

# BERTHOUD

SPRAYING SPECIALISTS SINCE 1895



PRODUCTS CATALOGUE  
N°21



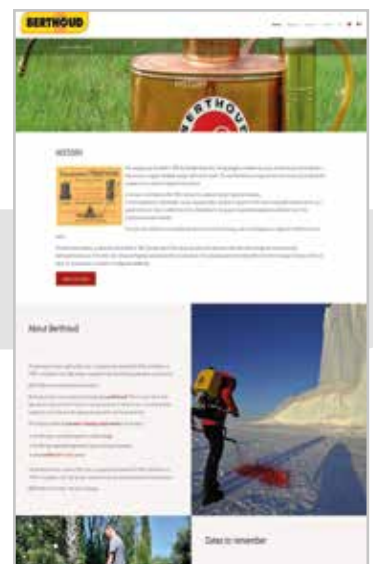
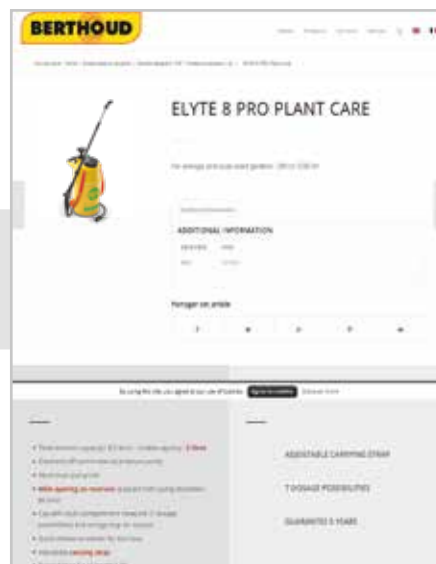
GARANTIE  
GUARANTEE  
**5 ANS**  
YEARS



[www.berthoud.fr/en/](http://www.berthoud.fr/en/)

Ref. 585785

# BERTHOUD WEBSITE



Visit a modern website, with an adaptive design, providing optimum readability, even on a tablet and telephone.

Find our detailed product sheets with technical and practical information and all of the product advantages.

Discover the group's history and advice from the pros so that you can take care of your garden like a professional.

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# SPRAYING SPECIALISTS SINCE 1895

**1895** : Company founded by Paul Berthoud who wanted to industrialize the production of copper knapsack

**1938** : The second generation Ferdinand and Jean Berthoud, his two sons, joined the company in turn.

**1956** : Arrival of the third generation with cousins Guy and Didier whose priority is to attack the home market with a specific range «Flori-Leisure».

**1969** : Centralization of all services (production, sales, despatch) in Villefranche-sur-Saône (France)

**1987** : The company is taken over by Patrick Ballu and joins EXEL Industries, world leader in spraying.

BERTHOUD has become one of the strongest links in HOZELOCK-EXEL by being for many years the undisputed leader of the French market (in value).

Berthoud products are recognised as being highly professional. This is in part due to their agricultural origins and their long term market presence. It will come as no surprise that the company's core clients are the experienced gardener and the professional.

The company meets its customers' exacting requirements in three ways:

- by offering an unrivalled breadth or product range
- by offering impeccably engineered, high-performance sprayers
- by offering excellent after-sales service



Beaujolais



For more information visit our website :

**[www.berthoud.fr/en/](http://www.berthoud.fr/en/)**



# BERTHOUD'S GRAPHIC IDENTITY

Berthoud's graphic charter for packaging has been reviewed in order to provide products with better visibility and readability. In coherence with Berthoud's brand image, the new packaging highlights more technical information and the associated consumer advantages in order to enhance the differences with regards to the competition.



**Modernisation of the BERTHOUD charter, still oriented towards PREMIUM positioning**

**Communication on the strong points of the BERTHOUD brand:**

- 100% made in France
- Ultra-high performance Customer Service in France: 5-year warranty and spare parts availability for at least 10 years after marketing of a model stops
- Unique technical concepts on the sprayer market

**Clear segmentation of the range** according to use (Plant Care, DIY or Cleaning & Disinfection) to help consumers make their choice.



# Complete compatibility of our entire BERTHOUD sprayer offering with the new natural products available on the French market in addition to phytosanitary products.

Since 1 January 2017, self-service sales of chemical pesticides to amateur gardeners has been prohibited in France. Biocontrol products or those with a low risk are not concerned by this measure. Since 1 January 2019, the sale of chemical pesticides is prohibited for private individuals.

All of our Berthoud sprayers are **adapted for spraying phytosanitary products** authorized for professionals and natural products for individuals, which are sometimes more aggressive chemically, thanks to the following measures set up:

- **Static and dynamic tests** conducted across all of the garden product brands (Natria, Neurdooff, Naturen, Clairland ...)
- Adaptation of our seals: **reinforced seals** in order to provide compatibility with the new natural products



## Precautions to be taken in order to guarantee optimum service life for your sprayer:

- **Rinse the device well after each use**
- **Grease the sprayer's seals twice a year (see instructions)**

## Quality products for reliable and efficient sprayers



### Sprayers manufactured in France

All our sprayers are manufactured in our factory in France. The quality of the components and their assembly, the rigorous monitoring at all stages of manufacturing and the systematic tracking are all measures to ensure high quality, durable and reliable products.



### Durable products

Berthoud guarantees their manual knapsack sprayers and compression sprayers over 2L for 5 years (under the conditions specified in the equipment's user manual for products sold since September 1st 2007 except mistblowers and pulvexel ranges).



### A priority : Quality

The company is certified ISO 9001 version 2015, a guarantee of quality procedures at each stage of the design, manufacture and distribution of our sprayers..



### A performing after sales service

All our products are repairable thanks to our After Sales Service which guarantees the availability of spare parts for at least 10 years after the end of the products commercialization.





**F1**



Handhelds are lightweight, small and primarily designed for the treatment of indoor and outdoor plants but come in just as handy for such household chores as :

- dampening the laundry prior to ironing
- window cleaning
- spraying pets with treatments
- localized weeding ...



