



VPS Liquid Retail Line

SOFT / REVERSE OSMOSIS (RO) WATER FEEDING CHART (0 - 150 PPM/0 - 0.3 EC)

| Mixing Order | CLONE/ SEEDLING | GROWTH PHASE 18 - 24 Hour Light Cycles | | | | REPRODUCTION PHASE 12 Hour Light Cycles | | | | | | | | FLUSH Extract |
|--------------|-----------------|---|--------|---------|---------|--|---------|---------|---------|---------|---------|---------|----|---------------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| STRUCTURE | | 2 | 2 - 3 | 2 - 3 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 4 | 2 | | |
| FlaVUH 4-0-4 | | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| GROW | | 5 | 5 - 10 | 10 - 15 | 10 - 15 | | | | | | | | | |
| FLOWER | 3 | 0 - 5 | 0 - 5 | | | 10 - 20 | 10 - 20 | 15 - 20 | 15 - 20 | 15 - 20 | 15 - 20 | 15 - 20 | 15 | |
| EXPAND | | | | | | 0 - 2 | 0 - 5 | 2 - 8 | 2 - 8 | 2 - 8 | 2 - 8 | 5 - 8 | 5 | |
| SUPPORT | 3 | 5 | 5 - 8 | 8 - 10 | 8 - 15 | 8 - 15 | 8 - 15 | 8 - 15 | 8 - 12 | 8 - 12 | 6 - 10 | 5 - 8 | 5 | |

| Expected EC* | 1.1 | 1.2 | 1.3 | 1.5 | 1.9 | 2.0 | 2.2 | 2.2 | 2.0 | 1.9 | 1.8 | 1.5 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

HARD / TAP WATER FEEDING CHART (150 - 400 PPM/0.3 - 0.8 EC)

| Mixing Order | CLONE/ SEEDLING | GROWTH PHASE 18 - 24 Hour Light Cycles | | | | REPRODUCTION PHASE 12 Hour Light Cycles | | | | | | | | FLUSH Extract |
|--------------|-----------------|---|--------|---------|---------|--|---------|---------|---------|---------|---------|---------|----|---------------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| STRUCTURE | | 2 | 2 - 3 | 2 - 3 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 3 | 2 | | |
| FlaVUH 4-0-4 | | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| GROW | | 5 | 5 - 10 | 10 - 15 | 10 - 15 | | | | | | | | | |
| FLOWER | 3 | 0 - 5 | 0 - 5 | | | 10 - 20 | 10 - 20 | 15 - 20 | 15 - 20 | 15 - 20 | 15 - 20 | 15 - 20 | 15 | |
| EXPAND | | | | | | 0 - 2 | 0 - 5 | 2 - 8 | 2 - 8 | 2 - 8 | 5 - 8 | 5 - 8 | 5 | |
| SUPPORT | 3 | 3 | 3 - 5 | 5 - 8 | 5 - 12 | 5 - 12 | 8 - 15 | 8 - 15 | 8 - 15 | 8 - 12 | 5 - 8 | 5 - 8 | 5 | |

| Expected EC* | 1.2 | 1.3 | 1.4 | 1.6 | 2.0 | 2.1 | 2.2 | 2.3 | 2.1 | 2.0 | 1.8 | 1.6 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

Amounts listed are in milliliters per gallon.

Although nutrients are fully chelated, it's best to shake the bottles prior to measuring and adding to your reservoir. Never mix concentrated nutrients together; always mix one at a time into the full amount of water listed. If starting water is between pH 5 and 7, then no pH adjustment should be necessary. If starting water pH is outside of that range, pH to 5.6 to 6.4 after mixing nutrients thoroughly into reservoir/mixing tank.

*EC readings will vary with sensor type, water quality, and temperature. ±0.3 EC is acceptable.

Please use this feeding chart as a guide, your feeding rates may vary with your plant's requirements.

Visit www.Ventanaplant.Science for more information on feeding programs.

QUICK CONVERSIONS: 1 TSP = 5ML | 1 TBSP = 15 ML | 1 OZ = 30 ML

