TECHNICAL DATA SHEET

 $A_1 = 1 - 2$, 1.71 $A_2 = 1.71$ $A_3 = 1.71$

MANCODE MARKET Transport to the first wider Astronomical contraction

CHEMICAL COMPOSITION:

Terraner sylven ran drawlender to

STRUCTURAL FORMULA:

H₃C CH₃ CH₃ 7-25-7/

MOLECULAR FORMULA:

 $^{\rm C_6H_{12}N_2S_4}$

240.44

.

1965-52

MOLECULAR WEIGHT:

95% thiram (tetramethylthiuram disulfide)

PHYSICAL FORM:

Pow.ler

COLOR:

ASSAY:

White to crear

SPECIFIC GRAVITY:

1.42

BULKING VALUE:

Approx. 1, D., per cubic foot

STABILITY:

May be stored indefinitely in closed

containers. Keep dry.

SOLUBILITY:

Practically insoluble in water, dilute caustic and gasoline. Soluble in benzene, earbon disulfide, chloroform, methyl 2-

gyrralidone.

COMPATIBILITY:

Compatible with common insecticides and acarreides, such as BHC, DDT, diazinon, dieldrin, EPN, heptachlor, malathion and parathron, and with funcicides and nematicides, such as sathron chloride, captan, VC-13 and

zinch.

:YTLHTAIOZ

Classification of the

POXICOLOGY:

And Oral LD, Mine - 3000 mg/kg.
Railatt. - 3000 mg/kg.

Rat Litting 'kg.

R-A-V-391

R.T. VANDERBILT COMPANY, Inc., 230 PARK AVENUE, NEW YORK, N.Y. 10017

<u>JA-71 15:</u>

Real Charles to be a self Challeren.

offer have a constant of a Decast organic warman, marking the had in box Harrist and respect towards of the third respective all the the regardent increases one Hality

5-25-71

The tradeoute to a to east. Keep out of lakes, streams and tomis. Do not apply when weather conditions rayor drift or ryray from areas treated. Containers should be disposed on by burning. (Keep OUL of SHOKE).

1965-52

Directions For Use As A S, ray All Reposted niations Based on 100 Gallons of Spray Fx wit as Noted

APELES:

Scal - 1 1 3 to 1 1 3 pounds in try-Lloom, calym, and early cover sprays: 3 4 to 1 to 5 pounds later cover sprays.

Rust - Use is all recommendations through tirst cover and include a rechallion hypay of the pound.

ther Distance - Use scale recommendations is long as one or more of the following inseases may appear - Apple Blouch, bitter Rot, Black Pox, Blanc Rob(rr. t and roblage), botry spinaeria Spot, Brooks Spot, Fly Spece and Socry Blotten.

BANAMAS:

Black Rot and Stem End Rot - Caused respectively by Thiolaviopsis and ron dischora and Thielavi were paradoxa - post-harvest application to growns and fruit following removal of stems, 1 1 3 pounds and apply 5 dallons per los trays (4 lbs. sach). Also as a brush application to the sters and howns, ass a constant.

CHERY: Early Blight (Corcospora), Late Blight (Septoria) and Damping-Oit. Plant Beds - 8 10 pound. Apply 15 to 25 gallons/1200 sq. ft. at 3-day intervals.

Fiel: - L. Itel to Florida only. I I lo pounds at 3- to 7- may intervals dejerding on severity of conditions. Do not auply more than 200 gallons or agree. No abolications later than I days before tarm of. Remove selliner by the county transing and washing.

CHACILE:

Brown Fot 1 1 2 to 1 1/3 ; such at 3- to 4-lay intervals during gloom, as starmiall and two wests atom. Analy again one nonth before carried to be weed not assumptions of one of that and at 7-day intervale. No arran bate and later tran 2 day retore correct.

STRAWBERIALS:

Gray Mol. (Botrytis) - 1 1/3 to 1 1/3 pounds using us to 2 0 Gallons acre. Begin at early blossom slave. Repeat at it day intornals as necessary, kemove resoldnes by we hand if approach as are made within 3 days of parking.

