

## **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 potatoes APPLICATION METHOD sprinkler IRRIGATION METHOD solid set  
**(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? 4

Are mixing, loading, and application usually done by the same individual? no

What worker protection equipment is commonly used? coveralls over full clothing, chemical resistant gloves, footwear, hat, apron, goggles respirator or full-face respirator

How many **days per year** are the individuals doing the mixing, loading, and application handling Metam? 7-10

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

Typical area (acres) treated per day 60 Maximum acres treated per day 100

Typical application rate (lbs. of Active Ingredient/acre) 45 gals of 42% active ingredient fumigant Maximum application rate 50 gals of same

Method of soil surface sealing water

For a typical field, what is the frequency of treatment? once every 6 years

For a typical application, how many hours or days are required for Metam treatment? 7 hours per set

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

How many days are there between Metam application and soil tillage or planting? 5 months

At application, what is the typical soil temperature? 55-65 What is the typical air temperature? Day 65-75 Night 40-50

What are the primary pests you are controlling with Metam? nematode and verticillium wilt

Other than Metam, what other pest management strategies do you use? \_\_\_\_\_

**(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.

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Chemical company truck delivers fumigant to chemical company supplied central tank on our farm. Supply truck is weighed in and out at our farm scale.

6:30 a.m. - A farm employee wearing PPE for hauling and loading fills our 10 wheel transport truck (1600 gallon stainless steel tank) and transports the load to the field tank.

7:00 a.m. - Another farm employee (supervisor) wearing PPE for applicators and handlers starts Set 1 with non fumigant treated water while 2 irrigators in PPE for applicators check the solid set sprinkler birds. Irrigators then leave the field.

7:30 a.m. - Farm employee (supervisor) starts chemical (fumigant) by using positive displacement daphragm pumps to inject chemical into the lines for 6 hours. After 6 hours the chemical is shut off and an hour of non treated water is run to water seal the ground.

2:30 p.m. - The two irrigators wearing PPE turn water off on Set 1 and on for Set 2. Process repeats itself for all other sets.

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**Contact information:**

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