

CYNTHIA HAYNES/Colby Free Press

Raking the lawn and watering the grass are popular springtime activities around Colby. Last week Teresa Gotchall was sprucing up her yard at 480 East Hill for summer.

# Compost and mulch both fertilize and condition soil

For The Associated Press

great soil conditioners, but how do they differ?

Each serves as a time-release fertilizer and insulator.

When augmented with livestock and poultry manure, nutrient-rich compost leaches into the earth and feeds countless microorganisms, earthworms and fungi. With time, watering and mixing, discarded green kitchen scraps, yard litter and garden wastes decay into crumbtextured "brown gold" - a greatly enhanced growing medium.

Mulch, meanwhile, is a protective cover that also works its way into the topsoil. It's made up of natural or synthetic substances - everything from crushed rock and plastic sheeting to wood chips, discarded newspapers and straw.

Mulch minimizes gardening chores by smothering weeds, conserving moisture, eliminating erosion and aerating packed soils. It also protects tender plants from frost away from the house. Decompo- can collect.

and cold in winter, and from evaporation and heat stress in summer.

early spring in layers 1 to 2 inches deep. Coarse mulch then can be layered over the enriching compost to

Both are available for little or no cost, but there are some cautions about their use.

Regarding compost:

- ed a shoulder-high blue spruce on a azaleas and rhododendrons and help hillside several years ago and covered its root ball with a new batch of manure-rich compost. It was too new and too rich. It soon took on the look of a discarded Christmas tree. cide. It was dead, the victim of a too-hot compost and an overeager gardener. The moral of the story? Allow compost to mature before using it.
- Don't introduce weeds into your garden by way of the compost bin. Inspect plant and garden debris before adding it to the pile.
- Place composting sites well

sition often produces unwelcome odors. Decaying mixtures frequent-Compost generally is applied ly attract insects and snakes. The Compost and mulch. Both are as a soil amendment in late fall or operation also might be unsightly. Consider screening it.

- Leaves decay more quickly when shredded. Grass breaks down protect young plants from the ele- faster when turned. Adding such things as seaweed, livestock and poultry manures loads the blend with nutrients. Wood stove ashes contain potassium and sweeten acidic soil. Coffee grounds perk up Beware nitrogen burn. I plant- acid-loving plants like blueberries, loosen compacted ground.
  - Don't spread compost over edible garden crops if any of its components were sprayed with a pesti-

Regarding mulch:

- More is not necessarily better. Mulch can over-winter bark-gnawing voles and other plant-killing critters.
- Don't pile mulch directly against tree trunks or shrubs. It can smother them. Rake it instead into a doughnut-like pocket where water



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