

City of Santa Barbara
Integrated Pest Management Advisory Committee
MATERIAL EXEMPTION REQUEST FOR PESTICIDE APPLICATION

Name Lucas Hathaway Department Airport Phone 805-692-6060

Pesticide Applicator (employee or company) Lucas Hathaway Phone 805-692-6060

Application Site Santa Barbara Airport Specific Location Airfield

Date(s) of Application Oct – May 2024-2025 Date of Request 7/9/2024

Product Name Round-Up ProMax Active Ingredient Glyphosate

Type: One-time Programmatic Emergency

Number of Applications: One Other As needed

Product type: Herbicide Insecticide Fungicide Other _____

Application: Ornamental Sports Field Golf Course Vector Control Park Tree Street Tree
 Airport Runways Right of Way City Facility Other _____

Is the pesticide on the *Approved Materials List*? No Yes If yes, provide the color Red

If the pesticide is not on the *Approved Materials List*, provide the following information. Please use the Material Selection Criteria and work with a Certified Pesticide Applicator to determine the estimated color.

EPA Reg # _____ Signal _____ Estimated Color _____

Restricted No Yes/Describe _____

P Waste _____ PBT _____ WA PBT _____ Persistent _____ Mobil _____

Cancer _____ Repro _____ Neuro _____ Endocrine _____

Bird _____ Fish _____ Bees _____ Wildlife _____

Please attach product label and MSDS to this form.

Describe the pest problem.

As a commercial service airport, Santa Barbara Airport is required by 14 CFR Part 139 to maintain unobstructed visibility of lights and signs on the airfield. Airfield lights and signs are used by pilots to safely navigate the airfield during takeoff, landing, and taxiing maneuvers.

Describe the overall management goals and objectives for this site.

The management goal is to ensure the presence of a safe operating environment for aircraft and the flying public through clear communication of critical navigation information provided by airfield lighting and signage.

What is the damage or action threshold for this pest at this site? (The action threshold is the number of pests or level of damage beyond which management action should be taken.)

Visual obstruction of a light or sign when viewed from center of paved surface at a height of 5 feet above ground level.

Describe the monitoring of the pest and potential predators that was conducted and the control methods previously used at the site.

Both chemical and mechanical treatment methods are employed by the Airport to assure compliance with federal regulations. Mechanical treatment is more responsive, but is also more labor intensive and exposes staff to a hazardous operating environment.

Describe how the product would be applied including frequency, concentration, and method of application.

The product will be applied according to label instructions at a 1.5% spray solution. Application will target early in the growing season when plants are small, actively growing, and easier to control. Application will be to the

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minimum area needed to maintain visibility of lights and signs using a hand sprayer to efficiently direct material.

What non-target impacts are anticipated?

No non-target impacts are anticipated. The material will be spot-sprayed and applied with a pressurized handheld or backpack sprayer. Spray will be adjusted to a coarse droplet size to minimize product drift.

How does the use of this product help achieve the site management goals? Note if this is curative or preventative.

This is a preventative effort. Emergent weeds require weekly attention to ensure they do not create a visual obstruction for any of the hundreds of lights and signs on the airfield.

How will the effectiveness of this product be monitored? Include expected results and indicators of success.

Airfield inspections are conducted at least twice daily. Any observed obstructions will be documented and promptly addressed.

Describe what precautions would be used for application. For example consider restricting access, distance from a creek or body of water, degree of runoff, weather conditions, etc.

This site is currently fenced off and will remain inaccessible to the public during and following the herbicide application to the application(s) of Roundup Pro and Surflan A.S. No products will be used within 25 feet of the creek top of bank. The site slopes less than 2 percent toward Tecolotito and Carneros Creeks. This FAA Restricted area is a red zone.

List alternatives considered, alternatives implemented and why they were eliminated.

The alternative method is mechanical control operations on the airfield. Chemical control promotes safety by minimizing worker exposure to the high energy, high decibel, active airfield environment, and prevents unnecessary runway closures required to allow crews and equipment to access safety areas closest to runway edges. Chemical control allows for one periodic application that can be accomplished between aircraft operations. With this approach, weeds are controlled without impacting aircraft operation and with minimal direct staff exposure to a hazardous work environment.

Justification: describe why is applying this pesticide is the best solution and why a less-hazardous chemical, non-chemical option or taking no action is not feasible.

Roundup Pro is the least toxic effective systemic weed control product currently available.

Was outside expertise utilized? No Yes / Describe

Describe future plans to prevent using the chemical again.

Paving of airfield light lanes is an unfunded future project in the City's Capital Improvement Program. Periodic application will be necessary until that project is completed.

Signatures Lucas Hathaway _____
Department IPM Coordinator City IPM Coordinator

Completed by the City of Santa Barbara IPM Staff

Vote Tally _____ Disposition: Approved Denied/Reason _____

If approved, follow the attached best management practices.

Comments: