



## Sprayers and Dusters



Supplied by



Guaranteed by Specialists

# retained pressure knapsack sprayers

We offer a wide range of models with capacities of 12 - 16 - 20 litres, in which great care has been taken regarding ergonomics, functionality, technology, aesthetics and the latest requirements for distribution (attractive packaging, 3 year warranty, availability of accessories, spare parts in blister packs etc).

Suitable for use in cultivated plots from 400 m<sup>2</sup> up to large-scale intensive industrial use as they meet the needs of both amateurs and the most demanding professional user.

The pressure is produced by vertical movements of the pump lever which compresses air in the pressure chamber. To maintain the pressure while using the sprayer the lever must be operated every 5-15 steps, depending on the model and speed, something that is easily controlled with the pressure regulator.

All of our knapsack sprayers incorporate:

- |                                |                            |
|--------------------------------|----------------------------|
| PRESSURE REGULATOR.            | 2 PROTECTIVE MASKS.        |
| HERBICIDE NOZZLE OR ACCESSORY. | 2 extra replacement SEALS. |
| 100 ml DOSAGE MEASURING JAR.   |                            |



## models and characteristics





the advice...

**MATABI** never fails; they are **robust and professional equipment, spare parts** are always available. The incorporation of the pressure regulator has been the latest great success. Treatments are more effective, since the combination of the correct nozzle and the appropriate pressure allows me to adjust the consumption of the product in the application of herbicides, fungicides or insecticides. **I save time**, because water **consumption is much lower** and also **effort** because the lever needs to be pumped only when the spraying is cut-off. An invention on a par with **MATABI**.

### pressure regulator

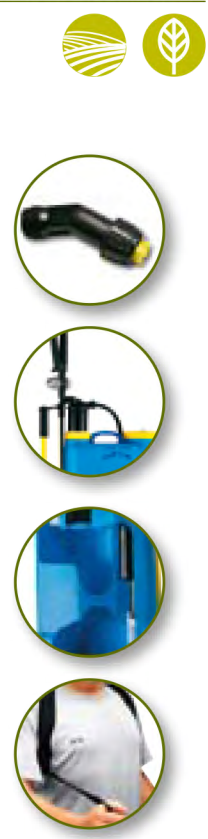


- Uniformity and quality of treatments.
- Reduced water and product consumption.
- Environmentally friendly.
- Reduction of pumping frequency.

<p><b>Function 1.5 bar:</b> Herbicide (with deflective fan nozzle).</p> 	<p><b>Function 3 bar:</b> Insecticide-fungicide (with hollow cone nozzle).</p> 
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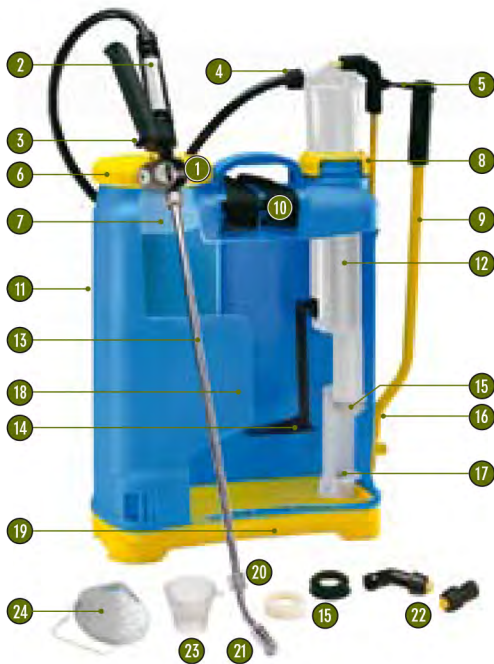
**+**  
**PRO**





### SUPER GREEN 12 • SUPER GREEN 16

- Capacity (total = useful): 12 and 16 litres.
- Pressure regulator (adjustable at 1.5 bar - 3 bar and free pressure flow).
- Herbicide nozzle.
- Attachment clip for pump lever-arm-lance.
- Internal reinforcing rib.
- Adjustable conical nozzle and accessory adapter.
- Adjustable padded straps.



