

# TECHNICAL SHEET

## NUTRIMAC™ / NUTRIMAC – PLUS™



### SUPPORTING PRODUCT: FOOD SUPPLEMENT

Nutrimac™ and Nutrimac-Plus™ are high nutritional alternative food sources to support biocontrol. Nutrimac™ is based on sterile eggs of the Mediterranean flour moth *Ephestia kuehniella*. Nutrimac-Plus™ contains also sterile cysts of the brine shrimp *Artemia spp.* and has a bigger volume.

### TARGET

Nutrimac™ and Nutrimac-Plus™ are used for predatory mirid bugs:

- Macrolophus-System (*M. pygmaeus*), Nesidiocoris-System (*N. tenuis*) and Orius-System (*O. laevigatus*), Majusculus-System (*O. majusculus*) and Insidiosus-System (*O. insidiosus*)
- for both adult and nymph stage
- to boost a population development in release point
- in periods of low prey densities

### CROPS

Nutrimac™ and Nutrimac-Plus™ are applied in a release strategy for predatory mirid bugs in vegetable crops (e.g. tomato, eggplant) and in young plant propagation.

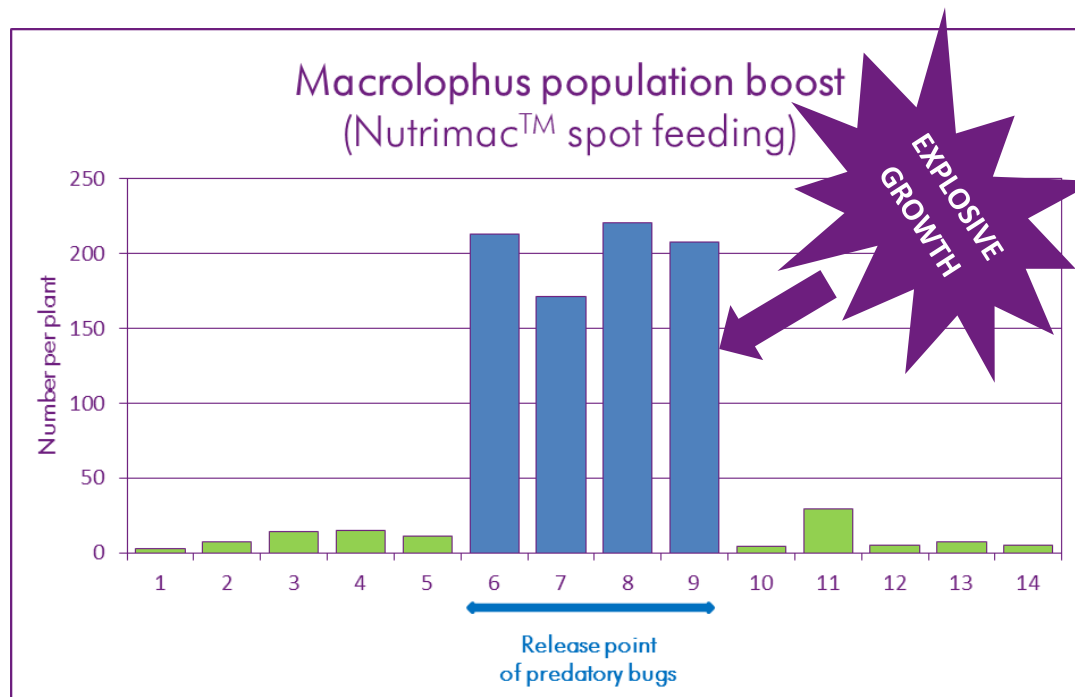
### ADVANTAGES

The use of Nutrimac™ and Nutrimac-Plus™ in release points has many advantages:

- explosive growth of the population
- more off spring of predatory mirid bugs

The bigger volume of Nutrimac-Plus™ also allows row and full field applications.

### EFFICACY



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### PRODUCT

#### Package specifications

Product	Package size	Package content
Nutrimac™	30 ml plastic tube	10 g Ephestia eggs
	100 ml plastic tube	50 g Ephestia eggs
Nutrimac-Plus™	125 ml plastic bottle	10 g Ephestia eggs 50 g Artemia cysts
	500 ml plastic bottle	50 g Ephestia eggs 250 g Artemia cysts

#### Storage and handling

Storage	Shelf-life
Refrigerator	to be used within 5 days
Freezer <sup>(1)</sup>	6 month shelf-life

<sup>(1)</sup> option of frozen transport only available for subsidiaries and distributors

Note: do not (re-)freeze unfrozen products

Nutrimac™



Nutrimac-Plus™



### INSTRUCTIONS FOR USE

#### Application

The standard strategy consists of:

- Using Nutrimac™ or Nutrimac-Plus™ in the release points of the predatory mirid bugs for a period up to 6-8 weeks
- Subsequently, using every 1 – 2 week Artemac™ <sup>(2)</sup> full field to have better population dispersion in the crop.

In propagation nurseries apply Nutrimac-Plus™ full field.

<sup>(2)</sup> Consult also our technical sheet ARTEMAC™

#### Dosage

Products	Mode	Dosage <sup>(3)</sup>	Interval	Frequency	Method
Nutrimac™	Spot feeding	50 - 100 g / ha / application	weekly	6x	Sprinkling
Nutrimac-Plus™	Spot feeding and surrounding	300 – 600 g / ha / application	weekly	8x	Mechanical dispersion <sup>(4)</sup>
	Row and full field				

<sup>(3)</sup> depending on the dosage of predatory bugs

<sup>(4)</sup> blower device such as Makita-BUB182Z with modified nozzle or Birchmeier Bobby