

# Vitalnova™ G20F



## Reduce Loss—Sell What You Grow

Vitalnova™ G20F is a liquid formulation intended for use on the leaves of the plant. When applied at the label rates, plants are more resistant to stresses like drought, nutrient deficiencies, extreme temperatures, and the challenges faced in shipping and retail environments. The combination of minor nutrients in Vitalnova G20F helps the plant respond to and resist stress. Use prior to stress; transplant, shipping, drought, cold, heat, and high UV exposure.

## How to use Vitalnova G20F

One application rate of 13 ounces per acre applied one week before stress. Apply at 7 ounces per acre every two weeks will give sustained stress relief.

Dilution ratios: 1:100 Spray just to wet.

Apply a week prior to transplant to maximize the plants response to stress.

Spray plug trays to reduce loss from extreme temperatures, lack of light and dryness during transport. Apply 1 week prior to cutting collection to reduce vascular stress and reduce plant loss. Spray propagation beds a week before pulling them and planting them into pots or lining them out into fields. Spray plants 1 week prior to shipping to reduce losses in the retail environment.

Test and add to your scheduled insecticide and fungicide foliar sprays to benefit from the product during plant production. Can be mixed and injected into irrigation systems for application through booms or overhead irrigation.

## Product Advantages

- Tank mix compatible with fertilizers
- Low use rate, only 13 ounces per acre
- Convenient 1 liter package size for low initial investment
- Low cost in use, less than \$0.64 per 1,000 sq. ft. of coverage
- No phytotoxicity observed at concentrations up to 1:20 dilution ratio
- Easy to incorporate into regular spray programs using standard equipment

## GUARANTEED ANALYSIS

**F1877**

Magnesium (Mg) .....	3.6%
3.6% Water Soluble Magnesium (Mg)	
Sulfur (S) .....	4.0%
4.0% Combined Sulfur	
Boron (B) .....	0.045%
Copper (Cu) .....	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe) .....	0.18%
0.18% Chelated Iron (Fe)	
Manganese (Mn) .....	0.09%
0.09% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.018%
Zinc (Zn) .....	0.09%
0.09% Chelated Zinc (Zn)	

Derived from: Magnesium Sulfate, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Ammonium Molybdate, Zinc EDTA.

## APPLICATION

SHAKE WELL before using. Dilute with water to obtain uniform coverage. Dilution depends on spray equipment. For high volume sprayers dilute 1:200 to 1:1000. For low volume sprayers dilute 1:40 to 1:100. To apply with other chemicals, dilute other products and adjust pH of the mixture to 5.5 – 6.5. Because available formulations of control products differ widely, a small test area should be treated prior to large scale mixing to determine that no undesirable effects occur. Always jar test new combinations for compatibility prior to field mixing. For best results apply in the evening or early morning.

Some varieties of lettuce and stone fruits (plums, peaches, nectarines, etc.) are susceptible to foliar applications of nutrients. It is advisable to test a small number of plants before large scale application.

## APPLICATION RATES

The application rates listed are intended as a guideline in developing a fertilization program. These rates may or may not apply to your area or growing conditions. It is the responsibility of the grower to determine the appropriate rate. Your rate may be higher or lower than suggested based on your growing conditions. Follow label instructions and use care when handling all fertilizer products.

## FOR PROFESSIONAL USE ONLY

ICL Specialty Fertilizers recommends a product trial prior to adopting a new fertilizer program. Product selection and application rate should be based on individual grower practice. The following are general recommendations only.

## ORNAMENTAL APPLICATION GUIDELINES

Dilute with water to obtain uniform coverage. Dilution of 1:100 in low volume sprayers to apply the equivalent of 13 fl. oz. per acre.

- Pre-Transplant: Spray to wet one week before transplanting or shifting up.
- Pre-Ship: Spray to wet one week before shipping.
- Stress Avoidance: Apply one week prior to stress.

## APPLICATION RATES AND TIMING

PLANT	RATE PER APPLICATION	APPLICATION TIME(S)
Barley, oats, rye, wheat	8 fl. oz./acre	1 application
Berries	8 fl. oz./acre	2 applications
Citrus	7 fl. oz./acre	3 applications
Corn, milo, millet, sorghum	8 fl. oz./acre	1 application
Cotton	4 fl. oz./acre	4 applications
Fruit trees	8-20 fl. oz./acre	3 applications
Fruiting vegetables	6 fl. oz./acre	3 applications
Grapes, table seedless	8 fl. oz./acre 16 fl. oz./acre	1 application
Grapes, table seeded	8 fl. oz./acre 16 fl. oz./acre	1 application 2 applications
Kiwis	13-20 fl. oz./acre	4 applications
Legumes	8 fl. oz./acre	2 applications
Melons	6 fl. oz./acre	3 applications
Nuts	8 fl. oz./acre	3 applications
Onions, chives, garlic, leeks, shallots	4 fl. oz./acre	3 applications
Ornamentals: greenhouse, nursery, landscape	Dilute 1:100, spray to wet. 13 oz. per acre	1 week prior to transplanting and shipping, 1 week prior to any anticipated stress event. May apply at 14-day intervals as needed
Potatoes, yams	7-13 fl. oz./acre	2 applications
Rice	7 fl. oz./acre	2 applications
Root vegetables	4 fl. oz./acre	3 applications
Stem, leaf, flower vegetables	5 fl. oz./acre	3 applications
Strawberries	4 fl. oz./acre	At early bloom up to 30%
Sugar beets	8 fl. oz./acre	1 application
Sunflowers	8 fl. oz./acre	1 application
Tropical Fruits	8 fl. oz./acre	2 applications
Turf	8 fl. oz./acre	Apply monthly throughout growing season