**F1**

**101135**

## For the house, the garden and for DIY

- Polyethylene reservoir with graduated gauge : capacity 1 L
- Watertight neck
- Swirl nozzle with adjustable and sealable jet
- Large base for good stability (even when empty)
- Sealable nozzle that can be locked ("child safe")
- Full-grip trigger



## TIP N°1

"Never spray in very hot weather."



**F1 PLUS**

**101210**

## With wide opening for the garden

- Polyethylene reservoir with graduated gauge capacity : 1 L
- Cylindrical shape with 'full opening' (screw top)
- XL' high-performance sprayer head
- Swirl nozzle with adjustable jet



"Avoid spraying between 10.00 AM and 6.00 PM. The best time for spraying is in the evening after 8.00 PM or early in the morning when the plants open and breathe."



## ELYTE 2



### ELYTE 2 - Plant care

101750

#### Balconies, terraces and small gardens

- Translucide and graduated tank. Total capacity : 2L
- Ergonomic knob for an easy pressurizing
- Pump with metal rod
- Bloquable handle for a continuous spraying
- Anti-theft nozzle with brass insert
- Tank with large opening for easy filling and emptying
- Ribs at the bottom for an easy opening and closing

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YEARS



### ELYTE 2 - DIY

101751

#### For the house and DIY

- Translucide and graduated tank. Total capacity : 2L
- Ergonomic knob for an easy pressurizing
- Pump with metal rod
- Bloquable handle for a continuous spraying
- Anti-theft nozzle
- Tank with large opening for easy filling and emptying
- Ribs at the bottom for an easy opening and closing
- Viton seals for use with aggressive products

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GUARANTEE  
**2 ANS**  
YEARS



#### TIP N°2

"Small sprayers can be used for spot treatment of individual plants.

Using several sprayers avoids mixing products, in particular mixing weed killers with pesticides/ fungicides."

| Article name | Reference | EAN code      | Item weight (kg) | Box     |                           |             | Palette                   |           |                 |
|--------------|-----------|---------------|------------------|---------|---------------------------|-------------|---------------------------|-----------|-----------------|
|              |           |               |                  | N°Units | Dimensions W x D x H (mm) | Weight (kg) | Dimensions W x D x H (mm) | N° layers | N°Boxes / layer |
| F1           | 101135    | 3176241011352 | 0,12             | 28      | 800 x 400 x 250           | 4,34        | 1200 x 800 x 2150         | 8         | 3               |
| F1 Plus      | 101210    | 3176241012106 | 0,22             | 12      | 710 x 320 x 330           | 3,10        | 1200 x 800 x 1800         | 5         | 4               |
| ELYTE 2      | 101750    | 3176241017507 | 0,60             | 6       | 295 x 400 x 320           | 4,00        | 1200 x 800 x 1700         | 8         | 6               |
| ELYTE 2 DIY  | 101751    | 3176241017514 | 0,60             | 6       | 295 x 400 x 320           | 4,00        | 1200 x 800 x 1700         | 8         | 6               |





## FLORALY "OPTIMA"



### Sprayers that are easy to use for maintaining small and medium sized gardens

Based on Berthoud's extensive experience, the Floraly Optima range represents the best value for money in the market. This new range is characterised by innovations which bring numerous improvements in terms of ease of use, safety and comfort. The range is available in 3 formats : 3-litre, 5-litre and 8-litre, usable capacities, and also comes in a 'DIY' version with resistant seals.

The FLORALY Optima range, combined with the BERTHOUD range of accessories, allows all requirements to be met in both the field of «plant protection» and DIY.

Professional nozzle with integrated nut. Practical to use and easy to change

Polypropylene pump handle and rod

High-resistance braided hose 8 x 12

Hose nozzle with swing-joint connection

Adjustable carrying strap  
Quick-fastening clips

External gauge graduated in litres and US gallon

Translucent tank in resistant injected polypropylene

Fixed pressure pump for user's safety and high mechanical resistance

Multi-purpose nozzle holder with adjustable jet and integrated swirl plate

Aluminium lance with storage clip

Measuring cap Easy and precise dosage (2, 3, 4, 5, 10, 20 and 40 ml)

Safety valve with maximum pressure level indicator (3 Bar) and sprayer decompression

Large-diameter filling hole (80 mm)

Professional lance handle in ribbed polypropylene with high mechanical resistance  
Integrated filter





## FLORALY "OPTIMA"

Technical characteristics and advantages for the user

### FOR EASIER USE

|  | Characteristics   | Advantages for the user                   |
|--|---|---|
|    | Wide opening separate from the pump   | Easier filling, mixing and emptying       |
|   | Shape of head without retention zone on emptying                                  | Easy, quick and complete emptying         |
|  | Cap with integrat measurer (7 dosage possibilities: 2, 3, 4, 5, 10, 20 and 40 ml) | Easy and precise dosage                   |
|  | Shoulder strap fastening with simple clips  | Shoulder straps quick and easy to fasten  |
|  | Slide rail for easy storage of the lance  | Easy to store lance<br>Simplified storage |
|  | New professional nozzle with integrated nut                                       | Practical to use, easy to change          |

### FOR BETTER SAFETY

|  | Characteristics  | Advantages for the user  |
|--|--|--|
|    | Fixed and off centre pump  | User safety: no need to remove the pump for filling and emptying                     |
|   | Safety valve with maximum pressure level indicator (< 3 Bar) and sprayer decompression | No risk of excess pressure on pumping. Quick and easy decompression of the equipment |
|  | Large diameter translucent reservoir with graduated gauge                              | Liquid level visible<br>Excellent stability on the ground                            |

### FOR EXCELLENT COMFORT

|  | Characteristics   | Advantages for the user                               |
|--|---|---|
|  | Hose outlet mounted on rotating connector                               | Easier handling of the hose/lance unit                |
|  | New wide pump handle  | Ergonomic and robust pump handle                      |
|  | Professional lance handle with two finger trigger and integrated filter | Ensures a natural position for the wrist and the hand |



