



January 15, 2016

Dennis Will
City of Colorado Springs
Parks and Recreation
Forestry Division
dwill@springsgov.com

Dear Mr. Will:

We are writing this letter in response to our phone conversation on December 11, 2015 regarding your plan for aerial application of Foray 48B in areas West of Colorado Springs for control of tussock moth and spruce budworm. This letter pertains to human health issues only and does not replace or supplement any guidance for watershed protection issued by the Colorado Department of Public Health and Environment's Water Quality Control Division.

In formulating our opinion, we have reviewed the following: 1) Material Safety Data Sheets for Foray 48B from Valent Biosciences, 2) a 2004 USDA human health risk assessment for *Bacillus thuringiensis var. kurstaki* (Btk) which is the active ingredient of Foray 48B, and fact sheets on Btk from the national pesticide network, and 3) fact sheets on Btk from the National Pesticide Information Network and from other state agencies in Oregon and Minnesota. It is also our understanding that your planned application strategies include: 1) application in sparsely populated areas, 2) establishing a 1,000 foot buffer zone to minimize spray drift, 3) closing parks and outdoor public spaces in the application areas during spraying, 4) ensuring favorable meteorological conditions for application (i.e., minimal wind), and 5) multiple methods for informing residents in the application area including public meetings, media stories, and direct contact when necessary.

Taking into consideration the low toxicity of the pesticide and your planned control strategies, it is our opinion that the planned application presents minimal risk for serious health effects. It is possible that people who remain outdoors during the aerial application may experience eye, skin, or respiratory tract irritation. However, these symptoms are expected to resolve once the person is out of exposure. People with allergies, asthma, or a weakened immune system may want to contact their doctor if they cannot stay inside or leave the area during application.

We recommend that residents in the application area, buffer area, and other areas that may be impacted by pesticide drift be informed of the following recommendations to be followed during spraying activities:

- 1) Close windows and doors and shut off air conditioning.

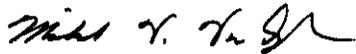


- 2) Cover playground equipment, sandboxes, toys, lawn furniture, pet dishes before the spraying happens.
- 3) Stay inside during and 30 minutes after the spraying.
- 4) Wait until the spray has dried before touching plants.
- 5) Wash skin with soap and water if they have touched the spray before it has dried.
- 6) Call the Rocky Mountain Poison Center 1-877-462-2911 for medical advice if they experience any health symptoms related to contact with the pesticide.

We have put together a public information fact sheet that conveys these recommendations and provides additional information on potential questions related to this pesticide.

Please let me know if we can provide any additional assistance.

Sincerely,



Mike Van Dyke, Ph.D., CIH
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