

<b>GUARANTEED ANALYSIS</b>	
Total Nitrogen (N).....	1%
0.1% Ammoniacal Nitrogen	
0.3% Nitrate Nitrogen	
0.6% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	3%
Soluble Potash (K <sub>2</sub> O).....	5%
Iron (Fe).....	0.02%
Manganese (Mn).....	0.010%
Zinc (Zn).....	0.02%

Derived from Alfalfa Extract, Monoammonium Phosphate, Potassium Nitrate, Urea, Monopotassium Phosphate, Potassium Sulfate, Iron EDTA, Manganese EDTA, and Zinc EDTA.

SNS-Bloom provides nutrients & minerals for the reproductive growth stage of the plant (Flowering & Fruiting). Combine SNS-Bloom with SNS-Grow & SNS-Micro to provide a specialized nutrient system for rapidly growing plants during all phases of the growth cycle.

- Our combination of primary nutrients keep SNS-Bloom fully water soluble and available to plants.
- Ideal for all hydroponic applications and as a nutrient supplement for potted plants.

**MIXING AND HANDLING INSTRUCTIONS**

**COMPATIBILITY:** SNS-Bloom formula may be applied separately or in conjunction with most pesticides and with other fertilizers. The addition of wetting agents often enhances nutrient uptake. **DO NOT** use with basic metal sulfates, strongly alkaline materials (such as hydrated lime and lime sulfur), or spray oils. A compatibility test is recommended. Tank mixtures with copper-based products can be phytotoxic due to increased solubility of copper. Before general applications, apply the spray solution to a small test area of the foliage to determine any undesirable phytotoxic effects.

For best results:

- Use a conductivity or ppm meter to monitor water quality and control nutrient strength. Drain, discard and replace nutrient every week or two to prevent nutrient imbalance.
  - Maintain nutrient pH between 5.5 and 6.5. Adjustment may be necessary since water quality and pH vary both regionally and seasonally.
  - Refer to the Basic Applications Table for mixing recommendations. Please measure accurately. Reduce nutrient strength if plants show signs of stress, or if growing in very bright, hot or dry environments.
- SHAKE WELL BEFORE MIXING:** Always add SNS-BLOOM formula to fresh water first and stir well, then add other nutrients or pesticides. Never combine SNS-BLOOM with other nutrients or pesticides in undiluted form; doing so may cause nutrient lockout making some minerals unavailable during budding and flowering cycle. Do Not Spray Under Direct Sunlight or Grow Lamps.



# BLOOM



1-3-5

Bloom Formula

1 GALLON (3.79L) / 5 GALLON (18.93L)  
8.8 lbs., 4 Kg / 44 lbs., 20 Kg

This product should be used as part of a complete nutrient program. This product is concentrated to the limit of solubility. Protect from freezing and direct sunlight. If crystallization occurs, mix entire contents with an equal amount of hot water and double the amount used.

SNS-BLOOM Dilution Chart	Teaspoon/Gallon	ml/100 liters
Cuttings and Seedlings	1/4	33
General Purpose - Mild Vegetative	1	132
Aggressive Vegetative Growth	2	264
Transition to Bloom	2	264
Blooming and Ripening	3	396

These values are intended to be used without supplements. When using supplements, please refer to [www.sierranaturalscience.com](http://www.sierranaturalscience.com) for complete Feed Programs.

**US to Metric Conversion**

Teaspoon	Tablespoon	Fl. oz.	Quart	U.S. Gallon
5 ml	15 ml	30 ml	946 ml	3.785 Liters

**CAUTION: KEEP OUT OF REACH OF CHILDREN  
STORE IN A COOL DARK PLACE**

Do not reuse container.  
Dispose in trash or offer for recycling if available.  
Warranty and Disclaimer Notice  
Please visit [www.sierranaturalscience.com/warranty.html](http://www.sierranaturalscience.com/warranty.html) for more information.  
Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

Question/Comments  
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