## FLORALY 5 OPTIMA

Plant care

101450

**For small gardens :  
< 300 m<sup>2</sup>**

- Total tank capacity : 5.2 L, usable capacity : 3 L
- Fixed and off-centre manual pressure pump with nitrile seals
- 3 Bar safety value
- Wide opening on reservoir separate from the pump (diameter : 80 mm)
- Multi-compartment measuring cap : 7 dosage possibilities (2, 3, 4, 5, 10, 20 and 40 ml)
- Nozzle outlet mounted on a swing-joint connection
- Adjustable carrying strap with quick-fastening clip system
- Professional PROFILE-type lance handle
- Hose length : 1 m
- 40 cm aluminium lance
- Multi-purpose, adjustable nozzle holder with integrated swirl plate
- Delivered with professional swirl nozzle for conical jet

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## FLORALY 7 OPTIMA

Plant care

101451

**Medium-sized gardens :  
200 to 700 m<sup>2</sup>**

- Total tank capacity : 7.2 L, usable capacity : 5 L
- Fixed and off-centre manual pressure pump with nitrile seals
- 3 Bar safety value
- Wide opening on reservoir separate from the pump (diameter : 80 mm)
- Multi-compartment measuring cap : 7 dosage possibilities (2, 3, 4, 5, 10, 20 and 40 ml)
- Nozzle outlet mounted on a swingjoint connection
- Adjustable carrying strap with quick-fastening clip system
- Professional PROFILE-type lance handle.
- Hose length : 1 m
- 40 cm aluminium lance
- Multi-purpose, adjustable nozzle holder with integrated swirl plate
- Delivered with professional swirl nozzle for conical jet

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**5 ANS**  
YEARS





## FLORALY 7 OPTIMA

DIY

101452

**For treatment of wood and framework, shutters, moss control of roofs and paths etc.**

- Total tank capacity : 7.2 L, usable capacity : 5 L
- Fixed and off centre manual pressure pump with seals that are resistant to hydrocarbon based solvents
- 3 Bar safety value
- Wide opening on reservoir separate from the pump (diameter: 80mm)
- Multi-compartment measuring cap : 7dosage possibilities (2, 3, 4, 5, 10, 20 and 40ml)
- Nozzle outlet mounted on a swing-joint connection
- Adjustable carrying strap with quick-fastening clip system
- Professional PROFILE-type lance
- Handle with resistant seals
- Hose length: 1m
- 40 cm composite lance with flexible
- End socket
- Multi-purpose, adjustable nozzle holder with integrated swirl plate
- Delivered with professional flat fan nozzle

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**5 ANS**  
YEARS





## FLORALY 12 OPTIMA

Plant care

101453

**For large gardens :  
> 500 m<sup>2</sup>**

- Total tank capacity : 11.5L, usable capacity : 8 L
- Fixed and off-centre manual pressure pump with nitrile seals
- 3 Bar safety value
- Wide opening on reservoir separate from the pump (diameter : 80 mm)
- Multi-compartment measuring cap : 7 dosage possibilities (2, 3, 4, 5, 10, 20 and 40 ml)
- Nozzle outlet mounted on a swingjoint connection
- Adjustable carrying strap with quick-fastening clip system
- Professional PROFILE-type lance handle
- Hose length : 1.35 m
- 60 cm aluminium lance
- Multi-purpose, adjustable nozzle holder with integrated swirl plate
- Delivered with professional swirl nozzle for conical jet

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GUARANTEE  
**5 ANS**  
YEARS



| Article name  | Reference | EAN code      | Item weight (kg) | N°units | Box                       |             | Pallet                    |           |                  |
|---------------|-----------|---------------|------------------|---------|---------------------------|-------------|---------------------------|-----------|------------------|
|               |           |               |                  |         | Dimensions W x D x H (mm) | Weight (kg) | Dimensions W x D x H (mm) | N° layers | N° boxes / layer |
| F5 Optima     | 101450    | 3176241014506 | 1,44             | 1       | 200 x 195 x 430           | 1,64        | 1200 x 800 x 2300         | 4         | 24 (+9)          |
| F7 Optima     | 101451    | 3176241014513 | 1,55             | 1       | 200 x 195 x 520           | 1,82        | 1200 x 800 x 2230         | 4         | 24               |
| F7 Optima DIY | 101452    | 3176241014520 | 1,58             | 1       | 200 x 195 x 520           | 1,85        | 1200 x 800 x 2230         | 4         | 24               |
| F12 Optima    | 101453    | 3176241014537 | 2,08             | 1       | 200 x 195 x 685           | 2,43        | 1200 x 800 x 2205         | 3         | 24               |



## ELYTE PRO



### The most advanced compression sprayers on the market

Although the latest consumer studies classed the ELYTE N°1 range well ahead of all its competitors, the range is being developed further to become by far the most advanced on the market.

It is being improved in all aspects: ease of use, comfort and usable capacity. It is still available in two formats (6 L and 8 L). Gardener and DIY fans will be happy to know that it comes in two versions: 'Plant care' and 'DIY'.

