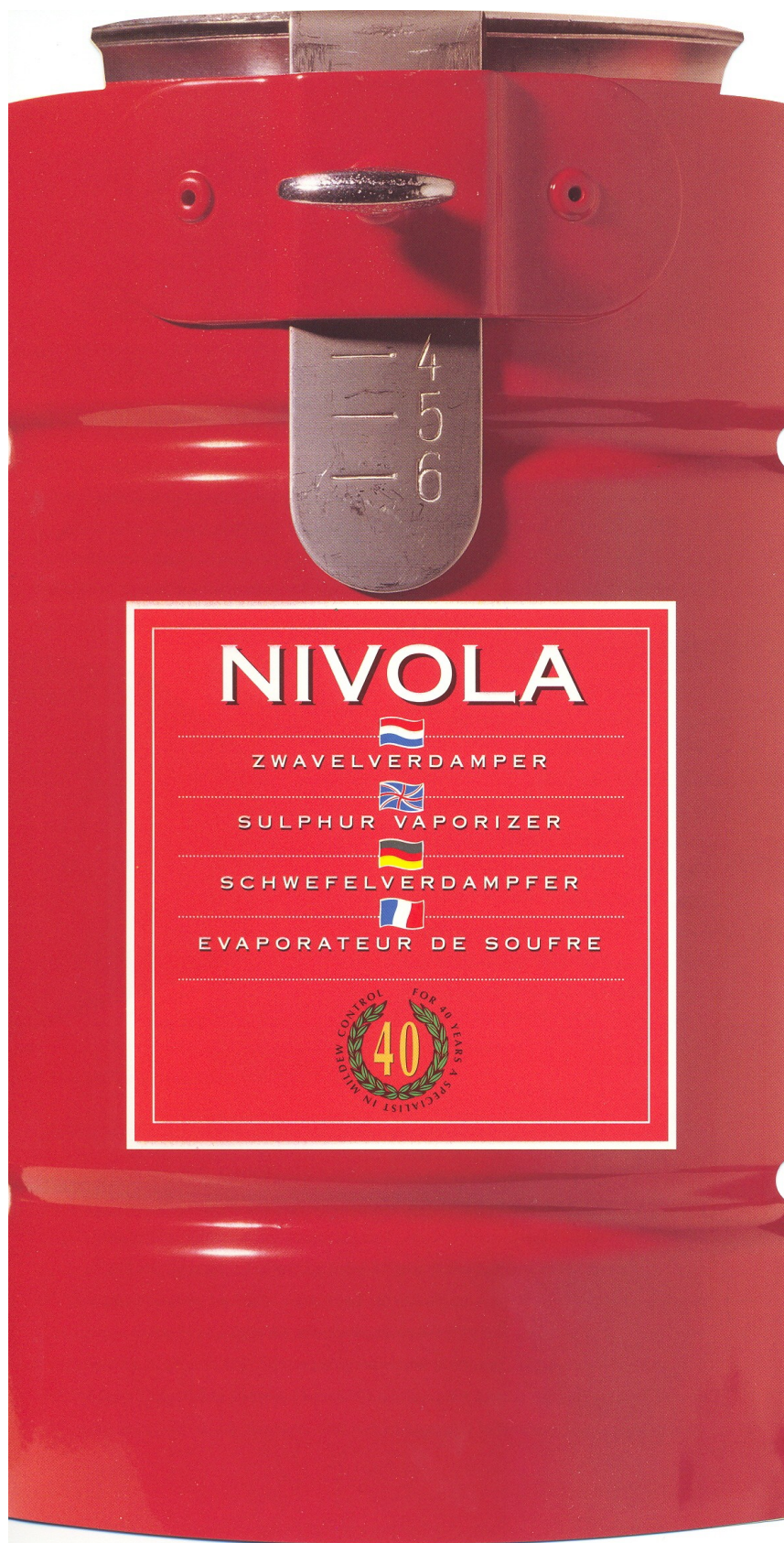


Nivola Sulphur Evaporator



Confidence in Sulphur Vaporization

Mildew Control with Nivola

THE SECRET OF EFFECTIVENESS

Two aspects play a major role in the effective design of an electric sulphur vaporizer:

- Precise temperature setting
- Powerful chimney action

Both aspects complement each other. The mutual coordination of functional production characteristics is the secret of real effectiveness in mildew control.

The design of the Nivola sulphur vaporizer creates a balance between temperature and chimney action that results in optimum reach.

INTERPLAY OF FACTORS

Sulphur vaporization is generally recognized as one of the best methods for the prevention and control of mildew. This solution is moreover in line with the ecological approach taken by the MJPG. The precondition, however, is that the sulphur vapour really reaches every corner, gap and crack. To achieve this, the separate components of the vaporizer must be equal to their job and accurately adjusted to one another. The effectiveness of an electric sulphur vaporizer depends on the interplay of factors which never stand alone. It is only in a sophisticated design that the correct balance can be found between good reach, a high vaporization value per unit of time and in this way, minimal power consumption.

