

U.S. LABEL

10012

Reason to Issue: To show crack and crevice treatment in food areas of food handling establishments.

Date of Draft: 11/12/73 (Pre-Reg.) (S)

EPA Reg. No. 3125-281

(R)
BAYGON
OSC
INSECTICIDE
AMENDMENT

To Previously Registered Labeling

Revise as shown:

MIXING: BAYGON OSC insecticide readily mixes with deodorized kerosene or other insecticidal base oil. Combine 16 fluid ounces (one pint) to 3 gallons of oil and mix thoroughly.

Pest Control in Meat Packing and Food Processing Plants, Food Storage Areas and Restaurants:

Non-Food Areas: Apply as a spray to the point of runoff or with a paint brush to floors, walls, ceilings, or other infested areas.

Food Areas: Limited to Crack and Crevice Treatment Only - Apply a small amount of material directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor; wall voids, motor housing, junction boxes or switch boxes, conduits or hollow equipment legs where the insects noted above hide.

Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

Applications of this product in the food areas of food handling establishments, other than as a crack and crevice treatment, are not permitted.

Spraying unloading docks and outside areas where insects congregate will aid in preventing re-infestations. Good sanitation and proper disposal of wastes is essential in any effective insect control program.

Under RESTRICTIONS Delete:

Do not use in edible products areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

ACCEPTED
FEB 6 1974
EPA REG. NO. 3125-281

3135-302
PM12
144

MAY 16 1984

OFFICIAL FILE COPY

Mr. G. E. Russell
Mohay Chemical Corporation
Agricultural Chemicals Division
P.O. Box 4913
Kansas City, MO 64120

Dear Mr. Russell:

Subject: Marestan® 25% Wettable Powder
EPA Registration No. 1125-302
Your Application dated April 24, 1984

Your proposed label changes regarding PR Notices 33-2 and 33-3 and
revision of the Precautionary Statements to include a Statement of Practical
Treatment are acceptable.

Sincerely yours,

BEST DOCUMENT AVAILABLE

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

RD/IRB:DCR-28523:Ellenberger:KIM:Raven:557-2226:RD-57:5/8/84:Del.5/21/84

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

Re-entry Statements.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include these statements found under the label heading "Precautionary Statements" and "Re-entry Statements". Instructions on this label, when oral warnings are given, warnings must be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: **WARNING:** Area treated with MORESTAN 25% Wettable Powder on (date of application). Do not enter without appropriate protective clothing until sprays have dried. If on skin, remove contaminated clothing and wash skin thoroughly with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes. If swallowed, vomiting should be induced. (See Precautionary Statements on label.)

Storage and disposal.

Postlabel Disposal: Do not contaminate water, food or feed by storage or disposal.

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

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Do not store below freezing (32°F). Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store packets in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not use this material for any other purpose. Dispose of pesticides as directed above for spill or leak incidents. Keep unauthorized people away. You may contact the Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemagro at 800-424-8300.

Precautionary statements.

Hazards to humans and domestic animals.

Caution.

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing of spray mist. Wash thoroughly with soap and warm water after handling.

Under conditions of bright sunlight, particularly if wind is present, some persons spraying MORESTAN experience a skin reaction on exposed parts of the body similar to sunburn. When applying sprays containing more than 1/2 lb. MORESTAN 25% Wettable Powder per 100 gal. water it is recommended that sufficient clothing be worn to cover most body areas and that a suitable sun-screen lotion such as Uval (Dome Laboratories) or Solbar (Person and Covey), be applied to body areas necessarily left uncovered such as the neck and face.

Do not contaminate feed or food. Keep out of reach of children.

Statements of practical treatment.

If swallowed, administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of Ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of Ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Get medical attention immediately. If on skin, wash skin immediately with soap and warm water. If irritation occurs, get medical attention. If eyes are contaminated, wash with plenty of water for at least 15 minutes. Get medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

TO PHYSICIANS: No specific antidote is available. Treat symptomatically.

Environmental hazards.