Adjustable conical jet nozzle

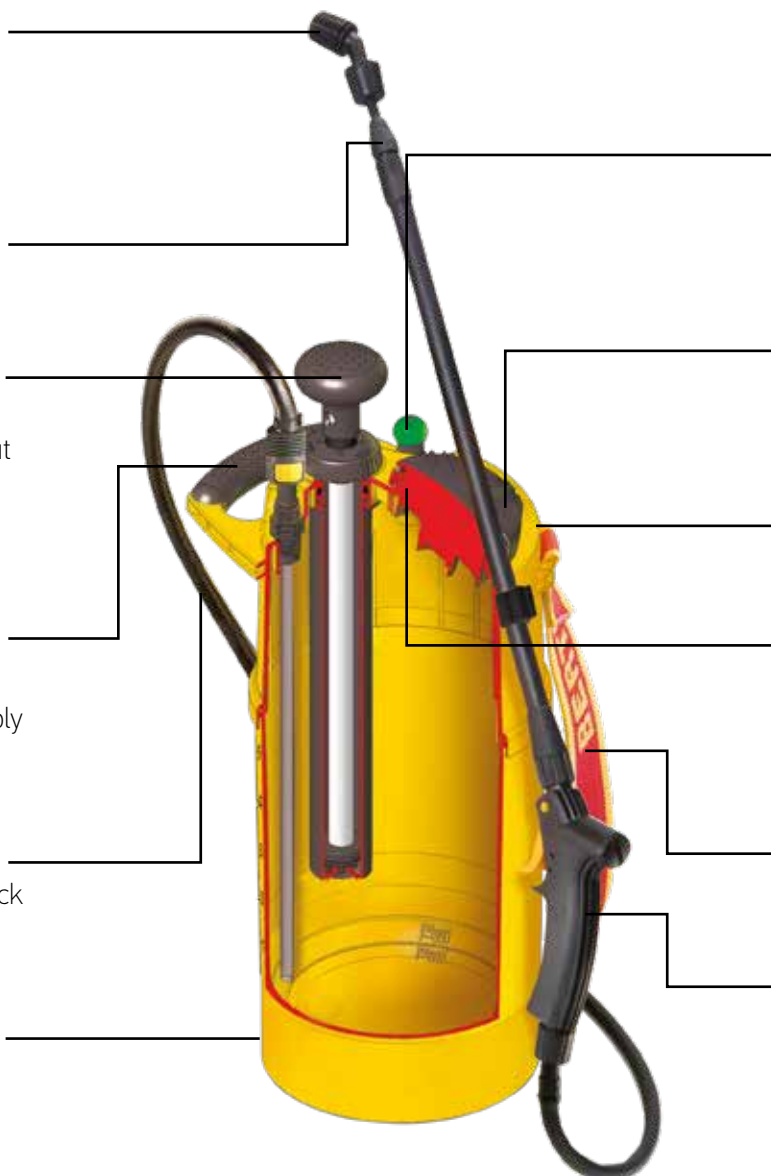
Composite telescopic lance (50/100cm) for close-up treatment with lance clip for easy storage

Pressurising pump fixed with aluminium rod, designed for unique pumping comfort without effort

Large side handle for easy handling and carrying

Hose and nozzle assembly is easy to handle and detach thanks to a high-strength braided hose and a nozzle outlet mounted on a swivel quick coupling

Graduated translucent tank



Safety valve set at 3 Bar to avoid overpressure when pumping and allowing easy decompression of the sprayer

Large orifice for easy filling and mixing

Tank without retention area for easy and complete emptying

Cap with integrated dosing device (2,3,4,5,10,20 and 40ml) for easy and accurate dosing

Wide, length-adjustable shoulder strap for comfortable carrying

Ergonomic PROFILE-type professional lance handle with integrated filter which ensures a high level of user comfort



## ELYTE PRO

Technical characteristics and advantages for the user

### FOR EASIER USE

|  | Characteristics  | Advantages for the user   |
|--|--|---|
|    | Specific ELYTE pump  | Unbeatable operational ease and comfort   |
|    | Wide opening separate from the pump                                    | Easier filling, mixing and emptying   |
|    | Multi-purpose side handle  | Very useful for each operational phase (pressurization, use, emptying rinsing/ cleaning, storage) |
|   | Shape of head without retention zone on emptying                       | Easy, quick and complete emptying   |
|  | Measuring cap ( 7 dosage possibilities : 2, 3, 4, 5, 10, 20 and 40 ml) | Easy and precise dosage   |
|  | Slide rail for easy storage of the lance                               | Easy storage of the lance. Simplified storage   |
|  | New professional nozzle with integrated nut                            | Practical to use, easy to change  |
|  | Quick release hose connection  | Easier transport and storage  |
|  | Translucent reservoir  | Visible liquid level  |
|  | Composite telescopic lance   | For treatment as near as possible to the target area  |

### FOR BETTER SAFETY

|   | Characteristics   | Advantages for the user  |
|---|---|--|
|   | Fixed, off centre pump  | User safety : no more need to take it off for filling and emptying                                   |
|   | Metal pump rod  | Excellent perceived quality and robustness   |
|   | New valve with maximum pressure level indicator (< 3 Bar) and sprayer decompression | No risk of excess pressure on pumping. Quick and easy decompression of the equipment.                |
|  | Large diameter cylindrical reservoir with graduated gauge                           | Higher effective usable capacity : 6 litres (instead of 5 litres). Excellent stability on the ground |

### FOR INCREASED COMFORT

|  | Characteristics  | Advantages for the user                   |
|--|--|---|
|  | Pommel-type pump handle  | Comfortable to pump and aesthetic         |
|  | Quick release connector  | Easier to handle the hose/pump unit       |
|  | Wide adjustable shoulder trap  | Comfortable to carry                      |
|  | Professional, ergonomic, PROFILE-type lance handle and integrated filter | Ensures a natural wrist and hand position |



## ELYTE 8 PRO

Plant Care

101001

**For average and large sized gardens: 200 to 1200 m<sup>2</sup>**

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YEARS

- Total reservoir capacity : 8.5 L, usable capacity : 6 L
- 3 Bar safety value
- Fixed and off-centre manual pressure pump
- Aluminium pump rod
- Wide opening on reservoir separate from pump (diameter : 80 mm)
- Measuring cap (7 dosage possibilities)
- Quick release connector for the hose
- Adjustable carrying strap
- Braided hose 8 x 12 length 1.35 m
- Professional PROFILE-type lance handle
- 0.5 / 1 m strong and chemically resistant composite telescopic lance
- Multi-purpose, adjustable nozzle holder with integrated swirl plate
- Delivered with professional swirl nozzle with conical jet



## ELYTE 8 PRO

DIY

101003

**For treatment of wood and framework, shutters, moss control of roofs and paths etc...**

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GUARANTEE  
**5 ANS**  
YEARS