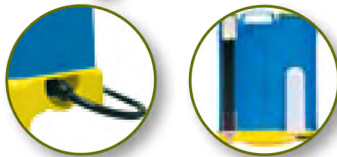
## **i** general characteristics

- 1 Pressure regulator.
- 2 Large filter with viton seals in the lance handle and rustproof spring.
- 3 Shut-off handle fastener.
- 4 Screw-on hose connections to the handle and the chamber without clamps.
- 5 Attachment clip for the pump lever, lance and arm, for easy transport and storage.
- 6 Wide filling mouth. Cover with anti-drip valve.
- 7 Wide, deep filter in filling system with contents indicator.
- 8 Lubricated screw-on guide with sealing washer.
- 9 Pump lever with ergonomic handle.
- 10 Directional straps, strong, adjustable and rustproof.
- 11 External level indicator in litres and US gallons.
- 12 High-capacity, very strong pressure chamber.
- 13 Chromed brass lance (in Super Agro 16-20, Super Agro 2016 and Super 16-20 models).
- 14 Mechanical stirrer with a device for mounting the closing valve (except Super Agro 2016).
- 15 Synthetic seal (viton in Super 16-20 models). Replacement seals, one rubber, one synthetic.
- 16 Reversible, for use with either hand.
- 17 Stainless steel balls in valve and the sleeve.
- 18 Strong tank with carrying handle, and a lightweight, ergonomic design thanks to the back separator. Internal tank reinforcements via structural rib (Super Agro 16-20 and Super Green 12-16 Models).
- 19 Full-width base, shockproof and rustproof.
- 20 Connector for accessories. Orientable lance.
- 21 Adjustable conical nozzle.
- 22 Herbicide nozzle or accessory.
- 23 100 ml Gozper dosage measuring jar.
- 24 2 protective masks to prepare the mixture.

## models and characteristics



**SUPER 16 • SUPER 20**



**SUPER AGRO 2016**



**SUPER AGRO 16 • SUPER AGRO 20**

- Capacity (total = useful): 16 and 20 litres.
- Pressure regulator (adjustable at 1.5 bar – 3 bar and free pressure flow).
- Chromed brass lance and metal handle.
- Ergonomic shape for transport as knapsack.
- Herbicide accessory.

- Capacity (total = useful): 16 litres.
- Pressure regulator (adjustable at 1.5 bar – 3 bar and free pressure flow).
- Internal pressure system with separate piston and chamber
- Adjustable conical nozzle and accessory adapter.
- Herbicide accessory.
- Adjustable padded straps.

- Capacity (total = useful): 16 and 20 litres.
- Pressure regulator (adjustable at 1.5 bar – 3 bar and free pressure flow).
- Adjustable conical nozzle and accessory adapter.
- Eccentric chamber.
- Chromed brass lance.
- Herbicide accessory.
- Adjustable padded straps.

# compression sprayers

Ideal to be used outdoors, from balconies and terraces to cultivated plots and gardens of medium (200m<sup>2</sup>) and large sizes (1,500m<sup>2</sup>) and for crops that, due to its application technique or the difficulty of the terrain, require the hands to remain free and/or do not allow much weight to be carried on the operator's back.

The useful capacity of these models is approximately two thirds of the total volume, since the remaining third must be left available for compressed air. Once pressurised, and after repeatedly operating the pressurisation handle several times (18 to 24 times depending on the model) treatment can start. Attractive packaging.



