

# Installation Instructions for Rescaype

## Pre-Installation Information

### 1. Weather Conditions:

- Install in dry conditions.
- Choose less windy conditions to ensure even distribution.

### 2. Dosage Recommendations:

- **Regular treatment:** 9 to 15 kg per hectare (10,000 m<sup>2</sup>).
- **Desalination treatment:** 20 to 30 kg per hectare (10,000 m<sup>2</sup>).
- It is advisable to mix untreated gypsum (CaSO<sub>4</sub>H<sub>2</sub>O) with Rescaype for a cost-effective solution. Treated gypsum (CaSO<sub>4</sub>) can also be used.

### 3. Recommended Equipment:

- Fine seed spreader.
- Pneumatic seed drill
- Agricultural drones.
- Custom solutions mounted on plows have been used effectively.
- Manual installation is possible but not efficient.

### 4. Crucial Post-Spreading Steps:

- **Incorporation into the Soil:** After spreading, it must be harrowed lightly into the topsoil to prevent exposure to sunlight while maintaining effectiveness.
- **Water Activation:**
  - Ideally, plan the installation before natural rainfall.
  - If no rainfall is expected, irrigate three times within seven days.
- **Timing:**
  - Can be applied in autumn after harvest (benefiting from natural rains).
  - Can also be applied before or during sowing.

### 5. Dry Installation Recommendation:

- To ensure even spreading, mix Rescaype with an additional mass material.
- Suggested mix: **1 part Rescaype + 2 parts gypsum or fine sand.**

## Installation Steps

**Before starting,** we recommend consulting with our specialist to determine the correct dosage ratio, appropriate equipment, and optimal application method for your specific conditions.

### 1. Machine Calibration:

- Select the appropriate quantity of Rescaype.
- Test on a 50m section to adjust machinery settings.
- In regular spreaders, adjust the opening and driving speed for even distribution.

### 2. Application:

- Spread evenly over the field.
- Immediately harrow lightly into the topsoil.
- Can be combined with sowing in a single application.

### 3. Water Activation:

- Plan installation before expected rainfall or irrigate the field three times in one week.

## Desalination Instructions

### Pre-Information for Desalination

#### 1. Soil Analysis:

- Before application, conduct a soil quality analysis to determine sodium levels and other elements present in the soil.

#### 2. Dosage Recommendations:

- Apply **25 kg of Rescaype** together with **50 kg of gypsum / calcium sulfate** (maintaining the 2:3 ratio).
- Additionally, apply **1 to 5 tons of untreated gypsum (CaSO<sub>4</sub>H<sub>2</sub>O) / calcium sulfate** for cost efficiency. Treated gypsum (CaSO<sub>4</sub>) can also be used but is more expensive.

### Installation Steps for Desalination

**Before starting**, we recommend consulting with our specialist to determine the correct dosage ratio, appropriate equipment, and optimal application method for your specific conditions.

#### 1. Initial Spreading:

- Spread **25 kg of Rescaype** together with **50 kg of gypsum** evenly over the field.
- Before starting, adjust the machinery as mentioned in the calibration steps above.

#### 2. Separate Gypsum Application:

- Spread **1 to 5 tons of untreated gypsum / calcium sulfate** over the field as evenly as possible.
- **Do not** create a premix of **25 kg Rescaype** with **1 to 5 tons of gypsum**; these steps must be performed separately.

#### 3. Soil Incorporation:

- Harrow lightly into the topsoil to maintain effectiveness. Important here is to protect Rescaype from the UV light.

#### 4. Water Activation:

- Plan installation before expected rainfall or irrigate three times within a week.

By following these desalination steps, you will enhance soil quality and reduce sodium levels effectively, ensuring better conditions for future crops.