



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 27, 2024

VIA EMAIL

Yomila Cruz
Office Manager
Poly-Ag Corp
2335 Siempre Viva Ct.
San Diego, CA 92154

Re: Buffer Zone Reduction Request for the "ALTA TIF, 1 mil" tarp

Dear Yomila Cruz:

This letter serves as the response to your request for EPA approval of soil fumigant buffer zone reduction credits for the " **ALTA TIF, 1 mil** " tarp.


The EPA has reviewed the laboratory tarp permeability testing data for this tarp, which was submitted on your behalf by Dr. Husein Ajwa, of the University of California, on May 8th, 2024. Based on the calculated mass transfer coefficients (MTCs) and the corresponding cut points determined by EPA as a basis for assigning buffer zone credits (*DP Barcode 385314. Dawson, Smith and Shelat. "Second Update to Health Effects Division Recommendations for Good Agricultural Practices and Associated Buffer Credits." January 11, 2011*), the tarp qualifies for the following buffer zone reduction credits: 60% for methyl bromide and chloropicrin applications, 60% for chloropicrin applications, 60% for 1,3-dichloropropene and chloropicrin applications, as well as 30% for methyl isothiocyanate applications. The tarp is also approved for use on dimethyl disulfide (DMDS) applications.

The tarp name will be added to the appropriate category on the EPA soil fumigant tarp webpage: <http://www.epa.gov/pesticides/tarpcredits/>

The tarp will also be listed on the webpage for approved DMDS tarps: <http://www2.epa.gov/soil-fumigants/tarps-approved-use-dimethyl-disulfide-dmlds-products>

Please contact me at (202) 566-2224 or at green.tiffany@epa.gov if you have any questions.

Sincerely,



Tiffany Green, Chemical Review Manager
Risk Management & Implementation Branch II
Pesticide Re-evaluation Division
Office of Pesticide Programs

Enclosure:

Review of the permeability test data of a tarp material for various fumigants: ALTA TIF, Poly-Ag Corp. ACB Project #B24-13