

Monterey Nutrient Buffer 10-12-0 ZNP

CA Reg. No. 17545-50020

COMPOSITION AS SPRAY ADJUVANT

PRINCIPAL FUNCTIONING AGENTS:

Phosphoric acid, iron sulfate,
manganese sulfate, zinc sulfate,
and coconut imidazoline
sodium carboxylate 28.9%

CONSTITUENTS INEFFECTIVE AS

SPRAY ADJUVANT: 71.1%
TOTAL: 100.0%

COMPOSITION AS NUTRIENT SPRAY

GUARANTEED ANALYSIS

10-12-0

Total Nitrogen (N) 10.0%
10.0% Urea Nitrogen
Available Phosphoric Acid (P₂O₅) ... 12.0%
Manganese (Mn) 1.0%
Zinc (Zn) 2.0%

Derived from urea, phosphoric acid,
manganese sulfate and zinc sulfate.

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

**KEEP OUT OF REACH
OF CHILDREN
CAUTION**

FIRST AID

IF IN EYES: Hold eye open and rinse
slowly and gently with water for 15-20
minutes. Remove contact lenses, if
present, after the first 5 minutes, then
continue rinsing. Call a Poison Control
Center or doctor for treatment advice.

IF ON SKIN: Take off contaminated
clothing. Rinse skin immediately with
plenty of water for 15-20 minutes. Call a
Poison Control Center or doctor for
treatment advice.

Have the product container or label with
you when calling a Poison Control
Center or doctor or going for treatment.

ATTENTION: This product contains
chemicals known to the State of
California to cause cancer and birth
defects or other reproductive harm.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes skin irritation. Harmful if
swallowed. Avoid contact with skin, eyes or
clothing. Wear long sleeved shirt, long
pants, and shoes plus socks when mixing
or handling concentrate. Wash thoroughly
with soap and water after handling and
before eating, drinking, chewing gum, or
using tobacco. Remove and wash
contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning
equipment or disposing of equipment
washwaters.

DIRECTIONS FOR USE

MONTEREY NUTRIENT BUFFER 10-12-0 ZNP is
designed specifically as a clear, foliar
nutrient-buffer system containing nitrogen,
phosphorus, zinc and manganese.
MONTEREY NUTRIENT BUFFER 10-12-0 ZNP,
when used as directed, acidifies alkaline
waters while providing a well balanced
supply of foliar nutrients. Urea is utilized as
the sole source of nitrogen to enhance
uptake of all contained nutrients.

MONTEREY NUTRIENT BUFFER 10-12-0 ZNP is
a superior acidifying-buffering agent.
Normal rates of 1-2 pints per 100 gallons
of spray mix will lower the pH of alkaline
water to levels more optimal for maximum
performance of most insecticides. Certain
fungicides may also benefit from the
addition of MONTEREY NUTRIENT BUFFER 10-
12-0 ZNP.

Read and follow the precautions,
restrictions and recommendations on the
labels of pesticides used with MONTEREY
NUTRIENT BUFFER 10-12-0 ZNP. Use according
to the most restrictive label directions for
each product in any tank mix.

COMPATIBILITY: MONTEREY NUTRIENT
BUFFER 10-12-0 ZNP is compatible with most
insecticides and minor elements with the
exception of compounds containing

sabadilla used on citrus. However, if the
desired combination has not been
previously used, a compatibility test is
recommended. Caution should be used
with copper fungicides as this material may
increase their solubility.

MIXING: Shake well before using. Fill spray
tank ½ full of water and begin agitation. Add
the recommended amount of MONTEREY
NUTRIENT BUFFER 10-12-0 ZNP. Add products
as directed by label or in the following
sequence and continue filling tank: (1) Dry
flowables or water dispersing granules, (2)
Wettable powders, (3) Flowables, (4)
Solutions, (5) Emulsifiable concentrates.
Continue agitation until spray solution is
completely mixed. Continuous agitation of
finished spray is recommended. If spray
solution has been allowed to stand,
thoroughly agitate and remix before
application. Thoroughly rinse the spray
system with clean water after use to reduce
corrosion.

RECOMMENDATIONS: A wetting agent or
spreader should be used when applying
MONTEREY NUTRIENT BUFFER 10-12-0 ZNP to
prevent beading of droplets. Avoid making
applications to crops stressed from heat,
drought, salinity, etc.

MONTEREY NUTRIENT BUFFER 10-12-0 ZNP may
be used as a foliar nutrient spray or buffer
adjuvant on all field, fiber, forage, fruit, nut
and vegetable crops.

Alfalfa: For seed formation, apply 1-2 quarts
per acre in 10-30 gallons water just prior to
bloom, followed by 3-4 applications every
10 days.

**Asparagus, spinach, carrots, celery,
garlic, onions, peppers, potatoes,
artichokes:** Apply 1-2 quarts per acre as
needed.

Barley, wheat, rice, milo, oats: Apply 1-2
quarts per acre during early tiller to early
boot stages of growth.

Beans, peas, lentils: Apply 1-2 quarts per
acre just prior to bloom stage.

**Boysenberries, blackberries, straw-
berries:** Apply 1-2 quarts per acre as needed.

Citrus: Apply 1-2 quarts per acre as needed.

Cole crops (broccoli, brussels sprouts, cabbage, cauliflower): Make 1-2 applications at a rate of 1-2 quarts per acre.

Corn: Apply 1-2 quarts in 20 gallons of water per acre. Best periods are when plants are 2"-4" tall and when tassels first appear.

Cotton: Make 1-3 applications starting just prior to main bloom at a rate of 1-2 quarts per acre.

Deciduous fruits and nuts including, but not limited to, almonds, apples, apricots, peaches, pears, plums and walnuts: Apply 1-2 quarts per acre per application in delayed dormant through spring period. Several applications per year are advised. Do not apply as a foliar nutrient spray during bloom.

Grapes: Make 3 applications per year, starting at bloom at a rate of 1-2 quarts per acre.

Lettuce: Make 1-4 applications at 10-day intervals starting at thinning period at a rate of 1-2 quarts per acre.

Melons, cucumbers, squash: Apply 1-2 quarts per acre with maximum concentration of 1-2 quarts to 15 gallons water.

Sugar beets: Apply 1-2 quarts per acre. Several applications at 10-15 day intervals may be justified.

Tomatoes: Apply 1-2 quarts per acre every 10-15 days in the period just prior to and during the fruiting period.

Ornamentals and flower crops: Apply 1-2 quarts per acre in sufficient water to cover.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

STORAGE: Store in original container away from children, animals, foods, feeds and seeds. Handle in accordance with Precautionary Statements. In the event of spillage or leakage, soak up the material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose in accordance with Product Disposal.

PRODUCT DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state or local ACRC recycler, visit the ACRC web page at www.acrcycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

CONDITIONS OF SALE AND WARRANTY

Monterey AgResources (MAR) warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. MAR neither makes, nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, presence of other materials, or other influencing factors, all of which are beyond the control of MAR and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material not in strict accordance with directions given herewith. In no case shall MAR or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by MAR and is accepted as such by the Buyer.

NET CONTENTS: ___ GALLONS / ___ LITERS

Manufactured for:



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