Plant Nutritive Cycles

NaturalFarmingHawaii.net
Manipulating and assisting the plant nutritive cycle is advanced natural farming, and you may damage your plants. If you do not feel comfortable, solely use the maintenance spray.

—Johnny Appleseed
Maintenance Spray

- OHN 1:1000
- BRV 1:500
- FPJ 1:500
Stages & Solutions

1. Seed Soak
2. Leaf & Growth
3. Root, Flower & Structure
4. Fruit, Seed & Reproduction
5. Enhanced Ripening
Seed Soak

- Helps plants grow big and strong from the start
- Cotyledon (first leaves in seed) will be twice as large
- Microbes coat entire surface and grow with the plant, making less room for dis-ease causing pathogens
- Important because seeds these days have less microbes IN the seeds
Leaf & Growth

- Can be thought of as making plant grow ‘solar panels’ & ‘meat’, i.e. leaves
- Maintenance spray + FAA
- Readily accessible amino acids help plants quickly build DNA
- As plant ages, can produce own amino acids easier, so use should be reduced
- Over use can make plants ‘soft’ and susceptible to pests
Root, Flower & Structure

- Can be thought of as making the plant grow ‘bones’
- Maintenance spray + WCP
- Transfers energy collected in leaves to roots, structure & flowers
- Overuse will ‘stretch’ plant out making it spindly
Fruit, Seed & Reproduction

- Transfers energy from the plant into the new seeds and fruits
- Maintenance spray + WCA
Balance between growth and structure

Leaf & Growth

Root & Structure

Balance Between
Cross Over period between growth and reproductive is hardest on the body.

Nutrients must go from leaves to the fruit and seeds.

'Sour Foods' help. High in phosphoric acid.

Make FPJ from unripe fruits.
Cross over in lime
Cross over in lychee
Typical Usage pattern for something like kalo

- Seed Soak
- Leaf & Growth
- Root, Flower & Structure
- Fruit, Seed & Reproductive
- Enhanced Ripening

Plant starts shrinking

36 weeks of from sowing to harvest
Typical Usage pattern for something like fruit trees

Seed Soak  Leaf & Growth  Root, Flower & Structure
Fruit, Seed & Reproductive  Enhanced Ripening

Requires close observation and understanding
Typical Usage pattern for something like lettuce

Seed Soak | Leaf & Growth | Root, Flower & Structure
Fruit, Seed & Reproductive | Enhanced Ripening

4-6 weeks of from sowing to harvest
### CHO Nutritive Recipes for 1 gallon of water

<table>
<thead>
<tr>
<th>Edible Reason</th>
<th>1:8</th>
<th>Soil Preparation &amp; Seed Soak</th>
<th>Leaf &amp; Growth</th>
<th>Root, Flower &amp; Structure</th>
<th>Fruit, Seed &amp; Reproductive</th>
<th>Enhanced Ripening</th>
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