# BASIC FEEDING CHART
## LIQUID RESERVOIR REFERENCE SHEET

| | CUTTINGS/ SEEDLINGS | VEGETATIVE | TRANSITION WEEKS 1-2 | EARLY FLOWER WEEKS 3-6 | LATE FLOWER WEEKS 6+ | OPTIONAL FLUSH |
|---|---|---|---|---|---|---|
| CAL-MAG AMPLIFIED™ | 3ML | 5ML | 5ML | 5ML | | 2ML |
| MICRO™ | 2ML | 6ML | 6ML | 6ML | | |
| GROW™ | | 15ML | 5ML | | | |
| BLOOM™ | 5ML | 5ML | 15ML | 20ML | | 10ML |

***Mixing recommendations are based on Milliliters per Gallon (mL/gal)***

### MIXING DIRECTIONS

**STEP 1 —Optional Line Cleaner** is recommended at the beginning of the injection lineup ; or mixed first in a standard reservoir.
**STEP 2** — **Cal-Mag Amplified™** will be added to the reservoir and mixed thoroughly.
**STEP 3** — **Micro™** will be added to the reservoir and mixed thoroughly.
**STEP 4** — Once fully solubilized the remainder of the products can be added to the reservoir and mixed thoroughly
**STEP 5 — pH Up or Down** are recommended at the end of an injection lineup; or mixed last on a standard reservoir mix.

### TIPS

- **Recommended pH range:** 5.7 - 6.4 (media dependent)
- **Grow™** can be increased as needed for enhanced EC during the vegetative stage
- **Bloom™** can be increased as needed for enhanced EC during the flower stage
- For reduced nitrogen levels in late flower, **Cal-Mag Amplified™** can be reduced or discontinued
- Products work well with biologicals
- The Foliar Feeding Program is a great addition to this feeding chart
- Additive products can be used along side basic feed chart. See Pro Feed chart recommendations for CES product additions

**Disclaimer:** The following recommendations serve as a foundational guideline. Growers have the autonomy to make necessary adjustments at their discretion. It is advisable to adapt the feeding chart based on the duration required to complete a growing cycle. Please note that these suggestions may vary depending on the plant variety.

SCAN FOR MORE INFO

# PRO FEEDING CHART
## LIQUID RESERVOIR REFERENCE SHEET

| | CUTTINGS/ SEEDLINGS | VEGETATIVE | TRANSITION WEEKS 1-2 | EARLY FLOWER WEEKS 3-6 | LATE FLOWER WEEKS 6+ | OPTIONAL FLUSH |
|---|---|---|---|---|---|---|
| BULLETPROOF SI™ | 1ML | 1ML | 1ML | 1ML | | |
| CAL MAG AMPLIFIED™ | | 5ML | 5ML | 5ML | 2ML | 2ML |
| MICRO™ | 2ML | 5ML | 5ML | 5ML | | |
| GROW™ | | 10ML | 5ML | | | |
| BLOOM™ | 5ML | 5ML | 10ML | 15ML | | 10ML |
| UNCLE JOHN'S BLEND™ | | 10ML | 10ML | 10ML | | 10ML |
| SUGAREE SP™ / SOUR-DEE SP™ | | | | 10ML | | 10ML |

***Mixing recommendations are based on Milliliters per Gallon (mL/gal)***

### MIXING DIRECTIONS

**STEP 1 —Optional Line Cleaner** is recommended at the beginning of the injection lineup ; or mixed first in a standard reservoir.
**STEP 2** — **Bulletproof SI™** should always be added to the reservoir first and mixed thoroughly.
**STEP 2** — **Cal-Mag Amplified™** will be added to the reservoir and mixed thoroughly.
**STEP 3** — **Micro™** will be added to the reservoir and mixed mixed thoroughly.
**STEP 4** — the remainder of the products can be added to the reservoir and mixed thoroughly in order of the chart above.
**STEP 5** — **pH Up or Down** are recommended at the end of an injection lineup; or mixed last on a standard reservoir mix.

### TIPS

- **Recommended pH range:** 5.7 - 6.4 (media dependent)
- **Bulletproof SI™** is recommended through week 4 of flower
- **Grow™** can be increased as needed for enhanced EC during the vegetative stage
- **Bloom™** can be increased as needed for enhanced EC
- For reduced nitrogen levels in late flower, **Cal-Mag Amplified™** can be reduced or discontinued
- Products work well with biologicals
- The Foliar Feeding program is a great addition to this feeding chart

**Disclaimer:** The following recommendations serve as a foundational guideline. Growers have the autonomy to make necessary adjustments at their discretion. It is advisable to adapt the feeding chart based on the duration required to complete a growing cycle. Please note that these suggestions may vary depending on the plant variety.



