

Label Copy
DOWICIDE A
January 11, 1960

DIRECTIONS FOR USE:

For the control of soft rot and black rot caused by fungi on fresh sweet potatoes during shipment and sales.

Dip, Flood, or spray sweet potatoes in a solution of 0.5% to 1.0% by weight of Dowicide A in water to obtain thorough wetting of all surfaces. A suitable wetting agent may be added to aid in wetting if necessary. By the same token, alkaline materials may be employed (i.e. sodium hydroxide or hexamine) in order to maintain the elevated pH of the washing solution which is desirable to avoid phytotoxicity. Solutions of correct concentrations can be made by dissolving 4.2 to 8.3 pounds of Dowicide A in 100 gallons of water, or by adding 1 part of Vis-Ko, Incorporated liquid formulation, Stop-Mold "B", to either 80 or 42 parts of water.

Non-cured sweet potatoes are best treated at a 0.5% level, while cured roots are most effectively protected at a 1.0% concentration.

To maintain the concentration at the effective level, analyze the treating solution daily and adjust the concentration as necessary. (Analytical method furnished on request) The solution can be maintained at approximately proper strength by adding 1 pint of Stop-Mold "B" or 1/2 pound Dowicide A per 1 1/2 tons of roots treated. When adding solution to maintain level in the tank, use the same strength as the original mixture. NOTE: Adjust strength and add solution frequently.

Following exposure of sweet potatoes to the pesticide solution, roots should be removed and flushed briefly with fresh water.

ACCEPTED

FEB 8 1960

464-78