



PETERS
EXCEL
WATER SOLUBLE FERTILIZER

PETERS EXCEL[®]

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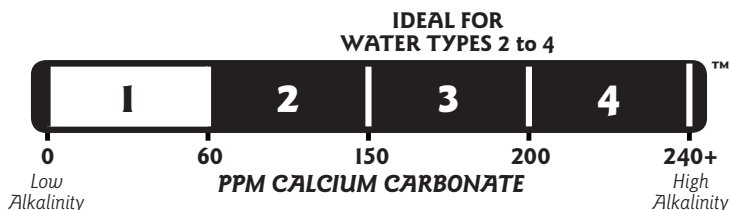
B
Base
Formulation

21-5-20

MULTI PURPOSE



21-5-20
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99150

B
Base
Formulation



NET WEIGHT: 25 lb (11.34 kg)

Scotts-Sierra Horticultural Products Company • 14111 Scottslawn Road • Marysville, Ohio • 43041



PETERS EXCEL WATER SOLUBLE FERTILIZER



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Directions for Use

Selecting the correct fertilizer program - The chemical composition of the irrigation solutions applied to crops has a major influence on the nutrients available to plants in the long term.

Selecting the correct concentration - The correct fertilizer concentration for a particular growing operation will depend on a number of factors including, feeding frequency, crop type, crop stage, growing media, pot size, leaching fraction and environmental conditions.

TABLE 1 Recommended Feeding Rates. Table with 3 columns: Crop Type, Constant Liquid Feeding ppm N, and Periodic Feeding ppm N. Rows include Bedding Plants, Containerized Woody Plants, Flowering Pot Crops, Potted Foliage, Plugs (All Types), and Landscape/Outdoors.

Mixing Concentrated Stock Tanks - Most growers make up concentrate solutions in a stock tank and use an injector system to achieve the correct final concentration. For best results:

- 1. Decide if you want to dilute a partial bag (Table #2) or full bag (Table #3) of fertilizer.

TABLE 2 Weight (In Ounces) of Product Needed To Mix One Gallon of Concentrate. Table with 4 columns: Target Fertilizer Concentration (ppm N) After Dilution, and three Injector Ratios (1:15, 1:100, 1:200). Rows show concentrations from 50 to 300 ppm N.

TABLE 3 Gallons of Water Required to Dissolve One 25 Lb. Bag of Fertilizer. Table with 3 columns: Target Fertilizer Concentration (ppm N) After Dilution, and two Injector Ratios (1:100, 1:200). Rows show concentrations from 50 to 300 ppm N.

- 2. Determine your desired Target Fertilizer Concentration (ppm N) After Dilution.
3. Select your Injector Ratio Setting.
4. (a) Table #2 - the value stated is the correct weight of fertilizer necessary to make one gallon of concentrate.
(b) Table #3 - the value stated is the volume (in gallons) of water required to dissolve one 25 pound bag of fertilizer.

Mixing For Watering Cans, Spray Tanks (No Injectors). Table with 4 columns: Conventional Measure, Grams, Amount of water (gallons), and ppm N. Rows show 1 tsp, 1 Tbsp, and 1 cup.

100 gallons of water + 1 pound of fertilizer = 251.7 ppm N.

Product Properties. Table with 3 columns: Potential Acidity, Conductivity of 100 ppm, and Maximum Solubility. Row shows 390 lbs. calcium carbonate equivalent per ton, 0.63, and 4 lbs/gal.

Fertilizer Compatibility - All Peters Excel fertilizers are tank mix compatible with each other. However, not all Peters Professional and Peters Excel water soluble fertilizer products are compatible.

Solubility - Product components are completely water soluble. However, a number of factors will determine how fast the fertilizer will dissolve (i.e., desired concentration, temperature of irrigation water, agitation, time, irrigation water quality, the fertilizer itself and compatibility of other components in the stock tank).

Water Soluble Fertilizer Appearance - This product is composed from a number of components, varying in size. Some of the products are uniform in appearance while others quite heterogeneous.

Monitoring - The Scotts Testing Laboratory is a reliable source for testing water, growing media or tissue. Injector monitoring and maintenance will help to ensure that you are feeding at optimal levels.

Need More Information - To fine-tune your fertilizer selection to your individual growing conditions, you can contact an experienced Scotts horticultural professional or you can refer to the www.PetersABC.com website to access the Peters ABC Selection System™.



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(For Continuous Liquid Feed Programs)

Guaranteed Analysis. Table with 2 columns: Component and Percentage. Components include Total nitrogen (N), Ammoniacal nitrogen, Nitrate nitrogen, Urea nitrogen, Available Phosphate (P2O5), Soluble potash (K2O), Boron (B), Copper (Cu), Water soluble copper (Cu), Iron (Fe), Chelated iron (Fe), Manganese (Mn) (Total), Water soluble manganese (Mn), Molybdenum (Mo), and Zinc (Zn).

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

Information regarding the contents and levels of metals in this product is available on the internet at http://www.regulatory-info-sc.com.

WARNING: This fertilizer contains more than .001% molybdenum (Mo). The application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.

SAFETY INSTRUCTIONS:

FOR SAFETY INSTRUCTIONS, REFER TO THE MATERIAL SAFETY DATA SHEET, OR CALL 1-800-492-8255.

WARNING: May be harmful if swallowed or inhaled. May cause irritation.

- Avoid contact with eyes, skin and clothing.
• Avoid breathing dust.
• Wash thoroughly after handling.
• Do not swallow.

First Aid: In case of contact, immediately flush with plenty of water for at least 15 minutes. Call a physician; flush skin with water. (Washing clothing before reuse.)

Spills and Disposal: If spilled, absorb with an inert noncombustible material and remove for disposal. Dispose of all waste in accordance with applicable government regulations.

Storage: Opened bags should be sealed. Unsealed or partially used products may take on moisture from the atmosphere and may subsequently soften or harden in the bag. As long as bags are properly re-sealed, this should in no way diminish nutrient content of the fertilizer. Store product in a cool, dry environment.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

This product is covered by one or more of the following U.S. Patents or foreign counterparts thereof; 5,171,349; 5,395,418; 5,492,553.

IMPORTANT NOTICE FROM THE SCOTTS COMPANY LLC AND SCOTTS-SIERRA HORTICULTURAL PRODUCTS COMPANY ("SCOTTS"). PLEASE READ BEFORE USE

By using this product, user or buyer accepts the conditions, disclaimer of warranties and limitations of liability. Read the entire directions for use, conditions of warranties and limitations of liability before using this product.

CONDITIONS: This product has been researched to provide necessary data to support its uses listed on the label. The directions for use of this product are believed to be adequate and the user or buyer must always follow the label directions carefully and exercise judgment and caution when using this product under their growing conditions.

WARNING: This product corresponds to all claims and descriptions set forth on the label and, subject to the conditions set forth above, is reasonably fit for use for any purpose for which it is intended. Scotts recognizes that the rights and remedies of the user or buyer are subject to the provisions of the applicable state law, but makes no other warranties or representations, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label.

LIMITATIONS OF LIABILITY: Subject to the user's or buyer's rights and remedies under the applicable state law, the exclusive remedy of the user or buyer and the liability of Scotts or its affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid by the user or Buyer for the quantity of this product involved or at Scotts' election, the replacement of the product.

To request additional information, please contact your Scotts Distributor or call Scotts Customer Service at 1-800-492-8255.



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Testing Lab: 1-877-HORT-LAB

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