MORESTAN is toxic to fish. Do not apply where runoff is likely to occur. In cleaning of equipment or disposal of wastes, do not contaminate streams, lakes, or ponds with this material.

MORESTAN is a Reg. T of the Patent Company of Farm Products Corp., Kansas City, Missouri.

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BEST DOCUMENT AVAILABLE

Each bag of
MORESTAN 25% W.P.
contains
5
1 pound water
soluble packets.

Morestian

Wettable Powder Miticide-Fungicide Insecticide

MORESTAN
25% Wettable I
Miticide-Fungk
Insecticide
In Water Solub
for effective
control of mite
and powdery n

ACTIVE INGREDIENT:

0-Methyl-1,3-dichloro-4,5-b)

quinoxalin-2-one

INERT INGREDIENTS:

EPA Reg. No. 3125-302-AA
EPA Est. 3125-MO-1

STOP—Read the label

Keep water soluble p
container and store i
place but not below fre

CAUTION.

Keep out of reach of
Other Precautionary Statements.)

AVISO.

PRECAUCION AL USUARIO: Si
leer e entender ingles, no use este p
in espanol o en otro idioma
(TO THE USER: If you cannot read
English, do not use this product until
fully explained to you.)

Dealers should sell in
packages only.

CONTAINS 5 ONE POU
WATER SOLUBLE PAC
TOTAL NET WEIGHT 5

NOCE
with COB
in EPA Lc

MAY 1

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(Fungicide, m
is contained, &
responsible) party
3/28



Mobay Chemical Corporation
Agricultural Chemicals Division
Box 4913, Kansas City, Missouri 64116

MORESTAN

25% Wettable Powder Miticide-Fungicide-Insecticide

Each bag of
ESTAN 25% W.P.
contains
5
1 pound water
soluble packets.

MORESTAN 25% Wettable Powder Miticide-Fungicide- Insecticide In Water Soluble Packets for effective control of mites and powdery mildew.

ACTIVE INGREDIENT:
6-Methyl-1,3-dithio(4,5-b)
quinoxalin-2-one 25%
INERT INGREDIENTS: 75%
100%

EPA Reg. No. 3125-302-AA
EPA Est. 3125-MO-1

STOP—Read the label before use.

Keep water soluble packets in this
container and store in a cool dry
place but not below freezing (32° F)

CAUTION.

Keep out of reach of children

(See Side Panel for Statements of Practical Treatment and
Other Precautionary Statements.)

AVISO.

PRECAUCION AL USUARIO: Si usted no puede
leer o entender inglés, no use este producto hasta que
le expliquen la forma de aplicarlo correctamente.

(TO THE USER: If you cannot read or understand
English, do not use this product until the label has been
fully explained to you.)

Dealers should sell in original
packages only.

CONTAINS 5 ONE POUND
WATER SOLUBLE PACKETS
TOTAL NET WEIGHT 5 POUNDS

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 16 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
3125-302



Möbi Chemical Corporation
Agricultural Chemicals Division
Box 4013, Kansas City, Missouri 64110

Directions for use.

It is a violation of Federal law to use this product in a
manner inconsistent with its labeling.

IMPORTANT: Read these entire Directions and Conditions
of Sale I share using MORESTAN 25% Wettable Powder.

CONDITIONS OF SALE: The directions on this label were
determined through research to be the directions for correct
use of this product. This product has been tested for a range
of weather conditions similar to those weather conditions
that are ordinary and customary in the geographic area
where the product is used. Insufficient control of pests may
result from the occurrence of extraordinary or unusual
weather, or failure to follow label directions. In addition,
failure to follow label directions may cause injury to the crop
to which the product is applied, other crops, animals, man, or
the environment. Mites and the spider mite, and the larger
caterpillars and moths, this product subject to the conditions that
extraordinary or unusual weather, or failure to follow label
directions are beyond the control of Möbi and are, therefore,
the responsibility of the buyer.

