♦ATHENA Feed Schedules - Metric



| Light All measurements are mL per 10 L | | | | | | | | | | | | | | |
|--|--|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|-------|
| MI | XING ORDER | , | VEGETA | ATIVE | | | | | F | LOWER | | | | |
| | | WEEK 1 | WEEK 2 | WEEK 3 | WEEK 4 | WEEK 1 | WEEK 2 | WEEK 3 | WEEK 4 | WEEK 5 | WEEK 6 | WEEK 7 | WEEK 8 | FLUSH |
| 1 st | Balance Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFl | | | | | | | | | | | | lex) | |
| 2 nd | Cleanse | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 26 |
| 3 rd | CaMg | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | | |
| DER | Grow A | 13 | 13 | 13 | 13 | | | | | | | | | |
| ANY ORDER | Grow B | 13 | 13 | 13 | 13 | | | | | | | | | |
| AN | Bloom A | | | | | 19 | 19 | 19 | 19 | 19 | 16 | 8 | 5 | |
| | Bloom B | | | | | 19 | 19 | 19 | 19 | 19 | 16 | 8 | 5 | |
| * | PK | | | | | | | 8 | 13 | 19 | 21 | 26 | 21 | |
| | EC | 1.07 | 1.07 | 1.07 | 1.07 | 1.29 | 1.29 | 1.43 | 1.57 | 1.71 | 1.57 | 1.00 | 0.57 | < 0.1 |
| TARGETS | PPM 500 | 536 | 536 | 536 | 536 | 643 | 643 | 714 | 786 | 857 | 786 | 500 | 286 | < 50 |
| ARG | PPM 700 | 750 | 750 | 750 | 750 | 900 | 900 | 1000 | 1100 | 1200 | 1100 | 700 | 400 | <70 |
| F | рН | | | | | | | 5.4-6.0 | | | | | | |

| 1 | ormal | | | | | | | | | | All m | easuremen | ts are mL p | er 10 L | | |
|-------------------------|---------|--------|---|--------|--------|--------|--------|---------|--------|--------|--------|-----------|-------------|---------|--|--|
| MIXING ORDER VEGETATIVE | | | | | | | FLOWER | | | | | | | | | |
| | | WEEK 1 | WEEK 2 | WEEK 3 | WEEK 4 | WEEK 1 | WEEK 2 | WEEK 3 | WEEK 4 | WEEK 5 | WEEK 6 | WEEK 7 | WEEK 8 | FLUSH | | |
| 1 st | Balance | | Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex) | | | | | | | | | | | | | |
| 2 nd | Cleanse | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 26 | | |
| 3 rd | CaMg | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | | | | |
| DER | Grow A | 16 | 16 | 16 | 16 | | | | | | | | | | | |
| ANY ORDER | Grow B | 16 | 16 | 16 | 16 | | | | | | | | | | | |
| AN | Bloom A | | | | | 24 | 24 | 24 | 24 | 24 | 21 | 11 | 8 | | | |
| | Bloom B | | | | | 24 | 24 | 24 | 24 | 24 | 21 | 11 | 8 | | | |
| | PK | | | | | | | 11 | 13 | 24 | 26 | 32 | 26 | | | |
| S | EC | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 | 1.8 | 2.0 | 2.1 | 2.2 | 2.1 | 1.5 | 1.0 | <0.1 | | |
| TARGETS | PPM 500 | 600 | 600 | 600 | 600 | 900 | 900 | 1000 | 1050 | 1100 | 1050 | 750 | 500 | <50 | | |
| ARG | PPM 700 | 840 | 840 | 840 | 840 | 1260 | 1260 | 1400 | 1470 | 1540 | 1470 | 1050 | 700 | <70 | | |
| - | рН | | | | | | | 5.4-6.0 | | | | | | | | |

