



Prolific[®] 10-20-30

Water Soluble Fertilizer

NPK high in potassium with micronutrients To Supplement A Sound Fertility Program

GUARANTEED ANALYSIS 10-20-30

Total nitrogen (N).....	10.00%
2.5% Ammoniacal nitrogen	
7.5% Nitrate nitrogen	
Available phosphate (P ₂ O ₅)	20.00%
Soluble potash (K ₂ O)	30.00%
Sulfur (S)	1.00%
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: ammonium phosphate, potassium phosphate, potassium nitrate, potassium chloride, boric acid, copper EDTA, iron EDTA, manganese EDTA, sodium molybdate, and zinc EDTA.

Chloride (Cl) Max..... 0.40%

F1683

KEEP OUT OF REACH OF CHILDREN CAUTION

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of eyes, nose, throat, or skin. Avoid contact with eyes, skin, or clothing. In case of contact with eyes, flush with copious amounts of water. Consult physician if irritation persists.

GENERAL INFORMATION

PROLIFIC is a foliar fertilizer containing nitrogen, phosphate, potash, and micronutrients. The copper, iron, manganese and zinc micronutrients are chelated with EDTA to facilitate ease of absorption and utilization. Prolific 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 Prolific 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. Higher rates are recommended when the leaf area is small, if only a single application is intended or when soil and weather conditions are unfavorable for crop growth. For best results, application 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.

Prolific can be used in crop protection sprays with a minimum volume of 10 gallons of spray per acre by ground and 5 gallons of spray per acre by air; however, the concentration of Prolific should not exceed 10 pounds in 100 gallons of water. Avoid spraying during full bloom. 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.

Distributed By:
Winfield Solutions, LLC
P.O. Box 64589, St. Paul, MN 55164-0589

NET WT.
25 LBS. (11.3 Kg)
0/1006/8

Prolific 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.

DIRECTIONS FOR USE

CROPS	POUNDS/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 of 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 application 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.
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 application 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 application as soon as growth starts in spring. Apply 1 to 2 applications to bloom. Continue after harvest in 2-3 week intervals.
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, 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 5,000 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.

CROPS	POUNDS/ACRE	REMARKS*
Household Plants		Add 1 teaspoon per gallon of water

*Applications of Prolific can be made with most crop protection sprays. Band applications may be made using the following formula to calculate applications:

$$\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Rate/Acre Broadcast} = \text{Amount Needed for Treatment}$$

Check compatibility before mixing with agricultural pesticides.

STORAGE AND DISPOSAL

Do not reuse empty container. Triple rinse, then offer for recycling or for disposal in a sanitary landfill, or by other means approved by State and local authorities.

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

Notice of Warranty

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of 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.

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