**Let's talk about SOIL AMENDMENTS!** A soil amendment is any substance which is intended to change the chemical or physical characteristics of the soil. Someone might want to amend their soil to improve its texture, structure, nutrient content, drainage, or water retention capacity, essentially creating a better environment for plant roots to grow by adjusting the soil's pH level and adding necessary nutrients, making it easier to work with and allowing for healthier plant growth. This is especially important if the existing soil is compacted, poorly draining, too acidic or alkaline, or lacks essential nutrients for the plants they want to grow.



**SOIL SULFUR:** Used to create an acid soil condition.

Slow acting but long lasting.

- Ideal for lawns, acid loving ornamentals & vegetables
- Use when planting new blueberries, evergreens, & acid loving plants



**IRON SULFATE:** Recommended for the prevention and correction of chlorosis (yellowing of plant leaves) caused by iron deficiency. Aids in creating an acid soil condition.

- Gives a rich green color to lawns, shrubs, flowers, and gardens.
- · Correct chlorosis, caused by an iron deficiency.
- · Helps create an acid soil condition.



**ALUMINUM SULFATE:** Used primarily to acidify soil. Helps create an acid soil condition which is desirable to the growth of certain types of plants such as azaleas, rhododendrons, camellias, gardenias, hydrangeas (blue), junipers, yews, cypress, magnolia, oak, pine, etc...

- MAINTAINS OR CHANGES COLOR OF WHITE OR PINK HYDRANGEAS TO BLUE
- · Helps to create an acid soil condition.



**HORTICULTURAL HYDRATED LIME:** Quickly corrects soil acidity & helps loosen heavy clay soil. Increases soil PH. Supplies calcium to plants and microorganisms

- Corrects soil acidity for shrubs, flowers, vegetables, lawns, & houseplants
- Lime increases availability of phosphorous, molybdenum, and certain other elements in acid soils.
- Powder form



**AGRICULTURAL LIMESTONE:** Dolomite Lime. This is longer lasting than hydrated lime. An easy method of correcting soil acidity & replacing calcium in soils leached by rainfall. Improves soil condition & bacterial action.

- For vegetables, roses, ornamentals, flowers, shrubs, trees & lawns
- Neutralizes excess soil acidity
- Granular form



**MURIATE OF POTASH:** An excellent source of potassium, which aids plants in forming healthy stems, roots and tuber growth. Great for below ground forming vegetables such as potatoes, carrots and others.

- · Helps produce strong, sturdy stalks and colorful blooms
- · Help plants get the nutrients needed to grow strong
- Great for flowering bulbs



**BONE MEAL:** Provides a slow release form of natural phosphorus to help plant produce sturdy root systems, hastens maturity and stimulates plant growth.

- Great for flowering bulbs
- · Excellent for vegetable gardens



**SUPER PHOSPHATE:** An inexpensive and effective source of phosphorous that plants and bulbs need to produce healthy roots, stems and blooms.

- · Easy-to-use formula to enhance growth and color
- Strengthens stems and increases blooms
- · Helps plants get the nutrients needed to grow strong



**MAGNESIUM SULFATE:** Corrects magnesium deficiencies that can cause yellowing between leaf veins (chlorosis).

- · Improves fruit quality and yield in plants like tomatoes, citrus, and peppers.
- Beneficial for a wide range of plants, including vegetables, fruits, flowers, and ornamentals.



**BLOOD MEAL:** Blood meal is a natural fertilizer derived from dried animal blood. Provides a slow release form of natural nitrogen which is crucial for healthy green foliage growth, making it ideal for plants that need a lot of nitrogen during their early stages of development, like leafy greens and vegetables.

- For use on pansies, roses, flowers, trees, shrubs and vegetables.
- Improves Soil Structure: Blood meal can improve soil structure by adding organic matter. This helps the soil retain moisture and nutrients better.
- Aids in plant production of top growth and deep green foliage.



**COTTONSEED MEAL:** This soil acidifier helps create an acid soil condition and aids in production of friendly bacteria.

- •Provides a slow release form of natural Nitrogen for continues feeding and reducing nitrogen burn.
- •This soil supplement is great for use on all types of plants.



**IRON PLUS SOIL ACIDIFIER:** This Iron Supplement and pH Acidifier is designed to turn yellowing plants and grass green.

- •Only for use on Alkaline and Calcareous soil. Incorrect use could result in burning.
- •This Iron and pH supplement can be used on lawns, flowers, trees, shrubs and citrus.



**CALCIUM NITRATE:** A fertilizer containing two important nutrients that plants need: Calcium (Ca) and Nitrogen (N).

- Used primarily in vegetable gardens, particularly for Tomatoes and Peppers, in the prevention of Blossom End Rot, which is a physiological disorder (not a disease) caused by a lack of calcium
- When fruits are enlarging rapidly, sufficient amounts of calcium fail to reach the end of the fruit resulting in a deficiency of calcium in the developing fruit. This will help prevent that from happening!