VENTANA
PLANT SCIENCE

COMMERCIAL
BLOOM
2–26–41

GUARANTEED ANALYSIS

TOTAL NITROGEN (N) 2.0%
  2.0% NITRATE NITROGEN
AVAILABLE PHOSPHATE (P_2O_5) 26.0%
SOLUBLE POTASH (K_2O) 41.0%
BORON (B) 0.07%
COPPER (Cu) 0.05%
  0.05% CHELATED COPPER
IRON (Fe) 0.85%
  0.85% CHELATED IRON
MANGANESE (Mn) 0.35%
  0.35% CHELATED MANGANESE
MOLYBDENUM (Mo) 0.008%
ZINC (Zn) 0.28%
  0.28% CHELATED ZINC

DERIVED FROM: POTASSIUM NITRATE, DIPOTASSIUM PHOSPHATE, BORIC ACID, COPPER EDTA, IRON DTPA, MANGANESE EDTA, SODIUM MOLYBDATE, ZINC EDTA

Maximize your plants' genetic expression with **VPS Commercial Bloom (2-26-41)**, a nutrient solution specifically formulated to drive fast growth and secondary metabolite production. This advanced formula promotes increased biomass production, flower density, and secondary metabolite production, enhancing crop yield and quality during the reproductive stage. VPS Commercial Bloom provides essential nutrients, including double the amount of NPK compared to other brands, with reduced nitrogen and increased phosphorus and potassium levels, tailored to meet photoperiodic metabolite demands. High solubility and proper chelation ensures complete nutrient availability and stability in all fertigation designs, making it a superior choice for maximizing flower yield and quality. Information regarding the contents and levels of metals in this product is available on the Internet at http://www.aapfco.org/metals.html

NET WEIGHT:
5.0 LBS (2.27 KG)

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Stock Solution Guide & Feed Rates:

1. VPS Commercial Bloom stocking rate is 1 lb Bloom : 1 Gal Water
2. Fill stock solution vessel with water
3. Weigh out VPS Commercial Bloom for Stock
4. Slowly add in VPS Commercial Bloom while agitating Stock Tank
5. Slowly add in VPS pH Down until reading is 5.6 – 6.2 pH.
6. Ensure all Bloom is dissolved and check pH reading in 2+ hours.
7. Stock Solutions should be made to replace every 5-9 days.

The average rate of VPS pH Down is 60-100 mL per lb/gal of Bloom Stock Solution. Rates will vary with water quality.

WARNING: Some crops may be injured by the application of boron.

CAUTION: THE APPLICATION OF FERTILIZING MATERIALS CONTAINING MOLYBDENUM (MO) MAY RESULT IN FORAGE CROPS CONTAINING LEVELS OF MOLYBDENUM (MO) WHICH ARE TOXIC TO RUMINANT ANIMALS.

Stock Solution Rates

Stock Water (gal)	Bloom (lb)
1	1
5	5
10	10
25	25
50	50

Rates are in gm or mL per Gallon. If using stock solutions use mL if hand batching use gm.	Vegetative Phase			Flower Phase		
	Rooting Clones	Week 1	Weeks 2-3+	Weeks 1-3	Weeks 4-6	Weeks 7+
VPS Commercial Silicon	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL
VPS Commercial Bloom (2-26-41)	1.5g - 12 mL	2.0g - 16 mL	2.5g - 21mL	3.3g - 27mL	3.3g - 27mL	3.5g - 29mL
VPS Calcium Nitrate	2.0g - 8 mL	3.0g - 12mL	3.5g - 14mL	4.0g - 17mL	3.3g - 15mL	2.75g - 12mL
VPS Magnesium Sulfate	1.5g - 6 mL	2.0g - 10 mL	2.5g - 10mL	2.5g - 11mL	2.5g - 11mL	3.3g - 13 mL
Est. Expected EC	1.3	1.8	2.2	2.5	2.4	2.4
Recommended pH Range	5.7 - 6.2 pH					

Hand Batching Use Rates	Vegetative Phase			Flowering Phase		
	Rooting Clones	Week 1	Weeks 2-3+	Weeks 1-3	Weeks. 4-6	Weeks 7+
VPS Commercial Silicon	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL
VPS Commercial Bloom (2-26-41)	1.5 g	2 g	2.5 g	3.3 g	3.3 g	3.5 g
VPS Calcium Nitrate	2.0 g	3 g	3.5	4.0 g	3.3 g	2.75 g
VPS Magnesium Sulfate	1.5 g	2 g	2.5 g	2.5 g	2.5 g	3.3 g
Est. Expected EC	1.3	1.8	2.2	2.5	2.4	2.4
Recommended pH Range	5.7 - 6.2 pH					

For Maximum solubility, maintain a pH of 5.6-6.4 in batch solutions during mixing; add VPS pH down after VPS Commercial 2-26-41 to maintain pH in range. EC/PPM Data are estimates, ranges ± 0.3 EC are acceptable. Rates are per gallon of water and based on optimized growth conditions in inert media (Stonewool/Coco Coir). Fertilizer rates may be adjusted to suit crop and/or environmental conditions.

THIS PRODUCT IS INTENDED AS A SUPPLEMENT TO A REGULAR FERTILIZATION PROGRAM AND MAY NOT BY ITSELF PROVIDE ALL THE NUTRIENTS NORMALLY REQUIRED BY CROPS OR OTHER INTENDED PLANTS.

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