- Total reservoir capacity : 8.5 L, usable capacity : 6 L
- 3 Bar safety value
- Fixed, off-centre manual pressure pump with UHR (Ultra-High Resistance) seals
- Brass pump rod
- Wide opening on reservoir separate from pump (diameter : 80 mm)
- Measuring cap (7 dosage possibilities)
- Quick release connector for the hose
- Adjustable carrying strap
- Braided hose 8 x 12 mm length 1.35 m
- Professional PROFILE-type lance handle
- 60 cm strong and chemically resistant composite lance with flexible tip
- Multi-purpose, adjustable nozzle holder with integrated brush-type swirl plate
- Delivered with professional flat fan nozzle



## ELYTE 14 PRO EXPORT

Plant Care

101014

**For large gardens :  
> 500 m<sup>2</sup>**

- Total reservoir capacity : 13,75 L, usable capacity : 8 L
- 3 Bar safety value
- Fixed, off-centre manual pressure pump
- Aluminium pump rod
- Wide opening on reservoir separate from pump (diameter : 80 mm)
- Measuring cap (7 dosage possibilities)
- Quick release connector for hose
- Adjustable carrying strap
- Braided hose 8 x 12 mm length 1.35 m
- Professional PROFILE-type lance handle
- 40 cm strong brass lance
- Multi-purpose, adjustable nozzle holder with integrated brush-type swirl plate
- Delivered with professional flat fan nozzle



Brass lance



Fixed connection



| Article Name        | Reference | EAN code      | Item weight (kg) | N° units | Box                       |             | Pallet                    |           |                  |
|---------------------|-----------|---------------|------------------|----------|---------------------------|-------------|---------------------------|-----------|------------------|
|                     |           |               |                  |          | Dimensions W x D x H (mm) | weight (kg) | Dimensions W x D x H (mm) | N° layers | N° boxes / layer |
| Elyte 8 Pro         | 101001    | 3176241010010 | 1,81             | 1        | 250 x 195 x 520           | 2,09        | 1200 x 800 x 2230         | 4         | 19               |
| Elyte 8 Pro DIY     | 101003    | 3176241010034 | 1,84             | 1        | 250 x 195 x 520           | 2,12        | 1200 x 800 x 2230         | 4         | 19               |
| Elyte 14 Pro Export | 101014    | 3176241010140 | 2,26             | 1        | 260 x 210 x 700           | 2,50        | 1200 x 800 x 2520         | 3         | 19               |



## COSMOS 18 PRO



### Comfort and performance

A reference product for spraying professionals, the BERTHOUD brand has successfully launched the new generation of COSMOS 18, a guarantee of reliability and robustness.

It is now more comfortable to improve working conditions for users.

### PERFORMANCE

- High performance pump up to 6 Bar pressure
- Product mixer integrated into the pump to better blend the mixture

### EASE OF USE

- Large diameter filler opening
- Sloping tank base prevents residual liquid at the end of the treatment
- Translucent graduated tank
- Easy to assemble and maintain
- Large volume anti-splash filter for quick filling

### COMFORT



- Carrying handle for easy transport
- Lance holder for easy storage
- Equipment well adjusted for the back
- Reversible left/right pump lever
- Pump with less effort
- Natural position of the wrist and hand using the Profile handle



### TIP N°3

“Adjust the dose according to the severity of the disease. Take preventive action but keep an eye on the disease and how it spreads. You have to know when to leave it alone and when to act.”



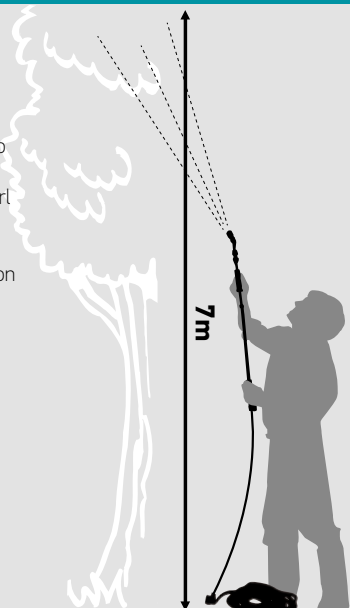



## SERINGA

101025

**For working at heights until 7m**


- Double action\* syringe sprayer operating in two directions
- 2 multi-purpose multi-directional nozzles (swirl and flat fan)
- 10 m hose
- High operating pressure (8-10 Bar depending on the pumping rate)
- Can be connected to a sprayer hose to use the tank as a reservoir
- 60 cm lance extension to treat areas that are difficult to reach
- Viton® seal to withstand hydrocarbons and solvents
- Clip to prevent the hose coming out of the container
- Strainer to filter liquids to avoid clogging the nozzle




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**JOINTS**  
**VITON®**  
**SEALS**

UTILISATION INTENSIVE  
HAUTE RESISTANCE  
INTENSIVE USE








## COSMOS 18 PRO

102215

**Ideal for larger gardens, orchards, vineyards, etc**

- Filling opening large diameter 125 mm
- Inclined tank bottom
- Carrying handle
- Slide for easy storage of the spear
- Foam-reinforced and adjustable straps
- Translucent polypropylene tank, capacity 18 L
- Manual pressurisation pump 6 Bar
- Reversible pump lever right/left
- High-strength hose
- Opening/closing control handle with integrated filter type PROFILE
- 60 cm aluminium lance
- Adjustable universal nozzle holder accepts all types of professional nozzles
- Supplied with adjustable swirl nozzle with fog jet disc

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| Article name  | Reference | EAN code      | Item weight (kg) | N° units | Box                       |                 | Pallet                    |           |                  |
|---------------|-----------|---------------|------------------|----------|---------------------------|-----------------|---------------------------|-----------|------------------|
|               |           |               |                  |          | Dimensions W x D x H (mm) | Poids brut (kg) | Dimensions L x P x H (mm) | N° layers | Nb Boite / layer |
| Seringa       | 101025    | 3176241010256 | 0,95             | 1        | 165 x 60 x 610            | 1,23            | 1200 x 800 x 1950         | 9         | 16               |
| Cosmos 18 Pro | 102215    | 3176241022150 | 3,72             | 1        | 450 x 170 x 505           | 4,15            | 1200 x 800 x 2170         | 4         | 11               |



