

## For best results with Peters® Water Soluble Fertilizers

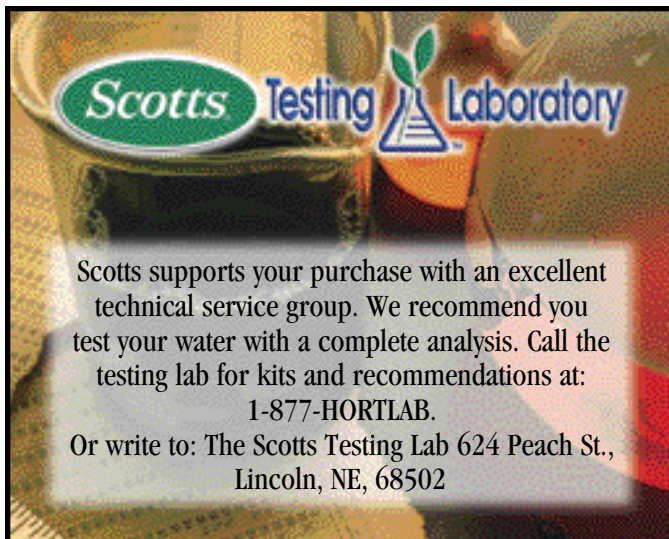
### Begin by testing water quality

The basis for a well-planned greenhouse fertility program is analyzing the water. Through water analysis, a grower can discover the alkalinity of the water and the current levels of all nutrients. In addition, the water analysis can point out potential problems, like high sodium and boron or low calcium and magnesium.

### Based on water quality, select a Peters® product to fit your needs.

Once you review your water test results, you are ready to select the correct fertilizer program. First, potential acidity/basicity should be matched with the alkalinity level in your water: e.g. water with low alkalinity most likely will call for a fertilizer that is neutral or is potentially basic. Then, look to see if you need to add Ca, Mg or certain trace elements. Most water sources lack at least one of these nutrients and you can dramatically improve your crop quality if you select the Peters fertilizer that provides these essential elements. Call us if you need help to match the best fertilizer with your irrigation water.

*Whatever your water results are, there's a Peters Water Soluble Fertilizer to meet your crop's nutritional needs.*



Scotts supports your purchase with an excellent technical service group. We recommend you test your water with a complete analysis. Call the testing lab for kits and recommendations at:  
1-877-HORTLAB.  
Or write to: The Scotts Testing Lab 624 Peach St.,  
Lincoln, NE, 68502

## Peters® - The Industry Standard

For over 130 years, Scotts® has been bringing new and innovative products to the green industry. For the professional grower, Scott's has an entire family of products: Osmocote® controlled-release fertilizers, Metro-Mix® growing media, Banrot® fungicide and Peters® water-soluble fertilizers. We continue our tradition of innovation by making these recent improvements to the Peters product line:

- Plastic Packaging
  - Easy to open and pour
  - Easy to store
  - Easy to dispose
- Cake-Resistant Technology
  - Better handling
  - Store with confidence
- Scotts Rigid Quality Assurance Program
  - We test each production batch, before delivery, to assure it meets our standards...and yours
  - We use the highest quality ingredients available

Peters® – brought to you only by The Scotts Company.  
For a distributor in your area, please call 1-800-492-8255.



For more information please visit:  
[www.scottsprohort.com](http://www.scottsprohort.com)



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**Scotts**  
**Professional  
Water Soluble Fertilizers**



