



## Lacmus

Orthophosphoric acid, acidity indicator, buffer reagents, adjuvant, water.

The preparation is intended to regulate acidity and to improve the quality of water used to prepare working solutions of plant protection products and agrochemicals.

## Advantages:

- Improves water quality
- Neutralizes water hardness salts and reduces water alkalinity
- Improves stability and homogeneity of the working solution
- Reduces surface liquid tension due to presence of adjuvant
- Increases the overall effectiveness of chemical treatment

## Usage regulations

### Application method

The consumption rate of the product depends on the pH and hardness of the water used to prepare the working solution, and is 50-180 ml per 100 liters of water.

Before use, you should first select the required dose for the specific water in a separate container using the color scale. The optimal pH of the working solution is between 4.5 and 5.5.

For the calculation you will need the following: 1 liter of analyzed water, a 5 ml medical syringe and a Lacmus canister with a label.

You need to fill a syringe with 3 ml of Lacmus and add it drop by drop to the water. The color of the water will change as the product is added.

There is a color scale on the label, according to which you need to bring the color of the resulting solution to yellow. Calculation: to obtain a yellow solution in accordance with the label, we needed 1.7 ml of Lacmus per 1 liter of water. Thus, 100 liters of water will require 170 ml of Lacmus, and 1,000 liters will require 1.7 liters of Lacmus.

**Note:** When used with fertilizers or agrochemicals that also acidify water, pour water into a separate container, add the required amount of fertilizer or agrochemical, and then determine the rate of consumption of the product. This sequence is used for calculation purposes only.

**Important!** Before preparing working pesticide liquids, Lacmus should be added to the water first, and only then the necessary plant protection products should be added.

### **Precautions**

The product has a strong acidic reaction. Avoid contact with skin, eyes or clothes.

When working with Lacmus, all personnel must be provided with special clothes (coveralls and rubber boots) and individual protection (rubber and cotton gloves, breathing masks, goggles).

Personal hygiene rules are to be observed. During work, it is prohibited to store or eat food. It is not allowed to use the product in household conditions.

Secondary use of the containers for domestic needs is prohibited.

It is not allowed to discharge the preparation into water bodies or the sewage system.

## **General information**

### **Storage conditions:**

The product must be kept in its original package ensuring protection against direct sunlight or precipitation.

### **The temperature**

interval for storage is from -20°C to +35°C

**Guaranteed shelf life:** 5 years

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**Volume:** 5 L

**Registrant**

Schelkovo Agrohimi, Russia

**Manufacturer**

Schelkovo Agrohimi, Russia