MORESTAN 25% Wettable Powder miticide-fungicide is
recommended for residual control of aphids, mites, mite eggs,
and powdery mildew. The formulation mixes readily with water
to form a suspension which is usable in all conventional hand or
machine-operated sprayers. For best results, apply a thorough
coverage before mites or mite eggs are present in large numbers
and before mites cause bronzing of the foliage. Apply
during good drying conditions. (See Restrictions.) Consult
your State Agricultural Extension Service or Experiment
Station for detailed information, on timing of applications for
most effective control.

Mixing.

The enclosed packets containing MORESTAN 25% Wettable
Powder are water soluble. Do not allow packet to become
wet prior to adding to the spray tank. Do not handle with wet
hands. Heed outer bag to protect remaining packets.

To prepare the spray mixture, drop the required number of
unopened packets, as determined under "Recommended
Applications", into the spray tank while filling with water to the
desired level. Operate the agitator while mixing. Depending on
the water temperature and the degree of agitation, the packets
should be completely dissolved within approximately 5 minutes
from the time they were added to the water.

Dosage.

Use specified dosage of MORESTAN 25% Wettable Powder
in the designated amount of water necessary to give complete
coverage of foliage. Determine the total amount of wettable
powder to be added to the spray tank based on the rates under
"Recommended Applications". For each 1 pound (16 ounces)
of wettable powder to be added to the spray tank use one 1
pound packet. For example, if it is determined that 2 pounds (32
ounces) of MORESTAN 25% Wettable Powder should be added
to the spray tank, add two 1 pound packets. The type of equip-
ment used will determine the concentration required; however,
use of these packets is not recommended for making highly
concentrated mixtures such as used in aircraft spraying.

Restrictions.

Under certain adverse weather conditions, particularly
those that create slow drying of spray deposits, injury may
occur to foliage of strawberries and deciduous fruit trees.

Do not use summer oils if MORESTAN is used in the cover
spray program.

Do not use spreader-sticker materials with MORESTAN.
Do not allow sprays to drift onto other crops, including
pastures. Do not graze treated areas.

Do not use on other crops used for food or forage. Use only
according to label directions. Application is at rates above those
shown may result in illegal crop residues. Do not treat food
crops grown in the greenhouse.

Phytotoxicity has occurred on the foliage and flowers of
several varieties of roses, especially during periods of high
temperatures. Treat roses only after cutting and before new
growth appears. Before treating large plantings for the first
time, treat a few plants and observe for 4 to 8 days. Under
certain conditions, some injury to other ornamentals may occur.

8125-302

BEST AVAILABLE COPY

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Recommended Applications.