SCAN FOR MORE INFO

# FOLIAR FEEDING
## REFERENCE SHEET

| | CUTTINGS/ SEEDLINGS | VEGETATIVE | TRANSITION WEEKS 1-2 |
|---|---|---|---|
| BULLETPROOF SI™ | 1ML | 1ML | 1ML |
| PLANT AMP™ | 5ML | 5ML | 5ML |
| MAG AMPED | 2ML | 2ML | 2ML |
| UNCLE JOHN'S BLEND™ | 7ML | 7ML | 7ML |
| EC / PPM 500 SCALE | | | |

***Mixing recommendations are based on Milliliters per Gallon (mL/Gal)***

## RECOMMENDATIONS

- **Recommended pH range:** 5.5 - 6.8
- Low Light Conditions are recommended to reduce risk of burning.
  - Outdoor plants need to be sprayed at dawn or dusk ( before/after full sun) ;
  - Indoor plants can not be sprayed when exposed to full strength high intensity light.
- It is recommended that EC does not exceed 1.0 (500ppm) in foliar feeding applications.
- Consider turning off Dehumidifiers prior to foliar feeding applications.
- **Cal-Mag Amplified™** at 5 ML/ Gal can be substituted for **Plant Amp™** and **Mag Amped™**

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# LOUDER POWDER™
## BASIC FEEDING CHART

| | CUTTINGS/ SEEDLINGS | VEGETATIVE | TRANSITION WEEKS 1-2 | EARLY FLOWER WEEKS 3-6 | LATE FLOWER WEEKS 6+ | OPTIONAL FLUSH |
|---|---|---|---|---|---|---|
| GROW A™ | | 4.5 GRAMS | | | | |
| GROW B™ | | 4.5 GRAMS | | | | |
| BLOOM A™ | 1 GRAM | | 4.5 GRAMS | 4.5 GRAMS | | |
| BLOOM B™ | 2 GRAMS | | 4.5 GRAMS | 4.5 GRAMS | | 2 GRAMS |

***Mixing recommendations are based on Grams per Gallon***

### MIXING DIRECTIONS

**STEP 1 —Optional Line Cleaner** is recommended at the beginning of the injection lineup ; or mixed first in a standard reservoir.
**STEP 2 — Louder Powder™ A** products should always be mixed first and thoroughly dissolved
**STEP 3 — Louder Powder™ B** products should be mixed and thoroughly dissolved
**STEP 4— pH Up** or **Down** are recommended at the end of an injection lineup; or mixed last on a standard reservoir mix.

### TIPS

- **Recommended pH range:** 5.7- 6.4
- The **BASIC FEEDING CHART** is a schedule that is designed to be user friendly and effective.
- This schedule recommends equal parts **Louder Powder™ A & B** for both vegetative and flower stages.
- In the Vegetative/Transition stages, the CES Foliar Feeding Program is recommended
  - Reference Foliar Feeding Chart on website
- Additive products can be used along side basic feed chart. See Pro Feed chart recommendations for CES product additions
- **Grow B™** or **Bloom B™** can be added at 0.5 gram increments to achieve higher EC in Veg and Bloom.
- **Bloom A™** can be reduced in late flower to reduce Nitrogen (N).

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SCAN FOR MORE INFO

# LOUDER POWDER™
## PRO FEEDING CHART

| | CUTTINGS/ SEEDLINGS | VEGETATIVE | TRANSITION WEEKS 1-2 | EARLY FLOWER WEEKS 3-6 | LATE FLOWER WEEKS 6+ | OPTIONAL FLUSH |
|---|---|---|---|---|---|---|
| GROW A™ | | 4.5 GRAMS | | | | |
| GROW B™ | | 4.5 GRAMS | 2.2 GRAMS | | | |
| BLOOM A™ | 1 GRAM | | 4.5 GRAMS | 4 GRAMS | 3 GRAMS | |
| BLOOM B™ | 2 GRAMS | | 2.2 GRAMS | 5.5 GRAMS | | 2 GRAMS |
| UNCLE JOHN'S BLEND SP™ | | 0.79 GRAMS | 0.79 GRAMS | 0.79 GRAMS | | 0.79 GRAMS |
| SUGAREE SP™ / SOUR-DEE SP™ | | | | 1.32 GRAMS | | 1.32 GRAMS |

***Mixing recommendations are based on Grams per Gallon***

### MIXING DIRECTIONS

**STEP 1 —Optional Line Cleaner** is recommended at the beginning of the injection lineup ; or mixed first in a standard reservoir.
**STEP 2— Louder Powder™ A** products should always be mixed first and thoroughly dissolved
**STEP 3 — Louder Powder™ B** products should be mixed and thoroughly dissolved
**STEP 4-** Thoroughly dissolve remaining product in order of feed chart
**STEP 5 — pH Up** or **Down** are recommended at the end of an injection lineup; or mixed last on a standard reservoir mix.

### TIPS

- **Louder Powder™ A** products should always be mixed thoroughly prior to adding **Louder Powder™ B**
- Recommended pH range: 5.7- 6.4
- The **BASIC FEEDING CHART** is a schedule that is designed to be user friendly and effective.
- This schedule recommends equal parts **Louder Powder™ A & B** for both vegetative and flower stages.
- In the Vegetative/Transition stages, the CES Foliar Feeding Program is recommended
  - Reference Foliar Feeding Chart on website
- Additive products can be used along side basic feed chart. See Pro Feed chart recommendations for CES product additions
- **Grow B™** or **Bloom B™** can be enhanced to achieve higher EC in Veg and Bloom.
- **Bloom A™** can be reduced in late flower to reduce Nitrogen (N).

**Disclaimer:** The following recommendations serve as a foundational guideline. Growers have the autonomy to make necessary adjustments at their discretion. It is advisable to adapt the feeding chart based on the duration required to complete a growing cycle. Please note that these suggestions may vary depending on the plant variety.

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