect Frass per gallon of dechlorinated or R.O. water.

Dechlorinate by allowing water to sit over night or with an air stone for 20 minutes.

Insect Frass is not 100% soluble so an extract must be made for systems that have the potential to clog. (i.e. mist, drip, etc.)
To create an extract, simply put Frass in a nylon stocking and allowing it to sit in water for 10-20 minutes, agitating the nylon by hand periodically.

If using R.O. water first dissolve up to 1 tbsp Gypsum per gallon water. 200-300ppm
Monitor the pH while adding Frass.
Keep the pH in the 5.5-6.5 range.
We recommend using organic methods to lower pH (i.e. lemon juice, vinegar, peat tea), although inorganic methods may also be used to achieve desired pH.

It is important to keep your reservoir aerated at all times. Air stones should be set to run continuously (24/7).

If not using a nitrogen fixing bacteria, supplement with 100-200 ppm of an organic sodium nitrate like Nitrex*

Recommended Supplements:
Add Humic/Fulvic acid, soluble Kelp, Mycorrhizae and Nitrogen fixing bacteria as per product instructions.

2. Bloom/Fruiting Week 4-10:
1/4-1/2 Cup Insect Frass per gallon of dechlorinated or R.O. water.

If using R.O. water first dissolve up to 1 tbsp Gypsum per gallon water. 200-300ppm
Monitor the pH while adding Frass.
Keep the pH in the 5.5-6.5 range.
We recommend using organic methods to lower pH (i.e. lemon juice, vinegar, peat tea), although inorganic methods may also be used to achieve desired pH.

Recommended Supplements:
Add Humic/Fulvic acid and soluble Kelp as per product instructions.
If not using a nitrogen fixing bacteria, supplement with 100 ppm of an organic sodium nitrate like Nitrex*

3. Ripening/Finishing Final 4-5 days:
Dechlorinated water only

Recommended Supplements:
Add Carbohydrates (Sweeteners) as per product instructions.

All application rates are per gallon r.o. water. ** If using nitrogen fixing bacteria, Nitrex* can be eliminated or use at half dose. @ = Use as per product directions.
*All brand and product names are trademarks of their respective companies. CaCO3 is calcium carbonate

Organic Hydroponics High Yielding Crop Feeding Schedule

<table>
<thead>
<tr>
<th>Growth Phase</th>
<th>Hours of light</th>
<th>18</th>
<th>18</th>
<th>18</th>
<th>12</th>
<th>12</th>
<th>12</th>
<th>12</th>
<th>12</th>
<th>12</th>
<th>12</th>
<th>Finish</th>
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<tbody>
<tr>
<td>Seed, Clone</td>
<td>week</td>
<td>-1</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
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<tr>
<td>Vegetative</td>
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<td>1/4 cup</td>
<td>5 days</td>
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<tr>
<td>switch</td>
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<td>1 tbsp</td>
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<tr>
<td>Flowering - Fruiting</td>
<td></td>
<td>200 ppm</td>
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</tr>
</tbody>
</table>

Recommended Supplements

| Humic Acid    | Yes @         | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | 0       |
| Soluble Kelp  | Yes @         | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | Yes @ | 0       |
| Mycorrhizae   | Yes @         | Yes @ | Yes @ | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       |
| N Fixing Bacteria | Yes @ | Yes @ | Yes @ | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       |
| Carbs/ Sweetener | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | Yes @ | Yes @ | Yes @ |

Notes: ** If using nitrogen fixing bacteria, Nitrex* can be eliminated or use at half dose. @ = Use as per product directions. *All brand and product names are trademarks of their respective companies. CaCO3 is calcium carbonate.