## VERMOREL



### PERFORMANCE

- Diaphragm pump for quick pressurization and low pumping frequency
- Viton seals for use with aggressive products
- Up to 5 Bar pressure

### PRECISION

- Fine drops, adjustable nozzle holder
- Pressure regulator for treating at the right pressure (from 1 to 5 Bar)
- 1m telescopic lance to treat closer to the target
- 3 nozzle kit to suit the treatment required

### EASY TO MAINTAIN

- Quick and easy to disassemble

### A unique concept

A renowned name amongst professionals thanks to 3 major assets

- Exceptional carrying comfort new **safety harness**
- **High performance** diaphragm and curvilinear piston pump
- **A level of features never seen** before (notably for the Vermorel 2000 Pro Comfort)



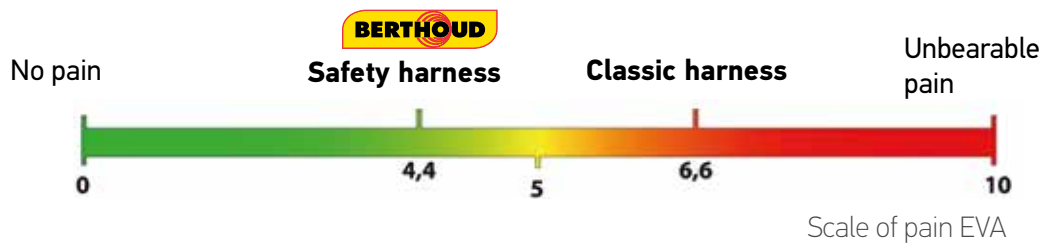
### TIP N°4

"Apply weed killer in autumn when the sap is returning to the roots. Treatment is more effective and you use less weed killer."

## NEW SAFETY HARNESS

ON THE VERMOREL 2000 MODELS

- 1 year of studies and tests to determine the impact of wearing the sprayer on the back, with the hospital center of Villefranche-sur-Saône (Rhône, France)
- Development of a new carrying system that protects the back, allowing a longer and improved working period.
  - Reduce negative impacts on the spine and pelvis
  - Significant reduction in arduousness caused by the sprayer



### Reinforced back support

- No direct contact with the tank for improved comfort



### Adjustable waist strap and reinforced back

- Sprayer weight distribution : 70% on the hips / 30% on the shoulders
- Ensures sprayer stability

### Adjustable straps with reinforced foam and tensioners

- Adjusts to the user's body shape
- Protects the user's shoulders



### Chest strap

- Sprayer weight distribution : 70% on the hips / 30% on the shoulders
- Ensures sprayer stability





## VERMOREL 1800

102084

### For large gardens, orchards, trees and shrubs etc...

- Reservoir: capacity : 16 L with visible liquid level
- Ergonomic back frame, which perfectly fits the shape of your back
- Adjustable double shoulder straps
- Reversible left/right pump lever with 2 positions : storage and in operation (inclined position)
- High-performance diaphragm pump with curved piston (ease of handling and low pumping rate)
- Professional 'PROFILE'-type lance handle (comfort and accuracy)
- 60 cm composite lance with high mechanical and chemical resistance
- Multi-purpose adjustable nozzle holder
- Delivered with swirl nozzle and 15/10 plate

GARANTIE  
GUARANTEE  
**5 ANS**  
YEARS



### TIP N°5

For optimum treatment :

- To avoid chemical waste do not overpray
- Target usage precisely
- Avoid hot weather



## VERMOREL 2000 PRO CONFORT

102022

**For large gardens, orchards, trees and shrubs etc...**

- Reservoir capacity : 16 L with visible liquid level
- Ergonomic back frame, which perfectly fits the shape of your back
- Reversible left/right pump lever, adjustable in all positions (for width and height – by notches of 10°)
- High-performance diaphragm pump with curved piston
- Pressure relief valve, adjustable from 0 to 5 Bar
- Professional 'PROFILE'-type lance handle
- Composite telescopic lance, 60 cm / 100 cm, with high mechanical and chemical resistance
- Multi-purpose adjustable nozzle holder
- Delivered with the following equipment : 1 multipurpose, adjustable nozzle holder equipped with original swirl nozzle with 15/10 plate, a blue flat fan nozzle and a blue anvil nozzle



GARANTIE  
GUARANTEE  
**5 ANS**  
YEARS



**TREATMENT AND  
WEED CONTROL  
EQUIPMENT**



| Article Name              | Reference | EAN code      | Item weight (kg) | Box      |                           |             | Pallet                    |           |                 |
|---------------------------|-----------|---------------|------------------|----------|---------------------------|-------------|---------------------------|-----------|-----------------|
|                           |           |               |                  | N° units | Dimensions W x D x H (mm) | weight (kg) | Dimensions W x D x H (mm) | N° layers | N° boxes /layer |
| Vermorel 1800             | 102084    | 3176241020842 | 5,10             | 1        | 390 x 285 x 615           | 5,67        | 1200 x 800 x 1995         | 3         | 8               |
| Vermorel 2000 Pro Confort | 102022    | 3176241020224 | 5,97             | 1        | 390 x 285 x 615           | 6,54        | 1200 x 800 x 1995         | 3         | 8               |



## VERMOREL 3000 ELECTRIC



**BERTHOUD's innovation : The new ELECTRIC VERMOREL 3000, the reference in the market for electric sprayers**



### CONFORT

- Comfort harness for optimum comfort during prolonged use
- Optimised design for a lighter weight product with a reduction of more than 1.5 kg compared to ELECTRIC VERMOREL 2000 (ref 102042). 6.2kg with battery

### PERFORMANCES

- Lithium-ion battery for long lifespan
- 3 to 6 hours duration depending on the chosen pressure
- Twin diaphragm pump and Viton seals Max flow: 2.6L/min
- Compatible with the full range of Berthoud accessories (including spray Bar)

