

Using Organic Mile-Hi Rose Feed with added applications of Mile-Hi Alfalfa Meal and Mile-Hi Kelp Meal

***ALFALFA MEAL is recommended as an additive to be used in addition to Mile-Hi Rose Feed.** In early production years, Alfalfa Meal represented a very high percentage of the total product weight. As the introduction of new and improved additives progressed through the years together with a desire to enhance the strength of Mile-Hi Rose Feed, changes and improvements were made always at the expense of Alfalfa Meal. Yet today, Alfalfa Meal continues to do the same job as it has for decades-breaking down when in contact with soil organisms and triggering the release of soil nutrients. A 1980 report by eastern laboratories concluded that Triacontanol is what makes it work. Triacontanol is a naturally occurring straight chain alcohol present in the leaves of many plants, particularly late-year cuttings of alfalfa which are very high in protein. Although alfalfa meal is not a substitute for fertilizer or plant food, when used with Mile-Hi Rose Feed it will produce amazing results. **How much Alfalfa Meal is enough? In conjunction with Mile-Hi Rose Feed about 1 cup twice during the growing season (see chart).** In construction of a new bed, add about 40 pounds per 100 square feet of rose bed. You will enjoy healthier foliage, better stems, more basal breaks and improved overall vigor.

****KELP MEAL is recommended as an additive to be used in addition to Mile-Hi Rose Feed.** Kelp Meal has long been considered our "missing link" to what we feel to be our "perfect fertilizer". In 1993 the Front Range Rose Society toured the Kelp plants of Nova Scotia and, with the help of those manufacturers and the reports of extensive Canadian Test Gardens, conducted its own Colorado trials. The results were conclusive: we needed to add Kelp Meal to our formula. Again, we had the same "upsetting the formula balance problems" as we had with Alfalfa Meal: we could not add as much as we wished. **We therefore recommend the use of Kelp Meal in conjunction with Mile-Hi Rose Feed and Alfalfa Meal** (see chart below). The introduction of Kelp Meal to this area brings "the strength of the sea to the Rocky Mountains". Since the ocean receives runoff from the entire earth, Kelp Meal contains all known minerals, trace elements and vitamins. Known facts about Kelp: It has been harvested as a fertilizer, food and medicine for thousands of years; it has antitoxins to fend off bacteria and viruses and to repel insects in the garden; **it can retain up to ten times its weight in water and therefore serves as an effective source of water during stressful cropping periods**; it is a 100% natural, renewable organic product which draws from the strength of the sea. Mile-Hi Kelp Meal should be applied to the soil in early spring as soon as the soil can be worked. It should also be applied in the fall, as it acts as a slow release compost during the non-growing season. **How much Kelp Meal is enough? When used in conjunction with Mile-Hi Rose Feed about 1/2 cup twice during the growing season (see charts).**

Recommended Application Tables

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Roses - Large, Established

April 15-May 15th

1 cup Mile-Hi Rose Feed **PLUS** 1 cup Mile-Hi Alfalfa Meal **PLUS** 1/2 cup Mile-Hi Kelp Meal

June 15

1 cup Mile-Hi Rose Feed

July 30-August 15

1 cup Mile-Hi Rose Feed **PLUS** 1 cup Mile-Hi Alfalfa Meal **PLUS** 1/2 cup Mile-Hi Kelp Meal

Miniature Roses

April 15-May 15th

1/3 cup Mile-Hi Rose Fee **PLUS** 1/3 cup Mile-Hi Alfalfa Meal **PLUS** 1/6 cup Mile-Hi Kelp Meal

June 15

Omit this feeding

July 30-August 15

Omit this feeding

Instructions: Pull mulch away and spread fertilizer around the bush out to the drip line. Scratch in lightly so that fer-



MILE-HI ROSE FEED is a proven product ...a Colorado developed, remarkably complete and balanced organic fertilizer. *Roses, Annuals, Perennials and Vegetables alike* will thrive on its near perfect blend of plant nutrients, compounds and organic mixtures.

Mile-Hi Fertilizers/Amendments will store indefinitely. Keep in cool place tightly closed.

Computing 1 years' fertilizer needs for 12 large, established rose plants:

- 12 plants X 3 cups = 36 cups annual usage of *Mile-Hi Rose Feed*
- 12 plants X 2 cups = 24 cups annual usage of *Mile-Hi Alfalfa Meal*
- 12 cups x 1 cup = 12 cups annual usage of *Mile-Hi Kelp Meal*