



ONE FOR THE ROAD

1,4SHIP® is a ready-to-use aerosol dormancy enhancer designed to preserve the quality and freshness of potatoes during long-distance transportation. By restoring a state of dormancy, it ensures that potatoes arrive at their destination in optimal condition.



Key Features

Restores Dormancy

Restores dormancy & helps potatoes retain moisture

Reduced Sprouting

Restores dormancy, delays peeps, & controls sprouts during transportation

Less Bruising

Increases turgidity which protects from pressure bruise & shrink

Increased Shelf Life

Extends the time potatoes can be kept on store shelves

Easy Application

Dispensed directly into a shipping vehicle before transportation

ACTIVE INGREDIENT
1,4-Dimethylnaphthalene
(1,4-DMN)

FORMULATION
Aerosol

PRODUCT PACKAGING
Box of 12-177 mL cans

APPLICATION RATE
Trucks: 2 cans / 20 tonne
Rail cars: 6 cans / 60 tonne

MAX APPLICATIONS
Up to 1 can / 10 tonne



CONTACT US
780 218 7810
info@14group.ca



Benefits

Preserves Quality: Restores dormancy, delays peeps, controls sprouts, and helps potatoes retain moisture. Whether potatoes have been previously treated or not, 1,4SHIP® helps fresh potatoes keep their fresh appearance.

Reduces Losses: 1,4SHIP® promotes firmness and crispness in potatoes during shipping, reducing load rejections and downgrades.

Customer Satisfaction: Extends fresh potatoes' shelf life, supporting customer satisfaction.

Brief Duration: 1,4SHIP® is formulated to replicate a molecule endogenous to potatoes that volatilizes away, making sprout suppression temporary and fully reversible.

Mode of Action

Once applied, 1,4-DMN triggers internal processes within the tubers, affecting protein synthesis and metabolic activity. 1,4SHIP® works by increasing the levels of inhibitory proteins, which help establish a state of dormancy. These proteins degrade over time to baseline levels, at which point the potatoes will begin to sprout unless re-treated.

Simple And Effective

1,4SHIP® is designed for easy use. After loading potatoes into the shipping vehicle, attach the 1,4SHIP® can to the wall or door using the adhesive strip. Activate the fogger and leave the vehicle doors closed for 24-48 hours. The fog will penetrate packaging materials, ensuring even distribution. 1,4SHIP® can be used independently or in conjunction with pre-shipping treatments. Consult with our team for tailored application advice.



Visit
our website

