

Your foundation for healthy plants

TAGRO Mix features excellent organic soil conditioning properties to help pamper your lawn, flower beds, vegetable gardens and more. A blend of 50 percent “Class A—Exceptional Quality” biosolids, 25 percent sawdust and 25 percent screened sand, this mix replenishes soil and jump-starts plant growth.

TAGRO Mix will:

- Break up and aerate heavy soils
- Help soil retain moisture so you water less
- Provide a slow release of nutrients such as nitrogen and phosphorous

Use TAGRO Mix as a soil amendment in a manner similar to steer manure. It is better to enrich soil gradually with repeated light applications than to apply a heavy application all at once. Although similar to topsoil, TAGRO Mix does not replace soil.

New lawn installations

Mild temperatures during spring and early fall are ideal for establishing a new lawn. Got rocky or compacted clay soil? TAGRO Mix can help turn even the toughest patch of soil into the luxuriously thick lawn every neighbor envies.

- **Prepare the subgrade to final slope and grade.** If you need fill, select a material that drains easily to provide extra root media. Sandy loam is a good choice. Never use TAGRO Mix as fill material.
- **Use enough TAGRO Mix to cover the area to a depth of 1 inch.** 1 cubic yard will cover 300-335 square feet (18-by-18-feet) to a depth of 1 inch. Remember, more TAGRO Mix is not better; by using more than the recommended amount, you could damage your lawn.
- **Till TAGRO Mix into the top 3 or 4 inches of the soil.** It isn't necessary to till any deeper. If your soil is difficult to till or you've already prepared it, you can leave TAGRO Mix on the surface at a depth of 1 inch. Be sure to rake up surface rocks because you can't use the Mix to bury them
- **Seed:** Spread grass seed according to package directions. The seed goes on top of the prepared soil. We suggest seeding lightly twice in two directions. After seeding, lightly rake the area to ensure the seeds make good contact with the seedbed and are kept moist.
- **Hydroseed or sod:** Hydroseed or lay sod directly on top of your prepared soil.
- **Water:** Keep seedlings watered until the lawn is established. If you used TAGRO Mix as a top layer instead of tilling it in, be sure the grass doesn't dry out completely at least until the first mowing.

That's it! You don't need to add fertilizers or other additives to your lawn—usually for a full year.

Renovating existing lawns

Biosolids help keep golf courses and even the White House lawn thick and green without excess water and fertilizers. Here's how TAGRO Mix can help you refresh a tired lawn:

- **Preparation:** Thatch or plug dense or well-rooted lawns. Mow the lawn short to allow TAGRO Mix to settle in the root zone.
- **Amount:** In general, you'll need a thin layer, about 1/4 inch deep, of TAGRO Mix. 1 cubic yard will cover about 1,300 square feet to a depth of 1/4 inch. Rake as evenly as possible. Apply at this thickness twice a year, usually once in the spring and once in the fall. At this depth, reseeding isn't needed. TAGRO Mix will revitalize and bring some new growth.
- **Spotty lawn?** If your lawn is spotty, spread TAGRO Mix to a depth of up to 1/2 of an inch over the entire lawn. At this depth, we recommend reseeding the entire lawn. (See next step for more details)
- **Consider over-seeding your entire lawn.** Spread seed over the TAGRO Mix on your existing lawn at about half the rate needed for a new lawn. You might want to consider using one of the more modern, easier care types, such as hybrid grasses that grow more slowly and need less water.
- **As with any surface dressing, water deeply.** Use adequate amounts depending on your local water restrictions. 1 inch a week is the absolute minimum amount recommended. Make certain the soil beneath the seedlings remains damp while they establish themselves, usually 7 to 14 days.



