





SaiRen

Bird Repellent For Airport





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SaiRen Bird Repellent For Airport

Product Creation Background



The increase in air transportation all around the world is creating global competition to meet the high demand. Airports need to find a way to increase safety by minimizing property damage caused by the collision of aircrafts and birds. As such, finding a way to repel birds from airports is emerging as a major global concern.

Ezflex's R&D Direction





Our product is designed to repel all kinds of birds

The retinal stimulation and taste stimulation of the repellent makes the area sprayed with repellent uncomfortable for birds regardless of the size or breed.



We have developed a product that is safe to use around humans and the environment on the runway

We use only 100% natural fragrances to protect humans and the environment.



We made our product convenient to use by utilizing existing equipment

We solved the problem with inconvenience by making it possible to dilute our product with water, meaning consumers could use their own wateringcan or sprinkler to spray after diluting the product with water.

Efficacy Field Test of Product

The product went through three years of field testing conducted at the Air Force Combat Airfield. Both short-term and long-term effects were repeatedly tested for three years starting in 2015.



The test results showed that our product had an excellent repelling effect. The results of the biennial spray testing (no spraying in 2017/ spraying done in 2018) were also clear and proved to be excellent.

+ How to Use

Spray with water mixed at a ratio of 25:1 (ex: Sairen-S 40 kg per 1,000 kg (= 1 ton) of water)

01

Identify the type of birds and their population after visiting the area where the product will be sprayed.

02

Check the climatic conditions for the area where the product will be sprayed. (ex: wind strength and direction, whether it rains or not)

03

Mix at a ratio of 25:1 with water in the watering equipment holding the product.

04

Spray in necessary areas, taking the wind strength and direction into consideration.

05

Spray for three additional consecutive weeks according to the movement of the birds.

06

Check the number of birds and their movement after three consecutive weeks of spraying.

07

Conduct additional spraying if you feel that the current amount sprayed in the area has not produced strong enough results.

08

Closely monitor the migration of the birds and spray the area again when they return. (Typical results show that the birds will return within a week after the first spray.)

09

Conduct additional spraying depending on the population and movement of the birds. In general, additional spraying is recommended every five to eight days to prevent bird access to the area.

Product Details

10, 20kg Packaging

Main Ingredients Natural peppermint oil and a mixture of other natural oils

Liquid Form

How To Use

Spray with water mixed at a ratio of 25: 1 (ex: Sairen-S 40 kg per 1.000 kg (= 1 ton) of water)

Main Usage Areas

Airports, golf courses, plazas, landfills, large areas damaged by birds, etc.

Product Packaging

1, 5, 10, 20 kg (customized packaging is available to meet the needs of each user)