CROP	PEST	Pounds MORFESTAN 28% WP	REMARKS
BEARING FRUIT Pre-Bloom & Post-Harvest Apples Pears	Powdery Mildew (see NOTE in Remarks) Mites Mite eggs	1/2 to 1	Apply specified dosage per 100 gallons of water in pre-bloom spray (delayed dormant, pre-bloom, or post-bloom). Do not apply after first bloom. Additional applications may be made to two foliage after harvest. NOTE: Pre-bloom sprays with MORFESTAN 28% W.P. will provide effective control of early season powdery mildew infections. No additional fungicides are needed for powdery mildew control during the pre-bloom period. Use other recommended fungicides in post-bloom spray programs for seasonal control.
	Pear psylla	1 1/2	
Apriots (Post-harvest only)	Mites (except cyclamen mite) Mite eggs	4	Apply specified dosage per acre in a minimum of 10 gallons of water per acre by air or 40 gallons of water per acre by ground. For best control thorough coverage of all surfaces is necessary. Make only one application between harvest and up to the time trees break dormancy. Do not graze cover crops.
BEARING CITRUS TREES Citrus (California Only)	Citrus red mite Citrus rust mite Texas citrus mite Mite eggs	1 to 1 1/2	Apply specified dosage per 100 gallons of water as a full coverage spray using 200 to 1000 gallons of finished spray per acre depending upon the number and size of trees. Spray all surfaces, including the underside of leaves for complete coverage. Schedule applications no closer than 180 days apart. Do not harvest within 60 days of last application.
Citrus (Arizona, Texas, and Florida Only)	Citrus red mite Citrus rust mite Texas citrus mite Mite eggs	5	Apply specified dosage per acre by concentrate or dilute ground spray using 20 to 800 gallons of water per acre. Schedule applications no closer than 90 days apart in Texas and Florida, or 180 days apart in Arizona. Allow at least 90 days between last application and harvest.
NON-BEARING FRUIT Apples	Powdery Mildew Mites Mite eggs	1/2 to 1	Apply specified dosage per 100 gallons of water. Spray all foliage surfaces including the underside of leaves for complete coverage. Repeat as necessary. For control of powdery mildew, begin preventive applications before disease appears and apply at 7- to 14-day intervals. During heavy infection periods, make more frequent applications. Do not apply to fruit trees that will bear fruit within one year of application. Apply to strawberries, as required, in propagating beds and in the field during the year of setting new plants but not after first bloom appears in the following year.
Apriots Cherries Nectarines Peaches Pears Plums Prunus Strawberries	Mites (except cyclamen mite) Mite eggs	1/2 to 1	
Citrus	Citrus red mite Citrus rust mite Texas citrus mite Mite eggs	1 to 1 1/2	Apply specified dosage per 100 gallons of water. Spray all surfaces, including the underside of leaves for complete coverage. Repeat as necessary. Do not apply to trees that will bear fruit within one year of application.
NUTS Macadamia Nuts	Mites	1 to 2	Apply specified dosage per 100 gallons of water as a full coverage spray using up to 400 gallons of finished spray per acre depending upon the number and size of trees. Spray all surfaces including the underside of leaves for complete coverage. Three applications per season may be made up to the day of harvest.
Walnuts	Aphids Mites Mite eggs	1 to 1 1/2	Apply specified dosage per 100 gallons of water as a full coverage spray using up to 350 gallons of finished spray per acre depending upon the number and size of trees. Spray all foliage surfaces, including the underside of leaves, for complete coverage. Do not apply more than twice per season or within 30 days of harvest.
ORNAMENTALS Flowers Shrubs	Mites Mite eggs	1/2 to 1	Apply specified dosage per 100 gallons of water (1/2 pound of 28% Wettable Powder per 100 gallons - 1 level teaspoonful per 1 gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. Repeat as necessary.

This concentration is calculated for conventional spraying. When lower volumes of spray are applied per acre as with low-pressure, low-volume, or mist-type equipment, increase the concentration of MORFESTAN in the spray mixture in order to equal amount of MORFESTAN per acre equivalent to a full coverage spray. Refer also to "EQUIPMENT" paragraph.

BEST DOCUMENT AVAILABLE

Storage and disposal.

Pesticide Disposal

Container Disposal

Precautionary statements.
Hazards to humans and
domestic animals.
Caution.

Statements of practical treatment.

Environmental hazards.

CS-200

100-1000

to Web site: <http://www.epa.gov/pesticides>

Each bag of
MORESTAN 25% W.P.
contains
5
pound water
soluble packets.

MORESTAN 25% Wettable Powder Miticide-Zungicide Insecticide In Water Soluble Packets for effective

control of mites and insects.

ACTIVE INGREDIENT	
25% Wettable Powder	25%
INERT INGREDIENT	75%
NET WEIGHT	100

STOP Read the label before use.

Keep water soluble packets in this container and store in a cool dry place but not below freezing (32° F)

CAUTION.

Keep out of reach of children

Keep out of reach of children. Do not use if you are pregnant or nursing.

AVISO.

PRECAUCION AL USUARIO: Si usted no puede leer o entender las instrucciones de este producto hasta que la etiqueta le haya sido explicada completamente

Do not use if you are pregnant or nursing.

CONTAINS ONE POUND
WATER SOLUBLE PACKETS
EQUIVALENT TO FIVE POUNDS

ACCEPTED
with COMMENTS
EPA 100-1000

MAY 16 1984

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Directions for use

It is a violation of the law in the manner inconsistent with its holding.

IMPORTANT: Read the instructions carefully before using MORSE code.

