

METAM SODIUM (OR POTASSIUM) USE DATA

THE INFORMATION WILL BE USED TO REFINE AND REVISE EPA'S RISK ASSESSMENT

ARE YOU A GROWER? yes ARE YOU A CUSTOM/COMMERCIAL APPLICATOR? _____

Please fill out the following questionnaire as completely as possible for a **TYPICAL** season or application.

CROP Pickles/Cucumbers APPLICATION METHOD banded with bed shape & covered with plastic IRRIGATION METHOD drop

(Please use a separate sheet for each crop or application method)

For a typical application, how many people are involved in mixing, loading, and application? 1-2

Are mixing, loading, and application usually done by the same individual? yes

What worker protection equipment is commonly used? rubber gloves, goggles, rubber boots, tyvek suite

How many **days per year** are the individuals doing the mixing, loading, and application handling Metam? 5-6 on average depending on weather

How many **hours per day** are these individuals handling Metam? 1-2

Typical area (acres) treated per day10 Maximum acres treated per day15

Typical application rate (lbs. of Active Ingredient/acre) 12 gal/A Maximum application rate 15 gpa

Method of soil surface sealing Clear plastic over raised bed

For a typical field, what is the frequency of treatment? once every 3 years

For a typical application, how many hours or days are required for Metam treatment? 2-3 days for plastic

What is the typical date of treatment? (Late October, early June, etc) mid April

How many days are there between Metam application and soil tillage or planting? 14-20 days until planting.??? 20 days due to cooler weather

At application, what is the typical soil temperature? 46-52 What is the typical air temperature? Day60 Night45

What are the primary pests you are controlling with Metam? Insects, disease and grass suppression under plastic

Other than Metam, what other pest management strategies do you use? Insecticides through drip and foliar. Fungicides and Herbicides in middle of plastic

(PLEASE TURN TO OTHER SIDE)

Please give a detailed description of the Metam application scenarios that may take place on your operation or under your supervision. Include approximate dates and times, number of people involved, types of equipment used. Give a detailed representation of where the people involved are during the operation and for how long. Give this scenario on a representative time line. i.e. applicators arrive at 7:00 AM with two tractors six workers and an applicator supervisor; irrigation equipment on sight was _____; and continue until the application is completed.

The following application procedures are for banding through a bed shaper and then covering the bed with clear plastic.

The Applicator arrives at the field with a 3-row bed shaper with 4 injection shanks per row and a 100-gallon tank for the Metam sodium. The material is gravity fed into the tank from a 260-gallon mini-bulk shuttle equipped with a shut-off valve and a hose. The loader/applicator is wearing rubber gloves and goggles, respirator and tyvek suit. After loading the tank the Applicator travels across the field in a cab tractor making three treated beds that are immediately covered by clear plastic by two crews of men and two tractors. The beds are covered before any material fumes are allowed to escape and therefore no other workers are exposed to the material. These beds are allowed to set for 14 - 21 days after treatment before being transplanted with pickles or cucumbers.

The whole process to treat 50 acres takes 3-4 days on average depending upon field and weather conditions. The application is made in early to mid-April and weather can be a factor in making an accurate application.

Contact information:

NAME _____

PHONE _____

E-MAIL _____