TOMATOES:

Botrytis Gray Mold and Rhizoctonia Fruit Rot - I pound when plants are set in the field and at 3- to 5-day intervals. If late blight, gray leaf apot or other foliage diseases are present, use combination of 3/4 pound with 1 1/2 pounds of either maneb or zineb wettable powder.

ORNAMENTAL GRASSES AND ORNAMENTAL TURF:

Large Brown Patch and Dollar Spot - 2 1/2 oz./10 gallons/1000 sq. ft. as a preventive, applied at 7-day intervals throughout the warm season. 3 1/2 oz./10 gallons/1000 sq. ft. as a curative, beginning when disease is first noticed.

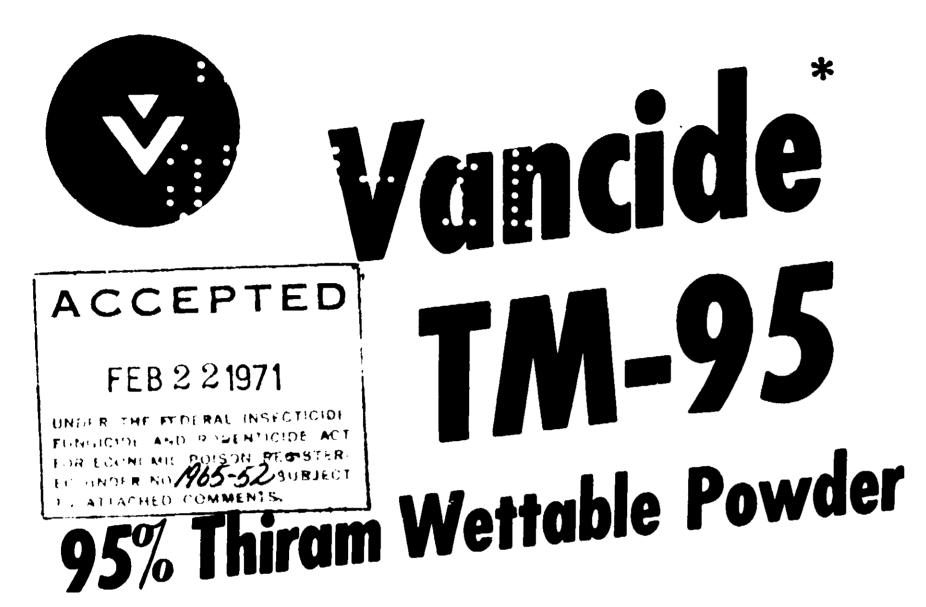
Copper Spot - 2 to 3 oz./5 to 10 gallons/1000 sq. ft. in late spring and repeated at 7- to 10-day intervals. As curative use 3 1/4 oz./5 to 1) gallons/1000 sq. ft. beginning when disease is first noticed.

Damping-Off - 2 1/4 lbs./25 gallons/1000 sq. ft. applied in early spring, and repeated as necessary.

Melting-Out (Helminthosporium Leaf Spot) - 2 1/4 to 3 1/2 oz./5 to 10 gallons/1000 sq. ft., repeating at 7- to 10-day intervals during 45 to 80'F. weather and again in fall.

Snow Mold (Typnula) = 4.1/2 to 6.5z./5 to 10.gallons/1000 sq. ft. in late fall before snowfall and second application of 2 1/4 oz./1011 sq. ft. during spring thaw.

5-25-71



PATENT APPLIED FOR

AGRICULTURAL FUNGICIDE

ACTIVE INGREDIENTS:

THIRAM (TETRAMETHYLTHIURAM DISULFIDE)

95%

INERT INGREDIENTS:

5%

100%

CAUTION: KFEP OUT OF REACH OF CHILDREN. SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS.