CONDITIONS OF SALE: The directions on this label were determined through research to be the directions for correct use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that commonly occur in the geographic area where the product is used. Insufficient control of pests may result from the presence of extraordinary or unusual weather, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to the crops to which the product is applied, other crops, and the surrounding environment. Mobay and the seller offer, and the buyer accepts and uses, this product subject to the condition that extraordinary or unusual weather, or failure to follow label directions are beyond the control of Mobay and are, therefore, the responsibility of the buyer.

MORESTAN 25⁰, Wettable Powder miticide, funicid, is recommended for residual control of aphids, mites, mealybugs and powdery mildew. The formulation mixes readily with water to form a suspension which is usable in all conventional hand or machine-operated sprayers. For best results, apply at the highest coverage before mites or mite eggs are present in large numbers and before mites cause bronzing of the foliage. Apply during good drying conditions. (See Restrictions.) Consult your State Agricultural Extension Service or Experiment Station for detailed information on timing of applications for most effective control.

Mixing.

The enclosed packets containing MORESTAN 25-1 Water Soluble Powder are water soluble. Do not allow packet to become wet prior to adding to the spray tank. Do not handle with wet hands. Reseal outer bag to protect remaining packets.

To prepare the spray mixture, drop the required amount of unopened packets, as determined under "Recommended Applications", into the spray tank while filling with water to the desired level. Operate the agitator while mixing. Do not stir in the water temperature and the degree of agitation. The contents should be completely dissolved within approximately 15 minutes from the time they were added to the water.

Dosage.

Use specified dosage of MORISTAN 20-W with the powder in the designated amount of water necessary to give the specified coverage of foliage. Determine the total amount of water to be added to the spray tank to obtain the rate of application "Recommended Application" for each 1 pound (16 ounces) of wettable powder to be added to the spray tank. Add 1 pound packet for each pound added to the spray tank. (Example: 1 pound packet for each pound of MORISTAN 20-W wettable powder added to the spray tank will give a 100% concentration of wettable powder in the spray tank.)

Restrictions.

Under section 101(1) of the *Copyright Act*, 1911, the copyright in a literary work vests in the author, and the author is entitled to sue for infringement of his copyright. The defendant in this case was a company which had been formed for the purpose of selling the defendant's own books, and it was found that the defendant had copied the plaintiff's book without his permission. The court held that the defendant was liable for infringement of the plaintiff's copyright.

Study Program

[illegible][illegible]

It is not clear whether the results of this study are generalizable to other populations. The study was conducted in a single, urban, tertiary care hospital in the United States. The study population was predominantly African American and Hispanic, and the majority of the patients were female. The study was limited by the retrospective design, which may have introduced bias. The study was also limited by the lack of a control group, which may have affected the results. The study was limited by the lack of a standardized definition of the outcome variable, which may have affected the results. The study was limited by the lack of a standardized definition of the outcome variable, which may have affected the results.

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

[illegible]

1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets.

[illegible]

Recommended Applications.

[illegible]

UNCLASSIFIED//FOR OFFICIAL USE ONLY

PAGE TWO

UNCLAS//FOUO

11/11/1964

SE.

Control Direction and Land Loss
STAN 25% Wettable Powder

bio Powder miticide-fungicide is control of aphids, mites, mite eggs. Emulsion mixes readily with water. Usable in all conventional hand or For best results, apply a thorough to eggs are present in large num- a bronzing of the foliage. Apply ons. (See Restrictions.) Consult Extension Service or Experiment on timing of applications for

ture, drop the required number of
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rank while filling with water to the
later while mixing. Depending on
e degree of agitation, the packets
ed within approximately 5 or more
ed to the water.

[illegible]

1. The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved.

THE UNIVERSITY OF CHICAGO

Mr. G. F. Brussell
Mobay Chemical Corporation
Agricultural Chemicals Division
P.O. Box 4913
Kansas City, MO 64120

Dear Mr. Brussell:

Subject: Forestan[®] 25% Wettable Powder
EPA Registration No. 3125-302
Your Application Dated April 24, 1984

Your proposed label changes regarding PR Notices 83-2 and 83-3 and
revision of the Precautionary Statements to include a Statement of Practical
Treatment are acceptable.

