Peters Professional®

M-77 The Advanced Exclusive Chelating Formula

SKU# E99700, G99700

20-20-20

AG & LANDSCAPE SPECIAL

Classic formula designed for in-ground field use on transplants, strawberries, fruit and nut trees, vining fruit and vegetable crops, row crops including corn and potatoes, grains, forages and landscapes.

- General-purpose fertilizer contains balanced N-P-K and micronutrients for a wide range of plants
- Acidifying action can help combat excessively high soil pH
- Can be used as a foliar feed

GUARANTEED ANALYSIS 20-20-20

Total Nitrogen (N) 20%
    3.5% Ammoniacal Nitrogen
    5.6% Nitrate Nitrogen
    10.9% Urea Nitrogen
Available Phosphate (P_2O_5) 20%
Soluble Potash (K_2O) 20%
Boron (B) 0.02%
Copper (Cu) 0.05%
    0.05% Chelated Copper (Cu)
Iron (Fe) 0.1%
    0.1% 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, Potassium Nitrate, Potassium Phosphate, Ammonium Phosphate, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Ammonium Molybdate, Zinc EDTA.

MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS)

Amount of Fertilizer* +	Amount of Water (gallons) =	Approx. ppm N
1 tsp	1	242
1 tbsp	2	363
1 cup	25	465

*level measurements

1 pound of fertilizer + 100 gallons of water = 239.7 ppm N

PRODUCT PROPERTIES

Potential Acidity . . . . 572 lbs calcium carbonate
                      equivalent per ton
Conductivity of 100 ppm N . . . . 0.51 mmhos/cm

CROP	FERTILIZER RECOMMENDATIONS FOR PETERS PROFESSIONAL® 20-20-20 GENERAL AG
Transplants	As a starter solution, use at a concentration of 4-5 lbs per 100 gallons. Apply enough solution to drench entire root system. (1 cup per transplant or 200 to 300 gallons per acre).
Strawberries	Use at the concentration of 5-10 lbs per acre when fruit buds are first visible in the crown of the plant. Make three more applications 7 to 10 days apart.
Fruit and Nut Tree Crops: Apples, Peaches, Pears, Plums, Apricots, Nectarines, Cherries, Citrus, Figs, Avacados, Mangoes, Papaya, Kiwi, Filberts, Chestnuts, Macadamia Nuts, Walnuts, Pecans, Almonds	Use at the concentration of 2 lbs per 100 gallons of water. If low volume sprays are made, use at the concentration of 5 to 10 lbs per acre. Apply early in the season and reapply as necessary (3 to 5 times) during the growing season. Use caution with tree fruits where fruit color and maturity are delayed by additional Nitrogen and avoid late season sprays.
Grapes, Blackberries, Raspberries, Blueberries, Cranberries	5-10 lbs per acre early in the season and thereafter as necessary. DO NOT apply within 8 weeks of ripening if fruit color or maturity is delayed by applications of Nitrogen.
Tomatoes, Peppers, Cucumbers, Squash, Melons	5-10 lbs per acre with first application made when plants are 3-4 weeks old. Make 5-7 applications at 7-10 day intervals.
Beans, Peas, Sweet Corn, Lentils, Onions	5-10 lbs per acre with first application made when plants are 3-4 weeks old. Make 5-7 applications at 7-10 day intervals.
Celery, Lettuce, Endive, Broccoli, Cabbage, Cauliflower, Brussels Sprouts, Kale, Spinach	Use 5 lbs per 100 gallons at transplant. As a foliar spray, use at a concentration of 5-10 lbs per 100 gallons at 7-10 day intervals beginning 3 weeks after transplanting. Make 3-6 sprays per season.
Carrots, Parsley, Asparagus	Foliar applications of 10-15 lbs per acre are efficient, depending on weather conditions and stage of growth.
Row Crops: Legumes, Corns, Beets, Potatoes, Sweet Potatoes, Pineapples	Use at a concentration of 5-10 lbs per acre. Apply when plants are young and reapply at 7-10 day intervals.
Wheat, Barley, Oats, Rye, Rice, Sunflower, Sugarcane	5-10 lbs per acre through the season, depending on desired growth and vigor. For small grains, apply at tillering or when 10% of heads are visible.
Forage and Hay Crops	Foliar sprays at the concentration of 5-10 lbs per acre improves plant vigor and stimulates growth. Reapply at 7-10 day intervals as needed.
Landscape	Drench trees and shrubs every 7-10 days with a solution made with 1.5-2.0 lbs of Peters® 20-20-20 per 100 gallons of water (approx. concentration = 400 to 600 ppm N).

ICL Specialty Fertilizers