MAY CAUSE SKIN IRRITATION. DO NOT INHALE DUST. DO NOT GET IN EYES OR ON SKIN. WASH THOROUGHLY AFTER HANDLING. HARMFUL IF SWALLOWED.

NET WEIGHT 30 LBS.

U.S.D.A. REG. NO. 1965-52

DIRECTIONS FOR USE AS A SPRAY All Recommendations Based on 100 Gallons of Spray Except as Noted

APPLES:

Scab—1½ to 1½ pounds in pre-bloom, calyx, and early cover sprays; $\frac{3}{4}$ to $\frac{1}{8}$ pounds later cover sprays.

Rust—Use scab recommendations through first cover and include a special bloom spray of $\frac{5}{8}$ pound.

Other Diseases—Use scab recommendations as long as one or more of the following diseases may appear—Apple Blotch, Bitter Rot, Black Pox, Black Rot (fruit and foliage), Botryosphaeria Spot, Brooks Spot, Fly Speck and Sooty Blotch.

BANANAS:

Black Rot and Stem End Rot caused respectively by Thielaviopsis endoconidiophora and Thie aviopsis paradoxa—post-harvest application to crowns and fruit following removal of stems, use 0.16% in water at a rate of 5 gallons per 100 trays (40 lbs. each). Also as a brush application to cut stems and crowns, use a 2% paste.

CELERY: Early Blight (Cercospora), Late Blight (Septoria) and Damping-Off.

Plant Beds—0.8 pound. Apply 15 to 25 gallons/1200 sq. ft. at 3-day intervals.

Field—Limited to Florida only. 1.1 pounds at 3- to 7-day intervals depending on severity of conditions. Do not apply more than 200 gallons per acre. No applications later than 7 days before harvest. Remove residues by stripping, trimming and washing.

PEACHES:

Brown Rot— $1\frac{1}{8}$ to $1\frac{1}{3}$ pounds at 3- to 4-day intervals during bloom, at petal-fall and two weeks later. Apply again one month before harvest or when rot is apparent on green fruit and at 7-day intervals. No applications later than 7 days before harvest.

STRAWBERRIES:

Gray Mold (Botrytis)— $1\frac{1}{3}$ to $1\frac{2}{3}$ pounds using up to 200 gallons/acre. Begin at early blossom stage. Repeat at 10-day intervals as necessary. Remove residues by washing if applications are made within 3 days of picking.

TOMATOES:

Botrytis Gray Mold and Rhizoctonia Fruit Rot—1 pound when plants are set in the field and at 3- to 5-day intervals. If late blight, gray leaf spot or other foliage diseases are present, use combination of $\frac{3}{4}$ pound with $\frac{11}{2}$ pounds of either maneb or zineb wettable powder.

ORNAMENTAL GRASSES AND ORNAMENTAL TURF:

Large Brown Patch and Dollar Spot— $2\frac{1}{2}$ oz./10 gallons/1000 sq. ft. as a preventive, applied at 7-day intervals throughout the warm season. $3\frac{1}{2}$ oz./10 gallons/1000 sq. ft. as a curative, beginning when disease is first noticed.

Copper Spot—2-3 oz./5-10 gallons/1000 sq. ft. in late spring and repeated at 7- to 10-day intervals. As curative use $3\frac{1}{4}$ oz./5-10 gallons/1000 sq. ft. beginning when disease is first noticed.

Damping-Off—21/4 lbs./25 gallons or as a dust/1000 sq. ft. applied in early spring, and repeated as necessary.

Melting-Out (Helminthosporium Leaf Spot)— $2\frac{1}{4}$ - $3\frac{1}{2}$ oz./5-10 gallons/1000 sq. ft., repeating at 7- to 10-day intervals during 45-80°F. weather and again in fall.

Snow Mold (Typhula)— $4\frac{1}{2}$ -6 oz./5-10 gallons/1000 sq. ft. in late fall before snow-fall and second application of $2\frac{1}{4}$ oz./1000 sq. ft. during spring thaw.