Flowers: taller, stronger, bloomier

Any season the soil can be worked is the right time to add TAGRO Mix to your flower garden. Here's how you can grow some of the most colorful blooms ever—in beds or containers, indoors or out:

- **New roses:** Soak the roots in water for a couple of hours before planting. We don't recommend planting roses in the containers they came in, even if recommended by the brand or company. Blend TAGRO Mix 50-50 with the soil from the planting hole, then water adequately.
- **Fall rose cover:** Tacoma Rose Society members report excellent results using TAGRO Mix as a fall cover for bud union, with the added bonus of plant nutrition available in the spring.
- **Annuals and perennials:** Both annuals and perennials benefit from the long-lasting, gentle nutrients released with TAGRO Mix. Once a year, lightly till 1 inch of TAGRO Mix into your entire flower bed. For new plants, blend TAGRO Mix 50-50 with the soil into the planting hole, or after planting, add no more than a 1-inch layer of TAGRO Mix to the soil. Note, some established plants don't like their roots disturbed, so putting down a top layer is best. For rhododendrons and azaleas, keep the Mix out around the drip line.
- **Spring bulbs and blooming bushes:** Spring bulbs and blooming bushes perform well with TAGRO Mix. Lightly till 1 inch of TAGRO Mix around existing shrubs. For bulbs, rhododendrons and azaleas, put down a top layer but do not till in—these plants don't like their roots disturbed.
- **Raised beds:** In raised beds, add TAGRO Mix to the top or till it into the top 1/3 of the bed.
- **Containers:** TAGRO Mix is an excellent addition to potting soil for containers. We suggest a 30/70 blend of TAGRO Mix with regular potting soil, using less mix for permanent plantings such as trees.
- **Houseplants:** TAGRO Mix works well as an addition to regular potting soil used on houseplants, but because of its earthy odor, we recommend airing out the Mix for a few days before planting.

Nutrient Analysis

Total Nitrogen	1.4%
Available Nitrogen	.24%
Total Phosphorous	.85%
Postassium	.19%
PH	7.9
Carbon-Nitrogen Ratio	14:1
2012 averages	

A tasty addition to your garden

TAGRO Mix is proven safe and effective for food crops and has earned the U.S. Environmental Protection Agency's highest quality rating, "Class A—Exceptional Quality."

TAGRO Mix offers a high level of essential nutrients such as nitrogen, phosphorus and potassium. At the same time, TAGRO Mix meets stringent environmental standards with respect to heavy metals, coming in well below minimum guidelines set by the Environmental Protection Agency. Visit www.tagro.com for the latest technical reports.

Tacoma area residents have been using TAGRO with food crops since the early 1990s with much-heralded success. Vegetables grown in TAGRO have garnered hundreds of blue ribbons at the Puyallup Fair.

- **Garden prep:** Spread TAGRO Mix to a depth of 1 inch over your garden space before plowing or turning over. 1 cubic yard of TAGRO Mix will cover 300-335 square feet (18-by-18-feet) to a depth of 1 inch.
- **Transplants:** Apply TAGRO Mix 50-50 with soil to the planting hole when setting out transplants.
- **Seeds:** Starting seeds in a pot? Smaller seeds thrive in 100% TAGRO Mix, then transplant directly to your garden. Larger seeds work better with TAGRO Potting Soil. Starting seeds in the garden? Amend the row or hole 50-50 with TAGRO Mix and your soil.
- **Mid-season booster:** You can also use TAGRO Mix for a mid-season boost to established crops. Add a 1/4 inch of TAGRO Mix to the top of the soil or till it in, depending on the types of plants. In most cases with crops, tilling isn't recommended.

General instructions for using TAGRO Mix

- **More is not better:** Remember, because of its high nutrient content, more TAGRO Mix is not better. Use according to the directions or you could inadvertently harm your lawn or plants.
- **Use good hygiene:** Use common sense and good hygiene when handling TAGRO Mix, topsoil or any other gardening product. Wash hands after use.
- **Air it out:** TAGRO Mix has an earthy odor that dissipates in a couple of days.
- **Tarp it:** Cover TAGRO Mix with a tarp to protect from rain. It's much easier to work with when dry.
- **Protect surface water:** As with any product containing nitrogen, don't allow TAGRO Mix to leach into any body of water. Please be especially cautious using it in low areas, and keep it away from any seasonal surface runoff areas.