

PERMANENT DECIDUOUS CROPS

General Information

DIRECTIONS FOR USE:

RNA Microphos 24 is a quick mixing micranized wettable powder foliar nutrient formulated to achieve solution pH of approximately 6.8. RNA Microphos 24 is intended for use as part of a balanced fertility program. To achieve maximum value and avoid phytotoxic accumulation of zinc, recommendations must be based on tissue and soil nutrient analysis.

MIXING: Fill spray tank 1/3 full of water, add RNA Microphos 24, agitate, and continue to add water and spray materials. Fully disperse RNA Microphos 24 prior to adding other spray materials. RNA Microphos 24 should disperse quickly and mix thoroughly. Speed of mixing is dependent upon water temperature and quality. Thorough and even spray coverage is essential for maximum benefit and to prevent spray damage. Do not apply if spray solution will not dry thoroughly within 2 hours of application. Reduce rates by 50% when applied to soft tissue such as leafy vegetables, table grapes, or soft-skinned fruit under stress from rising temperatures or moisture deficits.

Application Timing: Applications may be made throughout the growing season. RNA Microphos 24 is best applied prior to bud formation or flowering or when soil or tissue analysis indicates marginal or deficient nutrient levels. Seasonal growing conditions vary greatly and best results will be obtained by consulting a crop production professional for accurate rates and timing requirements to meet local conditions. **RATES:** Rate recommendations should be based on soil and tissue fertility analyses. Multiple low rate

applications are generally more effective than a single high rate application. Use sufficient water for thorough coverage.

COMPATIBILITY:

When used in cover sprays, do not use with penetrating nonionic surfactants or oil concentrate additives. RNA Microphos 24 may be applied in cover sprays with superior oils when oil rates do not exceed 1 % of spray solution. Always observe applications and adjust the variables of the application to prevent accumulation of the spray deposit at drip points. For maximum crop safety when using a spreader, use an anionic formulation. Do not apply in combination with 2 or more emulsifiable concentrate or oil based pesticide formulations. Always jar test new combinations for compatibility prior to field mixing.

SPECIAL CONSIDERATIONS: Do not apply in spray solution below pH 5.5. Excessive buffering may solubilize metals and cause phytotoxicity to plants and fruit. Always test spray tank pH prior to application.

Limitations, Restrictions, and Exceptions

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May be applied dormant or as a cover spray. Apply up to 25 pounds of RNA Microphos 24 per acre per application. Caution: Visible residue may be detectable, do not apply to fresh market crops within 3 weeks of harvest. Fruit and nut crops may be sensitive to zinc, refer to soil and tissue analysis in order to avoid toxic accumulation of metals. To avoid possible fruit spotting following rainfall, do not apply RNA Microphos 24 to Plums after 50% petal fall.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field_rates 0](#)

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Timings

[Prior to bud formation or flowering or when soil or tissue analysis indicate marginal or deficient nutrient levels.](#)