

# GAINER 20-20-20

## A WATER SOLUBLE PLANT FOOD CONCENTRATE

### GUARANTEED ANALYSIS

Total Nitrogen (N)	20.00%
4.0% Ammoniacal Nitrogen	
6.0% Nitrate Nitrogen	
10.0% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	20.00%
Soluble Potash (K <sub>2</sub> O)	20.00%
Boron (B)	0.02%
Copper (Cu)	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

Derived from urea, ammonium phosphate, potassium nitrate, boric acid, copper EDTA, iron EDTA, manganese EDTA, sodium molybdate, and zinc EDTA.

### KEEP OUT OF REACH OF CHILDREN



#### WARNING

Harmful if inhaled. Causes eye irritation.

#### PRECAUTIONARY STATEMENTS

Avoid breathing dust. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling.

#### FIRST AID

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor for treatment advice if you feel unwell.

**IF IN EYES:** Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

For Emergency, Spill, Leak, Fire, Exposure, or Accident, Call:  
CHEMTREC 1-800-424-9300

#### GENERAL INFORMATION

GAINER 20-20-20 is a foliar fertilizer containing nitrogen, phosphate, potash, and micronutrients. GAINER 20-20-20 should be mixed with water prior to application and may be used in conjunction with pesticide sprays except dormant oil, lime sulfur, and highly alkaline spray materials. When applying GAINER 20-20-20 to brassica crops or other plants with a waxy leaf surface, a wetting agent may be included to ensure good leaf coverage. The rates given under DIRECTIONS FOR USE should be adjusted according to the crop stage of development, the number of applications intended, and the soil and weather conditions. For best results, applications should begin as soon as the leaves are large enough to absorb and utilize the nutrients and should continue at 10-14 day intervals during the primary growth period.

GAINER 20-20-20 can be used in crop protection sprays with a minimum volume of 10 gallons of spray volume per acre by ground and 5 gallons of spray volume by air; however the concentration of GAINER 20-20-20 should not exceed 1.5 pound per gallon of water. If more than 5 lbs of GAINER 20-20-20 is to be applied per acre then a minimum spray volume of 20 gallons should be used by ground or 10 gallons by air.

If a GAINER 20-20-20 stock solution is to be injected into a fertigation system, do not exceed two pounds per gallon of water. As water quality can change, it is recommended to conduct a jar test for compatibility prior to making the stock solution.

Avoid spraying during full bloom. If necessary, when spraying blossoms, use lower rates. Do not store under excessively hot or cold temperatures for long periods. May be corrosive to mild steel and brass.

GAINER 20-20-20 supplements soil fertilization by supplying essential nutrients when plant food needs are highest (at flowering and/or fruiting stages or in stress condition). It is recommended as a supplement to a conventional fertility program, potentially enhancing yield and/or quality.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.htm>

**CAUTION:** Crops high in molybdenum may be toxic to grazing animals (ruminants). Excess amounts of Boron can cause plant injury. The use of this fertilizing material on any crops other than those recommended may result in serious injury to the crop(s).

#### MANUFACTURED BY

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### DIRECTIONS FOR USE

CROPS	LBS/ ACRE	REMARKS*
Alfalfa	5	On alfalfa grown for seed, 3-4 applications are recommended. On alfalfa grown for hay, apply after each cutting when leaves are formed.
Apples, peaches, pears, and other fruit and nut crops.	5-10	Apply with pre- and post-bloom sprays.
Blackberries, boysenberries, raspberries and other small fruit crops	5-10	2-3 applications before bloom (flowering); 1 application after fruit set.
Brussels sprouts, cabbage, Cauliflower and other brassica crops.	5	Apply at 7-10 day intervals using minimum 4 applications. A wetting agent may be added to ensure good coverage. Do not apply more than 1 lb. to Chinese cabbage.
Celery, lettuce, endive and other salad crops	5	Apply at 7-10 day intervals throughout the main growing season as soon as the 3rd and 4th leaves unfold.
Wheat, barley and rye	5-10	Begin after crop comes out of dormancy and continue at 2-3 week intervals.
Citrus	5-10	Apply at 7-10 day intervals. Use the higher rate for full bearing trees.
Corn	5	Begin when corn is approximately 8 inches high. Continue at 1-2 week intervals.
Beans, peas and other vegetables	5	Begin applications after second leaf unfolds up to bloom, at 1-2 week intervals; 1-2 applications after pod formation.
Cotton	5	Begin after formation of the second leaf for a total of 4-8 applications depending on growing conditions.
Cucumbers, melons, squash and other vine crops	5	Begin as soon as the second true leaf unfolds for a total of 6 applications.
Grapes	5-10	Apply with routine crop protection spray.
Hops	5-10	Apply 2 treatments 14 days apart when vines have grown halfway to the wires.
Onions	5	Apply at 5 leaf stage and continue applications on a 14 day schedule through bulking.
Peanuts	5-10	Apply in routine crop protection sprays.
Rice	5-10	Begin 3 weeks after emergence and continue at 7-14 day intervals.
Soybeans	5-10	Begin applications after second leaf unfolds up to bloom, at 1-2 week intervals; 1-2 applications after pod formation.
Sugar beets	5-10	Apply just after the fourth leaf unfolds for a total of 3 applications 2 weeks apart.
Strawberries	5	Begin applications as soon as growth starts in spring. Apply 1 to 2 applications to bloom. Continue after harvest in 2-3 weeks.
Tobacco-in beds –transplanting – after transplanting	5 5 5	Foliar spray as growing conditions warrant. Add to transplant water (per 100 gallons). Foliar spray as growing conditions warrant.
Potatoes	5-10	In routine crop protection sprays at 7-10 day intervals.
tomatoes, eggplant and other solanaceous plants	5	In routine crop protection sprays at 7-10 day intervals.
Lawn and turf	5	Apply as growth begins in the spring in not less than 100 gallons of water per 5000 sq ft as needed until dormancy. Foliar application is meant only to supplement, not to replace soil applied fertilizer.
Greenhouse crops and ornamentals	5-10	Apply in not less than 100 gallons of water as needed.
Transplanting solutions		Add 5 lbs. per 100 gallons of transplant solution.
Household Plants		Add 1 teaspoon per gallon of water.
Crops Not Listed		Apply according to directions of your local agricultural professional to crops where the addition of Nitrogen, Phosphorous or Potassium would be beneficial.

\*Application of GAINER 20-20-20 can be made with most crop protection sprays.

Check compatibility before mixing with agricultural pesticides.

#### WARRANTY DISCLAIMER

Winfield Solutions, LLC warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.