



SK Microsource Directions for Use

Guaranteed Soil pH Reduction

Soil pH is the basis for application rates. Do not broadcast apply to soils with a pH of less than 6.0 with no lime content (Exceptions-see new planting's section). Ideal soil pH range is 6.3 to 7.2.

- * Soil pH of 6.3 to 6.8 – apply 500 to 800 pounds per treated acre as a maintenance and replacement program.
- * Soil pH of 6.8 to 7.3 – apply 800 to 1000 pounds per treated acre for pH reduction and element replacement.
- * Soil pH of 7.3 to 7.7 – apply 1000 to 1500 pounds per treated acre for pH reduction and element replacement.
- * Soil pH of 7.8 to 8.3 and higher – (alkali soil) apply 2000 to 3000 pounds per treated acre for pH reduction.

New Plantings – Trees, Vines, and Transplants

Citrus, vines, bare root plantings – apply SKM down the plant row in a 1' to 2' band at a rate of 700 to 800 pounds per acre. Mix product with back fill soil.

Transplants – apply SKM in a 6" to 1' band down the plant row ahead of planting at a rate of 200 to 300 pounds per treated acre.

Seed Plantings – apply SKM Granules on either side or under seed at a rate of 250 to 300 pounds per treated acre.

Homeowner, Garden and Nursery – apply one tablespoon of SKM to ¼ cup per 4" to 6" potted plant. Apply ½ cup to 1 cup per 8" to 12" potted plant. Spread evenly over surface and water into plant, or mix with soil contents of pot size then plant seed.

Lawns and Flower Beds – apply 3 to 5 pounds of SKM to 100 sq/feet of surface or 30 to 50 pounds per 1000 sq/feet of surface.

Seed Plantings – broadcast Seeding (alfalfa, grains, etc.) apply SKM 1/8th over prepared soil surface for planting at noted rates*. Spread seed over top of SKM treated soil. Use a scratcher or cultipacker behind seeder to lightly incorporate SKM, soil, and seed.



Physical Properties of SK-Microsource

SK-Microsource is a Bio-available source of sulfur and plant nutrients, the product out-performs all available sources of sulfur for soils and crop application currently in the market. The veins of SK-Microsource contain the dominate form of Sulfurs. Sulfur Sulfate (SO₄) and elemental sulfur (S) make up the higher percentage (over 50%) of the mineral mix. Other minerals in these veins include Gypsum, Potash, Alum, and all sulfated minerals required for plant growth.

SK Microsource is a screened to a 1/8 minus maximum size. The sizing ranges from 1/8 thru and to a micronized powder. The powder is approximately 20 – 25% of the granulated product. This range of sizing results in immediate pH reduction and nutrient availability to the plants and seed upon the application of water. The remaining sizes of the product will oxidize and be available, thru the growing period.

Blending of SK-Microsource is recommended to reduce costs of application and reduce soil compaction. SKM can be custom blended with N – P – K, Humates, or with other additional sulfated minerals where deficiencies exist.

Composting of Manures with SK-Microsource

(Dairy and beef cattle manure or chicken manure)

Blend 1 ton of **SK Microsource** into 2.5 tons of prepared manure, compost blend using standard composting method at 35% + maintain moisture.

Result: Reduces pH from 8 – 10 to mid-6 range; mitigates odor from ammonia gas smell to a typical good soil smell; controls flies and other insects; increases microbial activity; retains carbon in the compost; retains ammonia as ammonium sulfate.

Forms of **SK-Microsource** granular and /or prills are available as: Bulk Truckload lots, Super Sacks (1 US or Metric ton), or bagged.

SK-Microsource weight-63 pounds per cubic foot.

SK-Microsource broadcasts/blending prills weight- 69.5 pounds per cubic foot.

SK-Microsource golf greens prills weight- 78.5 pounds per cubic foot.