Sincerely yours,

BEST DOCUMENT AVAILABLE

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

FD/IRR:PCF-28523:Ellenberger:KPL:Raven:557-2226:RD-57:5/8/84:Tel. 5/21/84

3125-302
PM12
174

MAY 16 1984

Mr. G. E. Russell
Mobay Chemical Corporation
Agricultural Chemicals Division
P.O. Box 4913
Kansas City, MO 64120

Dear Mr. Russell:

Subject: Morestan® 25% Wettable Powder
EPA Registration No. 3125-302
Your Application Dated April 24, 1984

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revision of the Precautionary Statements to include a Statement of Practical
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RD/IRB:DCR-28523:Ellenberger:KIM:Raven:557-2226:RD-57:5/8/84:Del.5/21/84

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

Re-entry Statements.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: WARNING: Area treated with MORESTAN 25% Wettable Powder on (date of application). Do not enter without appropriate protective clothing until sprays have dried. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes. If swallowed, vomiting should be induced. (See Precautionary Statements on label.)

Storage and disposal.

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal.

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

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Do not store below freezing (32°F). Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store packets in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Mobay Emergency Response Team, for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrac at 800-424-9300.

Precautionary statements.

Hazards to humans and domestic animals.

Caution.

Irritant if swallowed, inhaled, or absorbed through the skin. Avoid breathing of spray mist. Wash thoroughly with soap and warm water after handling.

Under conditions of bright sunlight, particularly if wind is present, some persons spraying MORESTAN experience a skin reaction on exposed parts of the body similar to sunburn. When applying sprays containing more than 1/2 lb. MORESTAN 25% Wettable Powder per 100 gal. water it is recommended that sufficient clothing be worn to cover most body areas and that a suitable sun-screen lotion such as Unifil ("Dome Laboratories") or Solbar (Parson and Covey), be applied to body areas necessarily left uncovered such as the neck and face.

Do not contaminate feed or food. Keep out of reach of children.

Statements of practical treatment.

If swallowed, administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of Ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of Ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Get medical attention immediately. If on skin, wash skin immediately with soap and warm water. If irritation occurs, get medical attention. If eyes are contaminated, wash with plenty of water for at least 15 minutes. Get medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

TO PHYSICIANS: No specific antidote is available. Treat symptomatically.

Environmental hazards.

MORESTAN is toxic to fish. Do not apply where runoff is likely to occur. In cleaning of equipment or disposal of wastes, do not contaminate streams, lakes, or ponds with this material.

MORESTAN is a Reg. TM of the Parson Company of Fort Lauderdale, Bayside, Florida.

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885004

Each bag of
MORESTAN 25% W.P.
contains
5
1 pound water
soluble packets.

Morestian
25% Wettable Powder Miticide-Fungicide-Insecticide

MORESTAN
25% Wettable
Miticide-Fungk
Insecticide
In Water Solub
for effective
control of mite
and powdery n

ACTIVE INGREDIENT:

6-Methyl-1,3-dithiolo(4,5-b)

quinoxalin-3-one

INERT INGREDIENTS:

EPA Reg. No. 3125-302-AA

EPA Est. 3125-MO-1

STOP—Read the label

Keep water soluble p
container and store i
place but not below fre

CAUTION.

Keep out of reach of
Other Precautionary Statements)

AVISO.

PRECAUCION AL USUARIO: Si
leer e entender inglis, no use este p
le etiqueta le haya sido explicada en
(TO THE USER: If you cannot read
English, do not use this product until i
fully explained to you.)

Dealers should sell in
packages only.

CONTAINS 5 ONE PO
WATER SOLUBLE PAC
TOTAL NET WEIGHT 5

DOSE
with COB
in EPA Lr

MAY 1

Under the Fed
Pesticide, and
on amended, b
registered under
3125



Mobay Chemical Corporation
Agricultural Chemicals Division
Box 4913, Kansas City, Missouri 6

3125-302
304

MORESTAN

25% Wettable Powder

Miticide-Fungicide-Insecticide

In Water Soluble Packets

for effective control of mites and powdery mildew.