### MAINTENANCE

- Easy access to battery / pump assembly



### PRECISION

- Choice of 3 pressure settings
- Electronic pressure control for precise and constant spray
- Battery charge level indicator
- Immediate stop/start spraying trigger control

| Article name                   | Reference | EAN code      | Item weight (kg) | Box      |                           |             | Pallet                    |           |                |
|--------------------------------|-----------|---------------|------------------|----------|---------------------------|-------------|---------------------------|-----------|----------------|
|                                |           |               |                  | N° units | Dimensions W x D x H (mm) | weight (kg) | Dimensions W x D x H (mm) | N° layers | N° boxes/layer |
| Vermorel 3000 Electric         | 102139    | 3176241021399 | 6,2              | 1        | 390 x 285 x 615           | 6,9         | 1200 x 800 x 1995         | 3         | 8              |
| Vermorel 3000 Electric UK      | 102140    | 3176241021405 | 6,2              | 1        | 390 x 285 x 615           | 6,9         | 1200 x 800 x 1995         | 3         | 8              |
| Vermorel 3000 Electric on cart | 102141    | 3176241021412 | 9,3              | 1        | 390 x 285 x 615           | 10          | 1200 x 800 x 1995         | 3         | 8              |



# ELECTRIC SPRAYERS



Supplied with 3 nozzles (Cone 15/10°, fan-blue and mirror-brown)

Chemical resistant telescopic lance (60cm - 100cm)



High performance twin diaphragm electric pump. Viton seals for the application of aggressive chemicals

Professional ergonomic lance handle with built-in filter that makes for very comfortable use.

Ergonomic back frame, which perfectly fits the shape of your back and is supplied with comfort harness for optimum comfort during prolonged use



Translucent 18L tank with graduated gauge.

Tank with large filling orifice (125mm) and without retention area for fast filling and complete emptying.



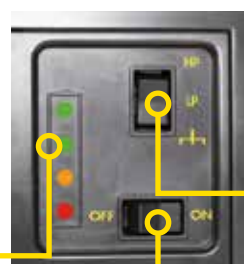
12V lithium-ion battery

Rapid battery charger with charge indicator (2.5 hours max)



Battery charge level indicator (4 LEDs)

- 75 to 100%
- 50 to 75%
- 25 to 50%
- 20 to 25%



3 Pressure selectors :

- High Pressure (3 Bar)
- Low Pressure (1,5 Bar)
- Rampe (1 Bar, big flow)

Switch ON /OFF

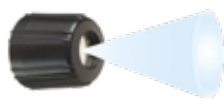
Available with large wheeled cart for easy manoeuvrability and 5m hose



|               |              | Features          |              |                | Battery life |                           |       |
|---------------|--------------|-------------------|--------------|----------------|--------------|---------------------------|-------|
| Type of spray | Nozzle       | Pressure selector | Flow (L/min) | Pression (Bar) | Litres       | Nb of tankfuls per charge | Hours |
|               | Cone 15/10°  | HP                | 0,66         | 3              | 198          | 11                        | 5     |
|               | Fan-blue     | Spray-bar         | 0,69         | 1              | 250          | 14                        | 6     |
|               |              | LP                | 0,83         | 1,5            | 207          | 11,5                      | 5     |
|               | Mirror brown | Spray-bar         | 1,15         | 1              | 414          | 23                        | 6     |
|               |              | LP                | 1,41         | 1,5            | 345          | 19                        | 5     |

## Nozzle output table in litres/minute

NB: nozzle references are given in the spare parts catalogues



### HOLLOW CONE NOZZLES






Conical jets for applying insecticide or fungicide treatments

|          |  |  |  |  |  |  |  |
|----------|---|---|---|---|---|---|---|
|          | 282369  | 282370  | 282371  | 282372  | 282373  | 282374  | 282375  |
| Pression | Ø 8/10e   | Ø 10/10e  | Ø 12/10e  | Ø 15/10e  | Ø 18/10e  | Ø 20/10e  | Ø 25/10e  |
| 1 Bar    | 0,185   | 0,235   | 0,275   | 0,395   | 0,470   | 0,515   | 0,680   |
| 2 Bar    | 0,250   | 0,300   | 0,385   | 0,535   | 0,660   | 0,720   | 0,980   |
| 3 Bar    | 0,300   | 0,360   | 0,470   | 0,660   | 0,795   | 0,870   | 1,155   |



### FLAT FAN NOZZLES





Small width flat jets for localised weeding as well as specific treatments (wood treatment, roof moss control...)

|          |  |  |  |  |  |
|----------|---|---|---|---|---|
|          | 282488  | 282489  | 282461  | 282458  | 282462  |
| Pression | ORANGE  | VERT  | JAUNE   | BLEU  | ROUGE   |
| 1 Bar    | 0,250   | 0,360   | 0,560   | 0,840   | 1,120   |
| 2 Bar    | 0,340   | 0,500   | 0,650   | 0,970   | 1,290   |
| 2,5 Bar  | 0,380   | 0,560   | 0,720   | 1,080   | 1,440   |
| 3 Bar    | 0,420   | 0,600   | 0,790   | 1,180   | 1,580   |
| Angle    | 80°   | 80°   | 80°   | 80°   | 110°  |



### ANVIL NOZZLES

Conical jets for applying insecticide or fungicide treatments

|          |  |  |  |  |
|----------|---|---|---|---|
|          | 282460  | 282457  | 282490  | 282491  |
| Pression | JAUNE   | MARRON  | GRIS  | BLEU  |
| 1 Bar    | 0,460   | 1,150   | 1,390   | 2,310   |
| 1,5 Bar  | 0,570   | 1,410   | 1,700   | 2,830   |
| 2 Bar    | 0,650   | 1,630   | 1,960   | 3,270   |
| 2,5 Bar  | 0,730   | 1,830   | 2,190   | 3,650   |
| Angle    | 105°  | 110°  | 110°  | 135°  |

