



PRODUCT INFO
& DATASHEET

Adjuvants

SICO –PH MASTER

pH buffer and sticker, special liquid NP fertiliser – acidifying agent

15/06/2017

1. PRODUCT DESCRIPTION

SICO-PH MASTER is a special liquid NP fertiliser created to support and improve the efficacy of pesticide solutions and fertilizing mixture. When added to spray solution, **SICO-PH MASTER** acts as:

- * **acidifying agent:** lowers the pH to the optimal values required by plant protection products and fertilisers
- * **indicator:** gives solutions a specific colour that changes in relation to the achieved pH

| | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|
| pH 4.0 | pH 4.5 | pH 5.0 | pH 5.5 | pH 6.0 | pH 6.5 | pH 7.0 |
|--------|--------|--------|--------|--------|--------|--------|

- * **adhesive-sticker:** allows nutrients and plant protection solutions to form a thin layer on foliar surfaces to increase adhesion, improving the wettability of vegetation and increasing the penetration of active substances
- * **dispersing agent:** reduces the sedimentation of added products in mixtures

2. PRODUCT SPECIFICATIONS

Composition :

| | <u>% w/w</u> | <u>% w/v</u> |
|---|--------------|--------------|
| Ureic nitrogen (N-NH ₂) | 3.1 | 3.8 |
| Phosphoric anhydride (P ₂ O ₅), soluble in water | 23.7 | 28.7 |

Specification :

Density 1210 g/l

pH 1 – 2

State : liquid

Application : foliar

3. RECOMMENDATIONS FOR USE

Doses are referred to each application

The pH of spraying solutions must be corrected before adding the chemical compounds: add the product to the water while mixing (about 60-80 ml in 100 litres of water to reach pH = 6-6.5).

The dose will change in relation to the desired pH and to the hardness of the water.

To check the obtained pH, simply compare the colour of the solution to the colour scale shown on the label.

Add more product, if required, 20 cc at a time, until the desired pH is obtained.

4. WARNING

Avoid mixing with highly alkaline compounds, mineral oils, sulphur, calcium, copper-based chemical compounds.

5. PACKING

1 l bottle (carton: 16 x 1 l)

6 l can (carton 2 x 6 l)