**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during restricted entry interval. The requirements in this box only apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The requirements in this box apply to uses of the product that are not within the scope of the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water. Do not contaminate the root system and protects it from harmful fungi. Actinovate AG is effective in controlling fungal diseases such as Powdery Mildew, Botrytis, Monilinia, and others.

**GENERAL INFORMATION:**

Actinovate AG is a biological fungicide for the suppression/control of root rot and damping-off fungi and the control of foliar fungal pathogens. When used as a soil drench or a seed treatment, soil borne fungi controlled include *Fusarium, Rhizoctonia, Pythium, Phytophthora*, and other root-rot and damping-off fungi. The active ingredient in Actinovate AG colonizes the root system and protects it from harmful fungi. Actinovate AG is effective in controlling fungal diseases such as Powdery Mildew, Botrytis, Monilinia, and others.

**Integrated Pest Management (IPM):** Integrate Actinovate AG into an overall disease and pest management strategy whenever fungicide use is necessary. Follow practices known to reduce disease development. Consult local agricultural authorities for specific IPM strategies developed for your crop(s) and location.

**USE RATE DETERMINATION – Agricultural Use**

Carefully read and follow all label directions, use rates and restrictions. Actinovate AG should be applied prior to or in the early stages of disease development. For proper foliar application, determine the number of acres to be treated, the recommended label use rate and select the appropriate gallonage to give thorough uniform coverage of all plant parts to be protected. For proper soil application, determine the number of acres to be treated, the recommended label use rate and select the appropriate gallonage to give good saturation of the soil in order for the product to establish itself on the root system. For best results apply product solution to damp soil. Prepare only the amount of spray or soil drench solution to treat the measured area. Accurate spray equipment calibration is essential prior to use.

**APPLICATION DIRECTIONS:**

**Compatibility:** Actinovate AG is completely soluble and does not require any admixture to keep it suspended in a solution. Actinovate AG is compatible with chemical fungicides, insecticides and fertilizers. If tank mixes are desired, observe all directions, precautions and limitations on labeling of all products used. Actinovate AG can be tank mixed with all chemical fungicides, insecticides, and fertilizers unless otherwise restricted. Avoid tank mixing with bactericides. Avoid applying bactericides and soil fumigants to the areas treated with Actinovate AG.

Consult manufacturer for compatibility questions.

**Application Timing:** Actinovate AG is very responsive to disease pressure and environmental conditions. For best results use a spreader-sticker (adjuvant) in conjunction with the product. Use 3-12 oz of Actinovate AG in 20-150 gallons of water per acre. Apply initial application prior to onset of disease season. Reapply every 7-14 days depending on disease pressure and environmental conditions. For best results use a spreader-sticker (adjuvant) in conjunction with product application. This product can be used in all types of spray equipment including aerial applications. Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator is responsible for considering all of these factors when making decisions.

**SOIL TREATMENT THROUGH IRRIGATION:** Actinovate AG may be used in drip, overhead or other irrigation systems listed in the “Chemigation Section” at any stage of the plant growth as a soil treatment. Apply 1-12 oz of Actinovate AG in 20-150 gallons of water per acre. Apply initial application prior to onset of disease season. Reapply every 7-14 days depending on water per acre. Apply initial application prior to onset of disease season. Reapply every 7-14 days depending on disease pressure and environmental conditions. For best results use a spreader-sticker (adjuvant) in conjunction with product application. This product can be used in all types of spray equipment including aerial applications. Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator is responsible for considering all of these factors when making decisions.

**SEED TREATMENT:** Prior to planting, dissolve 2-6 oz of Actinovate AG in 4-oz of water and spray directly onto 100 lbs of seed. Do not store excess treated seeds beyond planting time. Dusting and Coating of Bulbs, Cores, Tubers, Rhizomes and Seeds: Prior to planting or shipping, evenly dust bulbs at a rate of 2.6 oz of Actinovate AG per 100-lbs of bulbs, cores, tubers, rhizomes or seeds.

**AGRICULTURAL PRODUCTION**

For soil treatment and seed treatment for the control of Pythium, Rhizoctonia, Phytophthora, Fusarium, and other root decay fungi. For foliar treatment of Powdery Mildew, Botrytis, Monilinia, and other foliar fungi.

**GENERAL INFORMATION:**

Actinovate AG is a biological fungicide for the suppression/control of root rot and damping-off fungi and the control of foliar fungal pathogens. When used as a soil drench or a seed treatment, soil borne fungi controlled include *Fusarium, Rhizoctonia, Pythium, Phytophthora*, and other root-rot and damping-off fungi. The active ingredient in Actinovate AG colonizes the root system and protects it from harmful fungi. Actinovate AG is effective in controlling fungal diseases such as Powdery Mildew, Botrytis, Monilinia, and others.
Crops

Cucurbits: cucumbers, melons, gourds, squash, cantaloupe, and other cucurbits

Fruiting Vegetables: Eggplant, sweet peppers, hot peppers, tomatoes, tomatillos, and other fruiting vegetables

Leafy Vegetables and Cole Crops: Broccoli, brussel sprouts, cabbage, cauliflower, celery, collards, asparagus, endive, kale, kohlrabi, lettuce, mustard greens, parsley, spinach, and other leafy vegetables

Legume and Vegetable Crops: snap and dry beans, lentils, soybeans, and other legume vegetables

Small Grains: Rye, rice, sorghum, millet, and other small grains

Root/Tuber and Bulb Crops: garlic, onions, potatoes, carrots, celery, and other root/tuber/bulb crops

Tropical Fruits: avocados, mangoes, papayas, bananas, plantains, and other tropical fruits

Other Crops: Watercress, Mushrooms, Hops, Ginseng