



RSA Flo Cel™ Zin-Man

Guaranteed Analysis

0 -0 -0

Manganese (Mn) 14.1%

Zinc (Zn) 19.8%

Derived from manganese carbonate and zinc oxide.

Caution

KEEP OUT OF REACH OF CHILDREN

In case of contact with eyes and/or skin, immediately flush with plenty of water and seek medical attention. When handling this product, wear suitable gloves, eye protection and protective clothing.

STORAGE and DISPOSAL

Do not store below 32°F. Store out of direct sunlight. Keep in a cool location out of reach of children and livestock. Dispose of empty containers by triple rinsing and discard empty containers in a landfill in accordance with current local, state, and federal regulations.

PRECAUTIONS

CAUTION: Shake and agitate well before using.

F632

Manufactured For:
RSA MicroTech, LLC
P.O. Box 39
Marysville, WA 98270

Weight per gallon 14.77 lbs (6.70 kg)
Net Contents: 2.5 gal. (9.46 L)
Net Weight: 36 lbs 15 oz. (16.75 kg)
0/E11/4

GENERAL RECOMMENDATIONS

RSA Flo Cel™ Zin-Man can be used to correct and prevent manganese and zinc deficiency. **RSA Flo Cel™ Zin-Man** is recommended for use as a supplement to a well balanced fertilizer program. **RSA Flo Cel™ Zin-Man** is non-phytotoxic when used according to label directions. **RSA Flo Cel™ Zin-Man** will disperse in water with slight agitation. Follow label rates but always use a minimum dilution of 1 part **RSA Flo Cel™ Zin-Man** to 100 parts water. Compatibility: **RSA Flo Cel™ Zin-Man** is formulated to mix with most commonly used pesticides and liquid fertilizer. However, a jar test for compatibility should be performed prior to mixing. Avoid application under extreme climate conditions such as rapid drying, extremely slow drying, frost, rains or when weather fronts or rain are anticipated.

Foliar Rates and Timings

Apple: Apply 1 pint/acre at petal fall and 21 days later if required. For sensitive varieties, delay applications until 6 weeks after pedal fall. Water rate: 100 gal/acre.

Asparagus: Apply 1 pint/acre during vegetative growth and repeat applications at 10 to 14 intervals as required. Water rate: 50 to 100 gal/acre.

Avacados: Apply 1 pint/acre during spring flush and again during summer flush. Water rate: 50 to 100 gal/acre.

Beans (Edible): Apply 1 pint/acre at the start of flowering. Water rate: 20 gal/acre.

Blueberries: 1 pint/acre just before the onset of leaf drop. Repeat the application at bud separation the following fruiting season. Water rate: 30 gal/acre.

Citrus: Apply 0.5 to 1 pint/acre during spring flush and again during autumn flush. Water rate: 50 to 100 gal/acre.

Cranberries: 1 pint/acre applied at bud break and post-harvest. Water rate: 50 gal/acre.

Carrots: Apply 1 pint/acre when plants are 5 inches tall. Water rate: 20 gal/acre.

Cucurbits: Apply 1 pint/acre at 4 to 6 leaf stage and at 10 to 14 day intervals if needed. Water rate: 20 gal/acre.

Lettuce: Apply 1 pint/acre 2 weeks after transplanting or if direct seed after emergence. Water rate: 20 gal/acre.

Onions: Apply 1 pint/acre 2 weeks after transplanting or if direct seed when crop is 6 inches tall. Water rate: 20 gal/acre.

Peanuts: Apply 1 pint/acre at 4 to 6 leaf. Water rate: 20 gal/acre.

Peppers (All): Apply 0.5 pint/acre at transplanting or 3 to 4 leaf stage and again

14 days after bloom and during fruit bulking.

Potatoes: Apply 1 pint/acre after 100% emergence and following petiole analysis during tuber bulking and at 10 to 14 day intervals if needed. Water rate: 20 gal/acre.

Raspberries: 1/2 pint/acre at green bud. Water rate: 50 gal/acre.

Rice: Apply 1 pint/acre at the start of tillering. Water rate: 3 to 5 gal/acre by air and 5 to 20 gal/acre by ground.