PREVENTIVE ACTION

When it comes to mildew control through sulphur vaporization, the catchword is: Confidence. And the aspect that makes or breaks this confidence is maximum vaporization effectiveness. The absolute precondition is ensuring that the destructive blight of mildew does not rear its ugly head. This preventive action is provided by Nivola sulphur vaporization. This specialized product is backed up by no less than 40 years of experience. All over the world, Nivola's electric sulphur vaporizers have proven their effectiveness in actual practice.



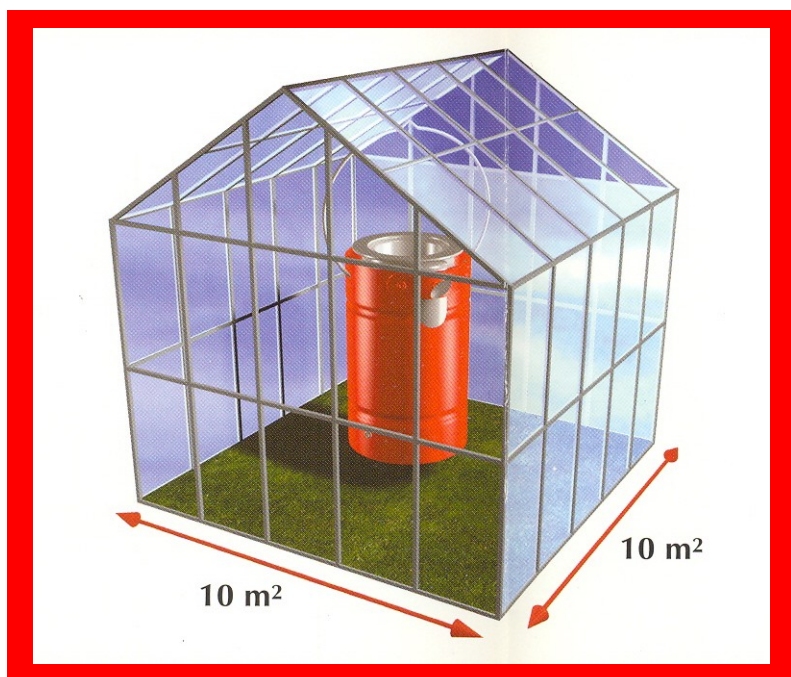
HOW MANY SULPHUR VAPORIZERS DO YOU NEED?

The well-known consultancy for the Dutch agrarian sector, De Landbouw Voorlichting (DLV), makes recommendations for the effective prevention of mildew. A practical study of capsicum cultivation by DLV and Proefstation Naaldwijk (Naaldwijk Testing Station) has shown that for the specific treatment of capsicums, an average of 3 administrations per week of sulphur during a period of 8 hours is sufficient. The recommendation for capsicum production is one 100W Nivola Sulphur Vaporizer per 1000 m². Based on years of experience growers in rose cultivation use one Nivola Sulphur Vaporizer per 100 m².

Important Standardized Values

As a starting point for the above recommendations and the practical experience of growers, standard values are maintained for vaporization reach and the concentration of sulphur in the air. Should a sulphur vaporizer perform below these standards, more vaporizers may be needed per surface area to achieve the same effect. When no account is

taken of this factor, the effect is inadequate and mildew can gain a foothold, with all the accompanying damage and expense. This is good reason to calculate capacity exactly.



In rose cultivation growers use one 100W Nivola Sulphur Vaporizer per 100-120 m² for closable greenhouses and one vaporiser per 80m² for permanently open top vent greenhouses.

These vaporisers are put on a timer for several hours per night and the aluminium cup is set at 3 or 4 on the scale of 1-7. This device can also be used for powdery mildew in crops such as gerbera and tomatoes.

NIVOLA SULPHUR VAPORIZER ACCORDING TO ACCEPTED STANDARDS

For the Nivola Sulphur Vaporizer this capacity calculation is not difficult. As one of the first electric sulphur vaporizers in the world, the Nivola sulphur vaporizer has served for years now as the standard for calculating the useful effect of sulphur vaporization. This is why the Nivola sulphur Vaporizer by definition meets generally accepted standards. In other words, with the Nivola sulphur vaporizer you can always match the standard recommendations of DLV exactly. This is why Nivola can rightly make the claim: confidence in sulphur vaporization.

PRODUCT SPECIFICATIONS

Electrical power:	100W
Mains voltage:	230V or 110V
Element:	ceramic with E-27 fitting
Casing:	Aluminium
Casing bracket:	adjustable in height
Connecting cable:	230 V: 1.75 m, 3 m or 5 m with moulded-on Euro plug 110 V: 1.75 m with moulded-on North-American plug
Available separately:	

Element (100 W) for 230 V mains voltage
 Element (100 W) for 110 V mains voltage
 Aluminium casing
 Ceramic casing (for the evaporation of insecticides)
 Nivola cap reduces sulphur deposits on screens or glass over the sulphur evaporator. The pendant raises the tilting point of the sulphur evaporator and contributes greatly to the stability.