ACTIVE INGREDIENT:

6-Methyl-1,3-dithiol(4,5-b)

quinoxalin-2-one

25%

INERT INGREDIENTS: 75%

100%

EPA Reg. No. 3125-302-AA

EPA Est. 3125-MO-1

STOP—Read the label before use.

Keep water soluble packets in this container and store in a cool dry place but not below freezing (32° F)

CAUTION.

Keep out of reach of children

(See Side Panel for Statements of Practical Treatment and Other Precautionary Statements)

AVISO.

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que le expliquen la forma adecuada de emplearlo.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

Dealers should sell in original packages only.

CONTAINS 5 ONE POUND
WATER SOLUBLE PACKETS
TOTAL NET WEIGHT 5 POUNDS

ACCEPTED
with COMMENTS
by EPA Letter Dated

MAY 16 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

312-302

Directions for use.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

IMPORTANT: Read these entire Directions and Conditions of Sale before using MORESTAN 25% Wettable Powder.

CONDITIONS OF SALE: The directions on this label were determined through research to be the directions for correct use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that are ordinary and customary in the geographic area where the product is used. Insufficient control of pests may result from the occurrence of extraordinary or unusual weather, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to the crop to which the product is applied, other crops, animals, man, or the environment. Mobeay and the seller offer, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather, or failure to follow label directions are beyond the control of Mobeay and are, therefore, the responsibility of the buyer.

MORESTAN 25% Wettable Powder miticide-fungicide is recommended for residual control of aphids, mites, mite eggs, and powdery mildew. The formulation mixes readily with water to form a suspension which is usable in all conventional hand or machine-operated sprayers. For best results, apply a thorough coverage before mites or mite eggs are present in large numbers and before mites cause bronzing of the foliage. Apply during good drying conditions. (See Restrictions.) Consult your State Agricultural Extension Service or Experiment Station for detailed information on timing of applications for most effective control.

Mixing.

The enclosed packets containing MORESTAN 25% Wettable Powder are water soluble. Do not allow packet to become wet prior to adding to the spray tank. Do not handle with wet hands. Reseal outer bag to protect remaining packets.

To prepare the spray mixture, drop the required number of unopened packets, as determined under "Recommended Applications", into the spray tank while filling with water to the desired level. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within approximately 5 minutes from the time they were added to the water.

Dosage.

Use specified dosage of MORESTAN 25% Wettable Powder in the designated amount of water necessary to give complete coverage of foliage. Determine the total amount of wettable powder to be added to the spray tank based on the rates under "Recommended Applications". For each 1 pound (16 ounces) of wettable powder to be added to the spray tank use one 1 pound packet. For example, if it is determined that 2 pounds (32 ounces) of MORESTAN 25% Wettable Powder should be added to the spray tank, add two 1 pound packets. The type of equipment used will determine the concentration required; however, use of these packets is not recommended for making highly concentrated mixtures such as used in aircraft spraying.

Restrictions.

Under certain adverse weather conditions, particularly those that create slow drying of spray deposits, injury may occur to foliage of strawberries and deciduous fruit trees.

Do not use summer oils if MORESTAN is used in the cover spray program.

Do not use spreader-sticker materials with MORESTAN. Do not allow sprays to drift onto other crops, including pastures. Do not graze treated areas.

Do not use on other crops used for food or forage. Use only according to label directions. Applications at rates above those shown may result in illegal crop residues. Do not treat food crops grown in the greenhouse.

Phytotoxicity has occurred on the foliage and flowers of several varieties of roses, especially during periods of high temperatures. Treat roses only after cutting and before new growth appears. Before treating large plantings for the first time, treat a few plants and observe for 4 to 5 days. Under certain conditions, some injury to other ornamentals may occur.



Mobeay Chemical Corporation
Agricultural Chemicals Division
Box 4913, Kansas City, Missouri 64120

Recommended Applications.