## models and characteristics



### the advice...

*I always have several sprayers, a 1.5 litre sprayer to treat the flowers on the terrace and another two 7 litre sprayers, one for herbicides and the other one for fungicides. Berry's new range is ideal, the design is not only attractive, but it has many features that make it very convenient: the safety valve, the handle for easy filling, the tank transparency, and the clear instructions on the tank. Gardening is my passion and I can't take any risk when choosing the equipment. I, always choose **MATABI**.*



### BERRY 1,5

- Useful capacity: 1 litre.
- Translucent tank.
- Safety valve.
- Viton closing valve.
- Adjustable conical nozzle.

### BERRY 5 • 7

- Useful capacity: 3.5 and 5 litres respectively.
- Translucent tank to view contents level.
- Extra handle on the tank for easy transport and filling.
- Ergonomic handle with, filter equipped with viton seal and rustproof spring.
- Attractive graphs on the tank with detailed instructions of use, maintenance and safety.
- Ergonomic safety valve and pressure level indicator.



## *i* general characteristics

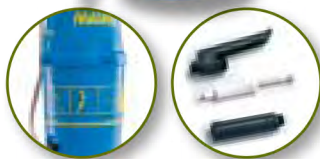
- |   |  |
|---|--|
| 1 Screw-on hose connections to the handle and the tank without clamps.    | 9 External level indicator.  |
| 2 Large filter with viton seals in the lance handle and rustproof spring. | 10 Polypropylene tank, lightweight and very strong.                  |
| 3 Minimum effort ergonomic handle.  | 11 Attachment clips for lance and hose for easy transport.           |
| 4 Easy -to-use pressurisation/carrying handle, pleasant to the touch.     | 12 Shoulder transport strap, wide, strong, adjustable and rustproof. |
| 5 Wide funnel-shaped filling mouth.                                       | 13 Connector for accessories. Orientable lance.                      |
| 6 Fibre glass lance (except Polita 7).                                    | 14 Adjustable conical nozzle.  |
| 7 Safety valve. Automatic release of excess pressure.                     | 15 Illustrations showing start-up and use.                           |
| 8 Pressure release slot. Safety system.                                   | 16 Easy and complete emptying of the tank.                           |
|   | 17 Viton closing valve in the pressure chamber.                      |
|   | 18 Wide base.  |

## models and characteristics



**STYLE 1,5**

- Useful capacity: 1 litre.
- Wide filling mouth.
- Viton closing valve.
- Adjustable conical nozzle.



**STYLE 5 • 7**

- Useful capacity: 3.5 and 5 litres respectively.
- Liquid level indication via transparent hose.
- Ergonomic handle, filter with viton seals and rustproof spring.
- Adjustable conical nozzle and accessory adapter.



**POLITA 7**

- Useful capacity: 5 litres.
- Liquid level indication via transparent hose.
- Easy emptying through lower tank connection.
- Adjustable conical nozzle and accessory adapter.



**KIMA 6 • 9 • 12**

- Useful capacity: 4, 6 and 8 litres respectively.
- Pressure regulator and set of nozzles.
- Adjustable conical nozzle and accessory adapter.
- Hose reel incorporated in the base.
- Foot piece to hold down the unit down while pressurising.
- A 0.42 m extension tube.
- Double strap system for backpack carrying position (Kima 12).

## industrial sprayers

- Specially made with the most resistant materials to be used with diverse chemicals (acids, fuels, disinfectants).
- All seals are made of viton. Fibre-glass lance with metal handle.



NOTE: please request our catalogue for the IK range.

## construction sprayers



the advice of a specialist

Mikel Irizar,  
Olaker Technology Centre Director

As spraying specialists, we must provide solutions in very different fields: agriculture, gardening, industry, public health, automotive, construction... The Constru-plus range is the practical application of the knowledge acquired in the plastic materials field and their compatibility with the diversity of chemical products used in the construction industry: concrete release agents, paint strippers, waterproofing, degreasing agents, and fixatives. With the endorsement of the technical know-how and its testing, all our projects have the aim of the customer satisfaction.



