

# Grow Program: Hemp – Field Production

## Feeding Recommendations with Nature's Source 10-4-3 or 10-4-5

### Rates based on Direct Injecting from Concentrate

#### Transplant Stage – Week 1: Field Soil Application

Water in thoroughly with Nature's Source at 1 – 3 gallons per acre. If receiving seedlings or rooted cuttings from an outside source, add Nature's Source Plant Probiotic at 8 oz. per 100 gallons. Allow soil media to dry slightly between irrigations, skipping 1 to 3 days based upon water holding capacity of the soil media and container size.

#### Vegetative Stage 1 – Weeks 2–4:

Irrigate using the same rate of Nature's Source as at transplanting (3 gallons per acre). Maintain evenly moist soil media irrigating every 2 days or daily if necessary; plants should not dry out.

#### Vegetative Stage 2 – Weeks 5–7:

Increase rate to 5 gallons per acre. Maintain an evenly moist soil media irrigating every 2-3 days; plants should not dry out.

#### Pre-Flowering Stage – Weeks 8–10:

Decrease rate of Nature's Source to 2 – 3 gallons per acre. Maintain evenly moist soil media irrigating daily as needed to keep plants from drying out.

\*This program can be used in combination with existing facility programs. Due to the NUE (Nutrient-Use-Efficiency), expect enhanced performance.

**Note:** Adjustments may be necessary based upon a strain's growth habit and actual flower timing.

- **Strain Adjustment** – Plan to reduce or eliminate the high rates in Vegetative Stage 2 for dwarf and early flowering strains; some strains may need reduction to half the recommended rate of Nature's Source Nature's Source 10-4-3 or 10-4-5.

- **Foliar Essentials BioNutrition Spray** may be applied as frequently as once a week as a supplemental spray to provide enhanced bud set and lateral branching.

- Mix with no less than 10 gallons of water.

- May be soil applied with standard fertigation programs

- Compatibility total nutrient input (i.e. lbs of N/acre), based on variety, soil amendments, may be reduced up to 30%

- Monitoring soil and tissue nutrient levels is recommended prior to any nutrient reductions.

### **\*NOTE\* Good line sanitation practices are always recommended**

Nature's Source plant foods are made with oilseed extract which contains 20 plant-essential amino acids, silicon, and organic compounds, which enhance plant performance and vigor. These organic compounds will provide additional plant benefits when sprayed as a supplemental foliar application. Optimum foliar spray rates are 2 quarts – 1 gallon per acre.

#### Referenced Products

Nature's Source® Professional Plant Food 10-4-3

Nature's Source® Nursery & Landscape Special Plant Food 10-4-5

Nature's Source® Plant Probiotic

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