CROP	PEST	Pounds MORESTAN 25% WP	REMARKS
BEARING FRUIT Pre-Bloom & Post-Harvest Apples Pears	Powdery Mildew (see NOTE in Remarks) Mites Mite eggs	1/2 to 1	Apply specified dosage per 100 gallons of water in pre-bloom sprays (delayed dormant, pre-pink, or pink). Do not apply after first bloom. Additional applications may be made to tree foliage after harvest. NOTE: Pre-bloom sprays with MORESTAN 25% W.P. will provide effective control of early season powdery mildew infections. No additional fungicides are needed for powdery mildew control during the pre-bloom period. Use other recommended fungicides in post-bloom spray programs for seasonal control.
	Pear psylla	1 1/2	
Apricots (Post-harvest only)	Mites (except cyclamen mite) Mite eggs	4	Apply specified dosage per acre in a minimum of 10 gallons of water per acre by air or 40 gallons of water per acre by ground. For best control thorough coverage of all surfaces is necessary. Make only one application between harvest and up to the time trees break dormancy. Do not graze cover crops.
BEARING CITRUS TREES Citrus (California Only)	Citrus red mite Citrus rust mite Texas citrus mite Mite eggs	1 to 1 1/2	Apply specified dosage per 100 gallons of water as a full coverage spray* using 200 to 1000 gallons of finished spray per acre depending upon the number and size of trees. Spray all surfaces, including the underside of leaves for complete coverage. Schedule applications no closer than 180 days apart. Do not harvest within 80 days of last application.
Citrus (Arizona, Texas, and Florida Only)	Citrus red mite Citrus rust mite Texas citrus mite Mite eggs	5	Apply specified dosage per acre by concentrate or dilute ground spray using 20 to 500 gallons of water per acre. Schedule applications no closer than 90 days apart in Texas and Florida, or 180 days apart in Arizona. Allow at least 80 days between last application and harvest.
NON-BEARING FRUITS Apples	Powdery Mildew Mites Mite eggs	1/2 to 1	Apply specified dosage per 100 gallons of water*. Spray all foliage surfaces, including the underside of leaves for complete coverage. Repeat as necessary. For control of powdery mildew, begin preventive applications before disease appears and apply at 7- to 14-day intervals. During heavy infection periods, make more frequent applications. Do not apply to fruit trees that will bear fruit within one year of application. Apply to strawberries, as required, in propagating beds and in the field during the year of setting new plants but not after first bloom appears in the following year.
Apricots Cherries Nectarines Peaches Pears Plums Prunes Strawberries	Mites (except cyclamen mite) Mite eggs	1/2 to 1	
Citrus	Citrus red mite Citrus rust mite Texas citrus mite Mite eggs	1 to 1 1/2	Apply specified dosage per 100 gallons of water. Spray all surfaces, including the underside of leaves for complete coverage. Repeat as necessary. Do not apply to trees that will bear fruit within one year of application.
NUTS Macadamia Nuts	Mites	1 to 2	Apply specified dosage per 100 gallons of water as a full coverage spray* using up to 400 gallons of finished spray per acre depending upon the number and size of trees. Spray all surfaces including the underside of leaves for complete coverage. Three applications per season may be made up to the day of harvest.
Walnuts	Aphids Mites Mite eggs	1 to 1 1/2	Apply specified dosage per 100 gallons of water as a full coverage spray* using up to 250 gallons of finished spray per acre depending upon the number and size of trees. Spray all foliage surfaces, including the underside of leaves, for complete coverage. Do not apply more than twice per season or within 30 days of harvest.
ORNAMENTALS Flowers Shrubs	Mites Mite eggs	1/2 to 1	Apply specified dosage per 100 gallons of water (1/2 pound of 25% Wettable Powder per 100 gallons - 1 level teaspoonful per 1 gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. Repeat as necessary.

*This concentration is calculated for conventional sprayers. When lower volumes of spray are applied per acre as with low-pressure, low-volume, or mist-type equipment, increase the concentration of MORESTAN in the spray mixture in order to apply amount of MORESTAN per acre equivalent to a full coverage spray. Refer also to "DOSAGE" paragraph.

BEST DOCUMENT AVAILABLE