| ŀ | leavy | | | | | | | | | | All m | ieasuremer | nts are mL p | oer 10 L |
|-----------------|------------|---|--------|--------|--------|--------|--------|---------|--------|--------|--------|------------|--------------|----------|
| MD | XING ORDER | | VEGET. | ATIVE | | | | | F | LOWEF | ł | | | |
| | | WEEK 1 | WEEK 2 | WEEK 3 | WEEK 4 | WEEK 1 | WEEK 2 | WEEK 3 | WEEK 4 | WEEK 5 | WEEK 6 | WEEK 7 | WEEK 8 | FLUSH |
| 1 st | Balance | Use as pH up (Recommended for batch tank mixing and Dosatron. Do not use with NetaFlex) | | | | | | | | | | | | |
| 2 nd | Cleanse | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 26 |
| ANY ORDER | CaMg | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | 5-8 | | |
| | Grow A | 21 | 21 | 21 | 21 | | | | | | | | | |
| | Grow B | 21 | 21 | 21 | 21 | | | | | | | | | |
| Ā | Bloom A | | | | | 29 | 29 | 32 | 32 | 26 | 24 | 11 | 8 | |
| | Bloom B | | | | | 29 | 29 | 32 | 32 | 26 | 24 | 11 | 8 | |
| * | PK | | | | | | | 11 | 16 | 24 | 26 | 32 | 26 | |
| ,, | EC | 1.6 | 1.6 | 1.6 | 1.6 | 2.1 | 2.1 | 2.5 | 2.6 | 2.4 | 2.3 | 1.5 | 1.0 | < 0.1 |
| TARGETS | PPM 500 | 800 | 800 | 800 | 800 | 1050 | 1050 | 1250 | 1300 | 1200 | 1150 | 750 | 500 | <50 |
| | PPM 700 | 1120 | 1120 | 1120 | 1120 | 1470 | 1470 | 1750 | 1820 | 1680 | 1610 | 1050 | 700 | <70 |
| | pН | | | | | | | 5.4-6.0 | | | | | | |

| Spray Schedule All measurements are mL per 10 L | | | | | | | | | | | | | |
|---|---------------|----------|---------|-----------------------|---------|---------|---------|---------|---------|--|--|--|--|
| | | | | VEGETATIVE FLOWER | | | | | | | | | |
| | APPLICATION F | REQUENCY | WEEK 1 | WEEK 2 | WEEK 3 | WEEK 4 | WEEK 1 | WEEK 2 | WEEK 3 | | | | |
| IDM | Preventative | 2x week | 158-238 | 158-238 | 158-238 | 158-238 | 158-238 | 158-238 | 158-238 | | | | |
| IPM | Pressure | 3x week | 238-317 | 238-317 | 238-317 | 238-317 | 238-317 | 238-317 | 238-317 | | | | |
| Stack | | 2x week | | 18 | 18 | 18 | 18 | 18 | 18 | | | | |
| Stack | 2x week | | | Mix Together with IPM | | | | | | | | | |

STACK

Application Timing: Apply Stack from the second week of vegetative growth up to week 3 of flowering, or once plants stop growing vertically.

Foliar Application: Mix 20 mL per 10 L of water and spray thoroughly twice weekly. Spray with lights off and allow to dry before turning on. Do not spray past week 3 of flower.

Seed Treatment: Mix 10 mL per 10 L of water and soak seed for 1-2 minutes before planting. Stack increases germination rates and plant vigor.

CLEANSE

Irrigation System Maintenance

Regular Use: Mix 5 mL per 10 L water in every irrigation.

<u>Severe Conditions:</u> Mix 25 mL per 10 L water for combatting severe reservoir and growing media conditions.

Media/System Flush

Mix 25 mL per 10 L of water during the final flush to reduce mineral load in media and plant tissue.

Cuttings/Clones

 $\label{eq:mix25mL} \mbox{Mix 25 mL Cleanse per 10 L of water. Dip fresh cuttings} \\ \mbox{fully to improve cell health and increase immunity}.$

Foliar Application

 $\label{eq:mix100mL} \mbox{Mix 100 mL Cleanse per 1 L of water and spray evenly.}$ Test on a small area first to ensure no damage.

Surface Treatment/Cleaning

Mix 100 mL Cleanse per 1 L of water and spray all surfaces, tools, floors, and walls maintain a clean and trouble-free environment without toxic and dangerous chemicals.

IPM

Before application:

- Shake well before mixing
- Turn off fans to ensure even coverage
- Turn off lights to reduce risk of damage
- · Saturate growing media with water

During application:

- Wear appropriate protective gear (PPE)
- Evenly coat the entire plant from stem to leaves