

Regime Date: 6/7/22

## HYDROPONICS WITH UV AND FRESH

| ELEMENTS IN PPM    |                       | FERTILIZERS        | AMOUNT KGS/LTR | COST USD |
|--------------------|-----------------------|--------------------|----------------|----------|
| UV-1. No3: 126.35  | Fresh-1. No3: 90.79   | Calcium Nitrate    | 430.0          | 524.6    |
| UV-2. P: 33.38     | Fresh-2. P: 29.17     | Potassium Nitrate  | 135.0          | 256.5    |
| UV-3. K: 137.61    | Fresh-3. K: 97.04     | Magnesium Nitrate  | 90.0           | 74.7     |
| UV-4. Ca: 72.13    | Fresh-4. Ca: 79.17    | Ferilline          | 27.0           | 180.63   |
| UV-5. Mg: 27.73    | Fresh-5. Mg: 15.46    | Borax              | 2.0            | 2.11     |
| UV-6. S: 49.44     | Fresh-6. S: 16.3      | Magnesium Sulphate | 110.0          | 47.3     |
| UV-7. Fe: 1.45     | Fresh-7. Fe: 1.67     | Mono p phosphate   | 135.0          | 384.75   |
| UV-8. Mn: 0.15     | Fresh-8. Mn: 0.25     | Potassium Sulphate | 40.0           | 51.2     |
| UV-9. Cu: 0.15     | Fresh-9. Cu: 0.08     | Ammonium Sulphate  | 20.0           | 14.6     |
| UV-10. B: 0.22     | Fresh-10. B: 0.18     | Sodium Molybdate   | 0.09           | 2.07     |
| UV-11. Zn: 0.21    | Fresh-11. Zn: 0.28    | Mn chellate        | 1.68           | 15.09    |
| UV-12. Mo: 0.03    | Fresh-12. Mo: 0.04    | Zn chellate        | 1.75           | 15.92    |
| UV-13. N-NH4: 4.41 | Fresh-13. N-NH4: 4.58 | Cu chellate        | 0.87           | 7.98     |
| UV-14. EC: 1.2     | Fresh-14. EC: 1.2     | Nitric acid        | 27.2           | 15.78    |
| UV-15. pH: 5.5     | Fresh-15. pH: 5.5     | Phosphoric acid    | 0.0            | 0.0      |
|                    |                       | Ferromax           | 0.0            | 0.0      |

Total

\$1,593.23

Greenhouses summary : 2,2

Total volume : UV-540.0 Fresh-540.0



Regime Date: 6/7/22  
SOIL WITH 50.0 % UV

| Elements in ppm | Fertilizers        | Amount in kg/ltr | Cost USD |
|-----------------|--------------------|------------------|----------|
| 1. No3: 122.43  | Calcium Nitrate    | 169.71           | 207.05   |
| 2. P: 21.75     | Potassium Nitrate  | 15.43            | 29.32    |
| 3. K: 143.14    | Magnesium Nitrate  | 27.0             | 22.41    |
| 4. Ca: 59.71    | Ferilline          | 13.89            | 92.92    |
| 5. Mg: 26.6     | Borax              | 1.5              | 1.58     |
| 6. S: 66.0      | Magnesium Sulphate | 42.43            | 18.24    |
| 7. Fe: 1.74     | Mono p phosphate   | 27.0             | 76.95    |
| 8. Mn: 0.27     | Potassium Sulphate | 69.43            | 88.87    |
| 9. Cu: 0.21     | Ammonium Sulphate  | 15.43            | 11.26    |
| 10. B: 0.31     | Sodium Molybdate   | 0.05             | 1.15     |
| 11. Zn: 0.3     | Mn chellate        | 1.13             | 10.15    |
| 12. Mo: 0.04    | Zn chellate        | 1.08             | 9.83     |
| 13. N-NH4: 3.84 | Cu chellate        | 0.81             | 7.44     |
| 14. EC: 1.2     | Nitric acid        | 11.65            | 6.76     |
| 15. pH: 5.5     | Phosphoric acid    | 0.0              | 0.0      |
|                 | Ferromax           | 0.0              | 0.0      |
| Total           |                    |                  | \$583.93 |

Greenhouses summary :

Total volume : 540.0

