

General Hazards/precautions

Handling

Wear protective clothing namely; overalls, impermeable hand gloves and boots, and face shield (eye Protection) when preparing the spray mixture, when spraying and cleaning up the spray equipment.

DO NOT inhale the spray mist, **AVOID CONTACT** with skin, eyes and clothing. **DO NOT** spray against the wind and **STAY AWAY** from the spray mist. **DO NOT** smoke, drink or eat when handling.

After Work

Change protective clothing and wash hands and face thoroughly with soap and clean water. Wash the spraying equipment and contaminated clothing carefully.

Storage

Store in original tightly close container in a cool place, safely locked, away from food and animal stuff, children, animal and unauthorized persons.

Disposal

Triple rinse and puncture or crush empty containers before disposal by burying or burning in a safe, authorised place. Do not re-use empty packaging material for any other purpose. Pesticide spray mixture or rinsate that cannot be used **MUST** be disposed off where it cannot contaminate surface water and wildlife

Environmental hazard

Do not contaminate pond and waterways by direct applications, equipment-cleaning water, and disposal of waster or empty containers

First aid instruction

remove the affected person from the danger zone to a well-ventilated room or fresh air, and protect from chilling. Do not administer anything by oral route and to try to make vomit, call a treatment center for poisoning cases or physician. Take the label where possible.

If inhaled: immediately remove to fresh air. Call a physician immediately.

If in contact with skin: remove contaminated clothing and thoroughly wash the affected parts of the body if in contact with eyes: Rinse immediately and thoroughly with plenty of water during at least 10 to 15 minutes. Eyelids should be held away of eyeball to ensure thorough rinsing. Seek medical advice if pain or redness persists.

If swallowed: Call a physician immediately and show the label. Do not induce vomiting.

Notice to users

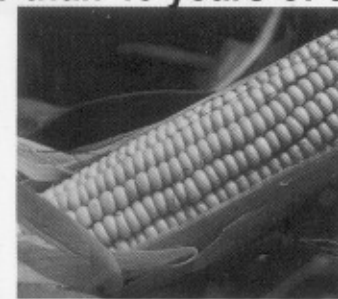
This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Acts to use or store a pest control product under unsafe conditions.

CAPTAN 80 WP

F U N G I C I D E



Original molecule of more than 45 years of excellence



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CAPTAN 80 WP



INTRODUCTION

CAPTAN is a multi-site inhibiting broad spectrum fungicide which can be used as foliar spray, plant dip or seed treatment to control a wide range of diseases on fruits, vegetables, and ornamentals.

CAPTAN is extensively registered around the world including the U.S. and most countries in Asia, Europe, and Latin America. CAPTAN's broad spectrum of activity and low mammalian toxicity have made it a widely accepted fungicide for more than 45 years.

MODE OF ACTION

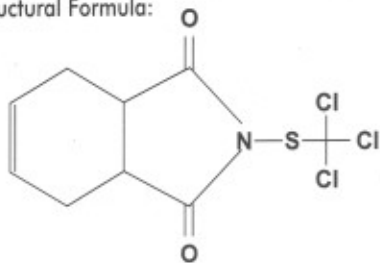
CAPTAN is non-systemic fungicide, which acts on susceptible fungi by interrupting the process of respiration. Because it interferes with a number of chemical reactions during the process of respiration, CAPTAN is called a "multi-site" inhibiting fungicide. While primary a protectant fungicide, it does have some eradicant activity. For example, CAPTAN will control apple scab (*Venturia inaequalis*) up to 16 hours after infection at air temperatures around 17°C (63°F) and up to 48 hours after infection when cooler temperatures prevail. Eradicant sprays are normally followed with a regular protectant program.

CHEMICAL NAME & STRUCTURE

Common name: CAPTAN

Trade Name: CAPTAN (Trade name varies by country)

Structural Formula:



APPLICATION RATE AND TIMING

(Rates vary depending upon crop and local conditions)

APPLICATION METHOD	TYPICAL APPLICATION RATE	APPLICATION COMMENTS
FOLIAR SPRAYS*	1.0 - 4.5 kg ai/ha (1.0 - 4 lb ai/ A)	Apply as dictated by disease pressure. Repeat as necessary
SEED TREATMENT**	0.03 - 0.04kd ai/100kg SEED (6.4 - 6.5 oz. ai /100lb SEED)	Apply CAPTAN Through a conventional seed treater, Or mix CAPTAN and seed in a pail or planter Hopperbox prior to planting
POST HARVEST	0.15kg ai/ 100 L waterIn USA (1.125 lb ai/100 gallons water)	In USA

* Applied in 50 - 4,000 liters of spray per hectare

** If seed is not planted in the treatment year may be carried over to the following year with no effect on germination.

MAIN TARGET DISEASE

APPLICATION METHOD TARGET DISEASE

Foliar Spray Full Season	Scab Anthranose Brown rot Gray mold Downy mildew Leaf spot Late blight
Seed treatment (Early control)	damping ate blight Seeding blight
Pest Harvest (Late control)	gray Mold Storage Disease



COMPATIBILITY

When mixed at labeled use rates, CAPTAN is compatible with most commonly used foliar insecticides and fungicides. This makes CAPTAN a fungicide of choice in a full season program. CAPTAN is not compatible with alkaline materials such as lime-sulfur, spray-lime, and Bordeaux mixtures. CAPTAN will not tank mix with sprayable dormant oils. DO NOT APPLY CAPTAN on apples within 7 days of an oils spray application. When tank mixing, it is always important to start with a clean spray tank one-half full of the amount of water. With the agitation running, always add and fully disperse the CAPTAN; then add adjuvants and liquid products or other wettable powders. Emulsifiable products should be added prior to adding the remaining water to bring the spray tank to the desired volume.