## Most Popular Peters® Formulas

|                                 | Stock # | Potential Acidity (A) / Basicity (B) [CCE] | Maximum Solubility (lb./gal.) | EC per 100 ppm N (mS/cm) | Oz./100 gal to obtain 100 ppm N | 1 level tsp/gal = approx. ppm N | Elemental ppm Contained in a 100 ppm N Solution |                    |        |        |       |       |      |       |       |       |       |        |       |
|---------------------------------|---------|--|-------------------------------|--------------------------|---------------------------------|---------------------------------|---|--------------------|--------|--------|-------|-------|------|-------|-------|-------|-------|--------|-------|
|                                 |         |  |                               |                          |                                 |                                 | NH <sub>4</sub> -N                              | NO <sub>3</sub> -N | Urea-N | P      | K     | Ca    | Mg   | B     | Cu    | Fe    | Mn    | Mo     | Zn    |
| 13-2-13 Plug Special *          | 91490   | 340 B                                      | 5.00                          | 0.92                     | 10.38                           | 176.4                           | 2.3   | 91.5               | 6.2    | 6.7    | 83.3  | 46.2  | 23.1 | 0.046 | 0.215 | 0.385 | 0.215 | 0.0577 | 0.215 |
| 15-2-20 Pansy, Salvia & Vinca * | 91040   | 240 B                                      | 3.50                          | 0.69                     | 9.00                            | 200.1                           | 10.0  | 84.7               | 5.3    | 5.8    | 111.1 | 25.0  | 13.3 | 0.200 | 0.047 | 0.670 | 0.333 | 0.0470 | 0.133 |
| 15-5-15 Cal-Mag *               | 91940   | 150 B                                      | 3.00                          | 0.66                     | 9.00                            | 193.2                           | 8.0   | 78.3               | 13.7   | 14.5   | 83.3  | 33.3  | 13.3 | 0.100 | 0.047 | 0.500 | 0.247 | 0.0470 | 0.266 |
| 20-5-19 Poinsettia *            | 91590   | 350 A                                      | 3.00                          | 0.62                     | 6.75                            | 309.0                           | 29.7  | 60.3               | 10.0   | 10.9   | 79.2  | *     | *    | 0.050 | 0.050 | 0.500 | 0.250 | 0.5000 | 0.300 |
| 21-5-20 All Purpose *           | 91990   | 390 A                                      | 5.00                          | 0.64                     | 6.43                            | 328.4                           | 31.0  | 60.0               | 9.0    | 10.5   | 79.1  | *     | *    | 0.095 | 0.048 | 0.476 | 0.240 | 0.0480 | 0.334 |
| 5-11-26 Hydro- Sol *            | 91251   | 215 B                                      | 4.00                          | 1.90                     | 27.00                           | 78.7                            | *   | 100.0              | *      | 95.7   | 433.3 | *     | 62.0 | 1.000 | 0.300 | 6.000 | 1.000 | 0.2000 | 0.300 |
| 8-45-14 Plant Starter *         | 91140   | 895 A                                      | 4.00                          | 1.20                     | 16.88                           | 103.6                           | 100   | *                  | *      | 244.6  | 145.8 | *     | 1.3  | 0.085 | 0.045 | 0.625 | 0.313 | 0.0113 | 0.031 |
| 10-30-20 Blossom Booster *      | 91160   | 355 A                                      | 3.25                          | 0.96                     | 13.50                           | 138.6                           | 49.0  | 51.0               | *      | 130.43 | 166.7 | *     | 12.0 | 0.068 | 0.036 | 0.500 | 0.250 | 0.0090 | 0.025 |
| 15-0-15 Dark Weather Feed *     | 91190   | 295 B                                      | 3.50                          | 0.75                     | 9.00                            | 193.5                           | 3.3   | 79.4               | 17.3   | *      | 83.3  | 73.33 | *    | 0.045 | 0.024 | 0.333 | 0.167 | 0.0060 | 0.017 |
| 15-15-15 Geranium *             | 91020   | 245 A                                      | 4.00                          | 0.64                     | 9.00                            | 209.5                           | 18.8  | 49.1               | 32.1   | 43.5   | 83.3  | *     | 0.3  | 0.045 | 0.024 | 0.333 | 0.167 | 0.0060 | 0.017 |
| 20-5-30 Potash Special *        | 91030   | 125 A                                      | 3.00                          | 0.45                     | 6.75                            | 283.9                           | 4.5   | 46.0               | 49.5   | 10.9   | 125.0 | *     | 0.3  | 0.034 | 0.018 | 0.250 | 0.125 | 0.0045 | 0.013 |
| 20-10-20 Florida Special        | 91810   | 410 A                                      | 4.00                          | 0.65                     | 6.75                            | 309.0                           | 39.9  | 61.1               | *      | 21.8   | 83.3  | *     | 0.5  | 0.100 | 0.100 | 0.250 | 0.100 | 0.0045 | 0.100 |
| 20-10-20 General Purpose        | 91840   | 410 A                                      | 4.00                          | 0.65                     | 6.75                            | 309.0                           | 39.7  | 60.3               | *      | 21.8   | 83.3  | *     | 0.8  | 0.034 | 0.018 | 0.250 | 0.130 | 0.0045 | 0.013 |
| 20-20-20 Florida Special        | 91800   | 565 A                                      | 3.50                          | 0.4                      | 6.75                            | 240.1                           | 20.0  | 30.0               | 50.0   | 43.5   | 83.3  | *     | 0.5  | 0.100 | 0.100 | 0.250 | 0.100 | 0.0045 | 0.100 |
| 20-20-20 General Purpose *      | 91010   | 565 A                                      | 3.50                          | 0.4                      | 6.75                            | 240.1                           | 19.7  | 30.3               | 50.0   | 43.5   | 83.3  | *     | 0.3  | 0.034 | 0.018 | 0.250 | 0.125 | 0.0050 | 0.013 |
| 21-7-7 Acid Special *           | 91130   | 1540 A                                     | 4.00                          | 0.65                     | 6.43                            | 255.2                           | 49.6  | *                  | 50.4   | 14.5   | 27.8  | *     | 1.4  | 0.032 | 0.017 | 0.714 | 0.114 | 0.0043 | 0.012 |
| 24-8-16 Foliage Special *       | 91930   | 890 A                                      | 3.00                          | 0.44                     | 5.63                            | 289.1                           | 22.3  | 20.0               | 57.7   | 14.5   | 55.5  | *     | 1.7  | 0.014 | 0.083 | 0.208 | 0.083 | 0.0040 | 0.083 |
| 15-5-25 Poinsettia Peat-Lite *  | 91790   | 35 A                                       | 2.50                          | 0.78                     | 9.00                            | 232.4                           | 27.7  | 72.3               | *      | 14.5   | 138.8 | *     | 8.7  | 0.045 | 0.05  | 0.5   | 0.28  | 0.05   | 0.333 |
| 15-16-17 Peat-Lite *            | 91220   | 195 A                                      | 4.25                          | 0.69                     | 9.00                            | 199.2                           | 20.4  | 53.5               | 26.1   | 46.4   | 94.4  | *     | 0.4  | 0.133 | 0.050 | 0.500 | 0.280 | 0.0500 | 0.080 |
| 20-10-20 Peat-Lite *            | 91860   | 410 A                                      | 4.00                          | 0.66                     | 6.75                            | 309.0                           | 39.9  | 61.1               | *      | 21.8   | 83.3  | *     | 0.8  | 0.100 | 0.050 | 0.500 | 0.280 | 0.0500 | 0.081 |

