



Wise Nurseries Fertilizer Guide

Fertilizer Products

- **Florikan (18-8-8/8-9month)** - One of the **best general purpose slow release** synthetic granular fertilizers with major and minor elements **for trees, shrubs and perennials**. Apply once in spring according to fertilizer rate sheet and feeds all growing season (Spring through Fall). Also one of the most economical, seeming expensive up front but actually saves due to only being applied once in the spring. Due to it being coated to release over time, it's forgiving and hard to burn plants due to over application or applying too close to plant. Even safe for plants with low nitrogen needs due to nitrogen being released over a long period of time.
- **Fertilome Tree and Shrub, Fruit Tree and Azalea Feed**- Excellent **fast release** synthetic granular fertilizers with major and minor elements **for trees, shrubs and perennials**. Apply once in spring and again midsummer according to rate sheet or bag directions. Must be applied at proper distance and amount due to fast break down to prevent burning. Use Tree & Shrub as a general purpose plant fertilizer, Fruit Tree on edibles (Except on apples, blueberries and Pears) and Azalea feed on low nitrogen demanding acid loving plants like Azaleas, Blueberries, Camellias, Gardenias and Hollies. Also use Azalea Feed (because of its low nitrogen) on apples and pears to help keep vigorous shoots to a minimum. Vigorous shoots are more susceptible to fire blight which is a huge problem in the South.
- **Osmocote Shakers**- Good synthetic granular **slow release fertilizer** (last up to 4months) designed **for seasonal plantings like annual beds, container plants and small gardens**. Safe to apply directly to planting hole or top dress on top of root ball after planting according to the label. This fertilizer is very forgiving and hard to burn plants due to being coated for a timed release. The green shaker is designed for vegetables while the pink shaker is designed for flowers. If needed one to fit all, use the green shaker.
- **MiracleGro Soluble**- Excellent synthetic liquid Fertilizer with Major and Minor elements. This is a very well balanced fertilizer for container plants or small beds but must be applied on a regular basis to get proper results. Apply every 7-14 days according to label. Due to liquid form, elements are quickly available for roots making it a good candidate for quickly getting some nutrients into a nutrient deficient plant.
- **Espoma Organic Fertilizer**- Excellent granular organic fertilizer with major and minor elements along with beneficial bacteria. Fertilizer not only feeds the plant but inoculates soil with beneficial bacteria. This feeds not only the plant but the soil as well as promoting natural, healthy, living soil. Each type of Espoma is designed for different plant needs. Use Citra Tone on all fruit trees, Garden Tone on vegetable gardens,



Holly tone on acid loving plants, Palm Tone on palm trees and tropical's, and Plant tone on the rest of the landscape. Plant Tone is also the best general purpose organic fertilizer if one product fits all is needed. Apply according to directions on label.

- **Fish Emulsion**- Good, natural, liquid fertilizer. Due to liquid form, elements are quickly available for roots making it a good candidate for quickly getting some nutrients into a nutrient deficient plant. Must be applied on a regular basis according to label to show expected results.
- **Plant Food Rings** – Easy, cheap, simple solution to container plants or shrubs and trees. Fabric helps suppress weeds and retain moisture while feeding all season long. Good for container planting or customers only buying a few shrubs and trees. Use multiple rings for more fertilizer on larger in ground plantings such as 7gal and 15gal material.
- **SurGro 15-0-15**- Granular synthetic fertilizer specially designed for centipede grass but works well as a general turf fertilizer as well. Apply at a rate of 3-4 lbs per 1,000 sq ft (around 4 50lbs bags per acre) with a turf fertilizer spreader. Spread evenly by spreading 50% using S-turns then the other 50% using S-turns the opposite direction. IT IS VERY IMPORTANT NOT TO APPLY TO CENTIPEDE GRASS UNTIL IT COMES OUT OF DORMANCEY AND IS GREEN. If applied any sooner, you could promote centipede decline. Most other types of turf can be fertilized in early spring before it greens up. Apply at least twice in a growing season but last dose no later than August. Blow off any that lands on concrete or pavers or it will stain upon getting wet.
- **Root Stimulator**- Excellent liquid starter fertilizer designed for use upon install to help stimulate root growth and fast establishment of plants. Most effective if used upon install but can be used on established plants as well if unhealthy roots are a suspected problem. Should be recommended as a synthetic option for use on all new plantings of trees, shrubs and perennials. Dilute and apply product according to directions on label. Can be used as the only fertilizer applied upon install but follow with a regular fertilizer 30days later if plant is installed during growing season.
- **BioTone**- Excellent granular organic starter fertilizer **designed for use upon install to promote fast establishment of plants** along with inoculating soil with beneficial bacteria and fungi. This results in feeding the plants and the soil promoting a natural plant environment with healthy levels of beneficial bacteria and fungi. This product should be recommended as an organic option to help establish new beds and plantings. Biotone may also be used to help heal established beds. Apply according to directions on label.



WISE NURSERIES

ideas that grow

- **Chelated Liquid Iron**- Excellent liquid synthetic fertilizer designed to correct minor element nutrition deficiencies quickly due to liquid form. This product is especially useful on plant material that has been fed for a long period of time with fertilizer lacking minor elements. It's also useful when trying to get better foliage color on established plants that you don't necessarily want to vigorously grow. For example, use on centipede lawns in need of iron without additional nitrogen and palms for additional magnesium. Apply as a foliar feed or soil drench as directed on label.
- **Ironite**- Excellent granular synthetic fertilizer designed to correct minor element nutrition deficiencies. Very similar to Chelated Liquid Iron with one main difference, it's granular. Some people prefer this form because it's easier to apply rather than a liquid with the exception of taking longer to react in granular form.
- **Bone Meal**- This product is used to supplement phosphate needs which promote healthy roots and is usually used in combination with regular feeding program. Root vegetables and bulb plants benefit greatly from using bone meal. Bone Meal may also be used on trees and shrubs in fall to insure healthy stronger root development and growth during fall and winter. This stages the plant to better absorb nutrients and handle drought conditions the following growing season. Apply according to directions on label.
- **Aluminum Sulfate**- This product is used to lower soil PH levels. Most Plants like a PH level between 6 - 7. Some acid loving plants like a PH level between 4.5 - 5.5. PH levels effect how nutrition is available to roots, not the actual growth of the plant. This product is commonly used to turn hydrangea blooms blue which is a natural reaction hydrangeas have when growing in a lower PH. It's always a good idea to know what your PH level is before using it. Apply according to directions on label.
- **Lime**- This product is used when soil PH levels need to be raised (The opposite of Aluminum Sulfate). You can add all the fertilizer you want to a plant but if the PH is not correct, the elements will not be properly available to the plant causing nutrition deficiencies. It's always a good idea to know what your PH level is before using it (we carry testers). Apply according to directions on label.