### CONSTRU-PLUS 1,5 • CONSTRU-PLUS 7

- Useful capacity: 1 litre and 5 litres respectively.
- Specifically designed for construction: materials, safety valve, trademark, colours, screen printing, packaging, and instruction booklets.
- Versatility of use: shuttering, waterproofing, concrete-hardening, removing, degreasing, lines fixing, machinery maintenance.

# IK 12 VECTOR CONTROL sprayer



- The IK 12 Vector Control spraying equipment has been specifically designed for the control of vectors (insects) carriers of diseases such as malaria, dengue fever or Chagas.
- Specially designed to facilitate the task of those persons in charge of indoor-residual spraying (IRS) of insecticides and spraying of larvicides in stagnant water. For this reason, the latest international standards have been strictly followed to develop this equipment.
- The equipment is especially strong, safe, efficient, lightweight and comfortable, yet easy to use and maintain. The IK 12 Vector Control is equipped with:
  - Pressure regulator → ensures constant pressure.
  - 2 nozzles for the indoor-residual spraying of insecticides.
  - 1 nozzle for the application of insecticides on highly absorbent surfaces.
  - 1 nozzle for application of larvicides.
- The combination of constant pressure and use of a nozzle specifically designed for that application ensures an efficient spraying of the product. This is how the recommended droplet size is obtained and makes the user's task easier by not having to constantly control the working pressure.
- A service kit with the most commonly requested spare parts is also available. Our wide distribution network guarantees the supply of any other spare part.



## the advice of a specialist

**Geoffrey Njoroge,**  
Goizper's East Africa Sales Office Director

*Using the IK 12 Vector Control for the control of mosquitoes has been an irrefutable success. We have managed to make indoor-residual spraying effective, easy and safe.*

*Constant pressure allows us to use less water to spray the same surface area.*

*The competitiveness of the equipment also allows better management of the financial resources and to widen IRS to other areas affected by malaria.*

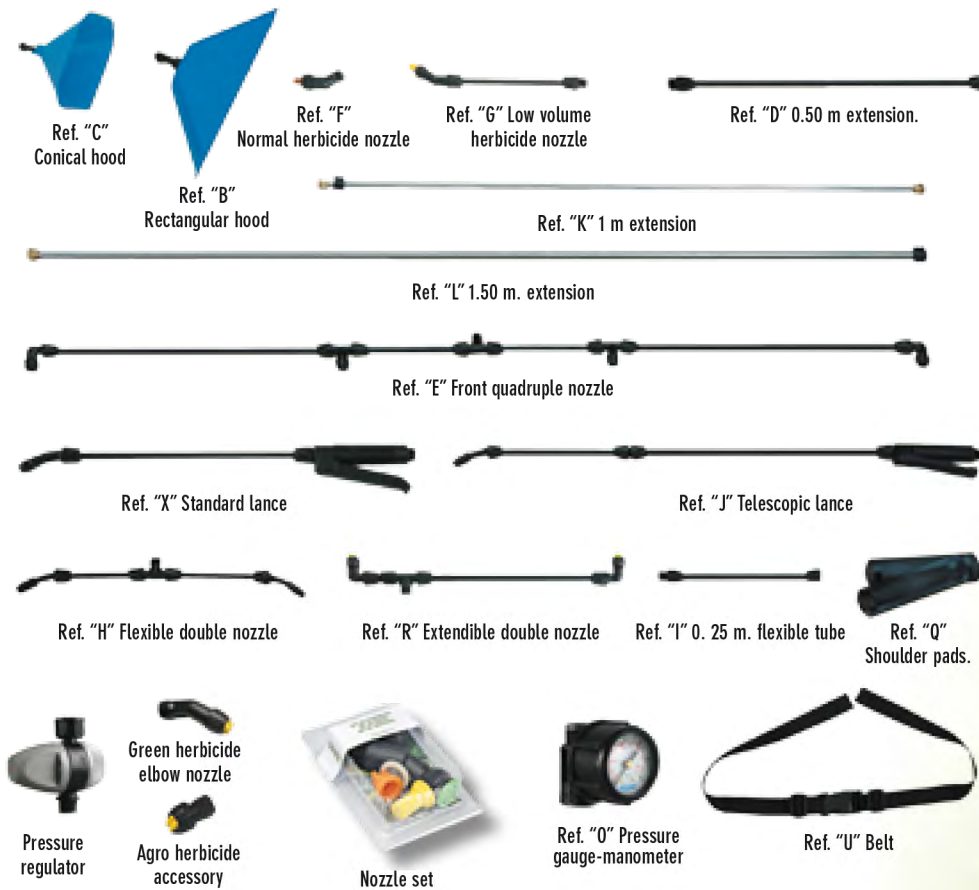
*The transmission of malaria is substantially reduced in the treated areas.*