Soybeans: Apply 1 pint/acre at 4 to 6 leaves. Water rate: 20 gal/acre.

Stone Fruit (apricot, cherry, nectarine, peach, plum): Apply 1 pint/acre at start of fruit set. Water rate: 100 gal/acre.

Strawberry: Apply 1 pint/acre at green bud. Water rate: 50 gal/acre.

Sugar Cane: Apply 1 pint/acre when cane is 36 inches tall. Water rate: 3 to 20 gal/acre.

Sugar Beets: Apply 1 pint/acre at 4 to 6 leaf stage and at 10 to 14 day intervals if needed. Water rate: 20 gal/acre.

Sunflower: Apply 1 pint/acre at 4 to 8 pairs of leaves. Water rate: 3 to 20 gal/acre.

Tomatoes (Field Grown): Apply 0.5 to 1 pint/acre applied at 4 to 6 leaf stage and at 10 to 14 day intervals if needed. Water rate: 50 gal/acre.

Vines (Grapes): Apply 1 pint/acre at spring re-growth and again during berry fill. Water rate: 50 to 100 gal/acre.

GENERAL RECOMMENDATIONS for DRY FERTILIZER IMPREGNATION

RSA Flo Cel™ Zin-Man can be used to help correct manganese deficiency by impregnation on dry blended NPK fertilizer. Weigh NPK fertilizer blend and transfer into the mixing or blending equipment for impregnation with **RSA Flo Cel™ Zin-Man**.

Rate: 1 to 3 pints per acre. **RSA Flo Cel™ Zin-Man** is best used if not diluted with water. Do not exceed a ratio of 1 to 2 pints of **RSA Flo Cel™ Zin-Man** per 130 pounds of NPK fertilizer per acre. Blend the NPK fertilizer and **RSA Flo Cel™ Zin-Man** allowing adequate time for uniform coverage.

Caution: Do not use **RSA Flo Cel™ Zin-Man** on fertilizer blends where ammonium nitrate exceeds 20% by weight of the blend.

For use on field crops including alfalfa, almonds, apples, barley, beans, berries, broccoli, cabbage, cauliflower, canola, carrots, celery, citrus, corn, cotton, hops, grapes, lentils, lettuce, milo, mint, onions, peas, pears, peaches, peppers, plums, potatoes, sorghum, soybeans, sugar beets, sweet corn, strawberries, tomatoes, turf, turnips, walnuts, and wheat.

Rate of RSA Flo Cel™ Zin-Man / acre	Pounds of manganese per acre	Pounds of zinc per acre
1/2 pint	0.130	0.183
1 pint	0.260	0.365
2 pints	0.521	0.731
3 pints	0.781	1.097

RECOMMENDED RATES AND APPLICATION AS A SEED TREATMENT

RSA Flo Cel™ Zin-Man is formulated as a ready to apply material for soybeans, edible beans, canola, corn, rice, wheat, barley, oats and cereals.

Apply **RSA Flo Cel™ Zin-Man** with a commercial seed treater. **RSA Flo Cel™ Zin-Man** can be mixed with any seed treatments containing insecticides or fungicides provided these products are miscible with water. However, jar test before using will help determine if they are compatible.

Apply **RSA Flo Cel™ Zin-Man** liquid at the rate of 2 to 3.8 fluid ounces per 100 pounds of seed. This rate will result in the application of 0.521 – 0.989 dry ounces of actual manganese per 100 pounds of seed and 0.731 – 1.389 dry ounces of actual zinc per 100 pounds of seed.

Do not use treated seed for food, feed or oil purposes.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.regulatory-info-rsa.com>

Notice of Warranty

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal condition of use. Seller makes no warranties of merchantability or fitness for a particular purpose or any other express or implied warranty except as stated above. Under no circumstances will such warranty extend to the use, storage or handling of this product contrary to the label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller. The buyer shall assume all such risks of such use, including but not limited to crop injury, ineffectiveness, damage to plants, damage caused by drift to other plants or crops, personal injury or other unintended consequences. These consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the seller. In no case shall RSA MicroTech, LLC be liable for consequential, special or indirect damages resulting from the use or handling of this product.