\* Denotes formula is available in Canada

### Peters® Specialty Products

#### S.T.E.M.

stock no. 91391

A totally soluble trace element supplement - providing sulfated minor elements for broad spectrum use and "quick fixes" of deficiencies. Apply as a spray or drench using 1 to 8 oz. by weight of S.T.E.M. per 100 gallons (small volumes mix 1/16 to 1/2 tsp per gallon). The 8 oz. rate is a one time experimental rate and should be tested before applying to the entire crop.

#### UNIMIX III 10-5-10

stock no. 91195

A dry nutrient charge, developed by Scotts, to be incorporated in growing media when you are mixing your own. This provides a base level of starter nutrients that are both immediately available and slow release.

#### Landscape and Outdoor Use

For general landscape plant use, mix 1 tablespoon of a Peters fertilizer such as 20-20-20 General Purpose into a gallon of water. Drench thoroughly applying 1 gallon of fertilizer solution to each 2 sq. ft. area every 7 to 10 days. Individual results may vary depending on plant and soil type.

### Features and Benefits:

#### Peters Excel®

- Patented technology; available exclusively from Scotts.
- Provides high nitrate nitrogen for immediate plant use.
- Reduces or eliminates acid use.
- Reduces alkalinity for better nutrient uptake.
- Combines Ca, Mg, P and sulfates in a single concentrate tank, with no precipitates.

#### Peters Professional®

- Unique NPK ratios to meet specific plant needs and/or unique water situations.
- Formulated with our exclusive M-77® nutrient package.
- Contains chelated micronutrients.

#### Peters Peat-Lite®

- Contains twice the minor elements of general purpose fertilizers.
- Specifically formulated for growing with soilless media.
- Formulated with our exclusive M-77® nutrient package.

### Rate Suggestions for Commercial Growers

| Crop Type                  | Continuous Feeding ppm N<br>(Constant Liquid Feeding) | Periodic Feeding ppm N<br>(Pulse Feeding) |
|----------------------------|---|---|
| Bedding Plants             | 50-150  | 150-250                                   |
| Containerized Woody Plants | 50-100  | 200-350                                   |
| Cut Flowers                | 175-225   | 300-450                                   |
| Potted Chrysanthemums      | 200-300   | 350-400                                   |
| Potted Easter Lilies       | 200-300   | 350-400                                   |
| Potted Tropical Foliage    | 150-200   | 250-300                                   |
| Potted Geraniums           | 200-300   | 350-400                                   |
| Potted Poinsettias         | 200-300   | 350-400                                   |
| Plugs (All Types)          | 50-125  | 175-225                                   |

The chemical composition of irrigation water can influence availability of nutrients. Always test your water to better understand your pH and alkalinity.