*It is undoubtedly a breakthrough which will help the community against one of the most serious problems of our continent.*



# optional accessories

List of suitable accessories available for **MATABI** sprayers. The instruction booklet for each model specifies which accessories can be used with it.



## OLAKER R+D Centre

**GOIZPER** founded in 1998 the **R+D Olaker** centre, with a team of researchers dedicated entirely to the development and innovation in the spraying sector. This has allowed us to design specific equipment to meet specific applications: cotton, coffee, cocoa, construction, paint spraying and vector control treatments. ■



Advanced droplet measurement technologies.



Note: please request our catalogue for the GOIZPER nozzles range.

# advises for use

**T**hrough these pages we have attempted to introduce you into the world of manual sprayers and dusters, thus illustrating Goizper's significance as a manufacturer in this field.

We believe that it is essential for our users' satisfaction that all our sales centres have permanent stock and sufficient spare parts always available and trained personnel to offer a proper Technical Service. Training of such personnel is another of our ongoing objectives to guarantee our users a proper maintenance service during the lifetime of their equipment.

Below, you will find the basic rules that should be observed for a safe and correct application of the chemical products that can be used with our sprayers.

## 1. MAINTENANCE TO PROLONG THE LIFE OF THE SPRAYERS.

All our manual sprayers and dusters are designed to be used with herbicides, insecticides and fungicides. In addition to this, our industrial sprayers are designed to be used with various chemical products, oil-based products, diluted acids ...

After each use depressurize the sprayer and clean it with water.

If the nozzle becomes blocked, clean it with water and do not use metallic objects.

If the filter of the handle is clogged, remove it and clean it with water.

Store the sprayer under cover, avoiding freezing temperatures and extreme heat.

To prolong the life of the seals, regularly apply a few drops of oil or grease to the moving parts.

## 2. EFFICIENT AND EFFECTIVE APPLICATION.

Always follow the instructions and the dosages recommended by the manufacturer on the labels of the treatment product to be used.

When using insecticides or fungicides, use the conical nozzle at a pressure of 2 to 3 bar. The results of the treatments will be much more efficient with a fine spray, to reach all parts of the crops treated, including under their leaves.

When spraying herbicides, use a herbicide nozzle at a pressure of 1 to 1.5 bar to avoid drift.

**NOTE:** If the same sprayer is used for herbicides, insecticides and/or fungicides, it is important to wash the entire sprayer including hoses and tubes, before and after each treatment.

## 3. SAFETY RULES AND USES.

To avoid any contamination with the product, do not eat, drink or smoke while handling the treatment products.

Do not use the sprayer on persons, animals, or electric installations.

Do not spray with high winds or extreme heat.

In the event of poisoning, see your doctor, taking the treatment product packaging with you.

Never dispose of waste product or cleaning residues near water courses, wells, etc. intended to be used for human or animal consumption.

Use suitable protective equipment, masks, goggles, gloves, footwear ..., to avoid contact of the treatment products with skin, eyes and mouth.



## symbols



Terraces, plots and gardens



Domestic use



Agriculture



Industrial

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