## Nozzle to target distance

### Nozzle 80°



### Nozzle 110°



### Nozzle 105°






### Nozzle 130°



## Calibration : formule

$$\frac{\text{Flow (L/min)} \times 10\,000}{\text{Swath (m)} \times \text{speed (m/min)}} = \text{Volume (L/ha)}$$

|  | Reference | Nozzle | Pressure (Bar) | Swath (cm) | Flow L/min | Volume rate L/Ha |
|--|-----------|--------|----------------|------------|------------|------------------|
|   | 282369    | 8/10°  | 2              | 20         | 0,245      | 204,17           |
|  | 282370    | 10/10° | 2              | 25         | 0,300      | 200,00           |
|  | 282371    | 12/10° | 2              | 35         | 0,385      | 183,33           |
|  | 282372    | 15/10° | 2              | 60         | 0,535      | 148,61           |
|  | 282373    | 18/10° | 2              | 80         | 0,660      | 137,50           |
|  | 282374    | 20/10° | 2              | 80         | 0,720      | 162,50           |
|  | 282375    | 25/10° | 2              | 80         | 0,980      | 204,17           |
|   | 282488    | 80°    | 2              | 84         | 0,340      | 283,34           |
|  | 282489    | 80°    | 2              | 84         | 0,500      | 99,21            |
|  | 282461    | 80°    | 2              | 84         | 0,650      | 128,97           |
|  | 282458    | 80°    | 2              | 84         | 0,970      | 192,46           |
|  | 282462    | 110°   | 2              | 143        | 1,290      | 150,35           |
|  | 282460    | 105°   | 2              | 130        | 0,650      | 73,08            |
|  | 282457    | 110°   | 2              | 143        | 1,630      | 164,34           |
|  | 282490    | 110°   | 2              | 143        | 1,700      | 198,14           |
|  | 282491    | 130°   | 2              | 215        | 2,830      | 219,38           |

## Accessories : sprayer nozzles

### HOLLOW CONE NOZZLE KIT

200560

with 4 mist jets (10, 12, 15 and 18/10)



### HERBICIDE NOZZLE KIT

200601

with 3 flat fan and 2 anvil nozzles



### NOZZLE KIT FOR ALL TREATMENTS

211326

with 2 mist jet nozzles (8 and 15/10), 1 flat fan and 1 anvil nozzle





## BERTHOUD also has a complete range of accessories for better treatments, greater ease and safety

A range of accessories that meets the needs for versatility of professional consumers. The new packaging makes it possible to make your choice very clearly.

### TELESCOPIC LANCES GIANT COMPOSITE

Version 2,40m : **280326**

Version 3,60m : **282447**



All park and garden owners know that trees need to be treated at least twice a year (sometimes 3 times in the case of fruit trees): once in winter (winter treatment) then in the spring after flowering ("fruit worm").

Most mature trees are over 4/5 m high and standard spraying equipment is not adequate for treatment above that height.

Giant telescopic lances made of BERTHOUD composite materials can be extended to 2.4 m or 3.6m.

They are the perfect tools for these jobs. They are light, rigid and strong. They are also highly chemical resistant and mechanically tough. They can also be used for treating rooves (moss control), a requirement for all house owners

**Send with hose, quick connect and PROFILE handle, 2.40 or 3.60 m long**



### PROFILE GRIP MULTIPURPOSE COMPOSITE SPRAYER LANCE

**280327**



### PROFILE GRIP UNIVERSAL SPRAYER LANCE

**280324**



### STOPREX GRIP UNIVERSAL SPRAYER LANCE

**211665**



## PROFILE HANDLE

280310

**Ergonomique** : angle poignée/ lance assurant une position naturelle du poignet

**Fiable** : système de fermeture par pointeau perpendiculaire au flux du liquide

**Maintenance facilitée** : démontage du ressort, des joints et pointeau par simple dévissage

**Compatible** : avec les lances filetage stoprex y compris les lances télescopiques composite "géantes" de 2,40 m et 3,60 m

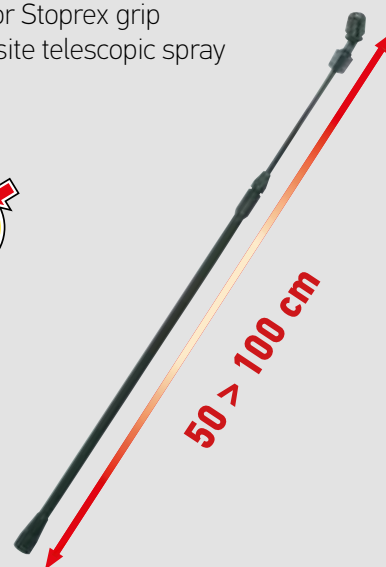
**Possibilité de monter des accessoires** : manomètre, régulateur de pression



## TELESCOPIC SPRAY LANCES

280362

Profile or Stoprex grip  
Composite telescopic spray lance



## STOPREX HANDLE

212370

Hand-operated for all  
sprayers  
Allows continuous spraying



## 60 CM LANCE EXTENSIONS

280363

280364

Profile grip-compatible 60 cm  
composite lance extension

Ref. 280363



Profile grip-compatible 60 cm  
aluminium lance extension

Ref. 280364



## TIP N°6

" For insecticides and fungicides, vaporize in very fine droplets. When using contact products, also treat the backs of leaves and the stalks and branches.

For winter treatment, apply the product until it runs off and soaks into the bark, where parasites hibernate."

| REFERENCES | SPRAY LANCE GRIP |         | LANCE TUBES | LANCE EXTENSIONS |        |
|------------|------------------|---------|-------------|------------------|--------|
|            | PROFILE          | STOPREX |             | 280363           | 280364 |
| PROFILE    | -                | -       | ✓           | ✓                | ✓      |
| STOPREX    | -                | -       | ✓           | -                | -      |
| 280362     | ✓                | ✓       | -           | ✓                | ✓      |
| 280363     | ✓                | -       | ✓           | ✓                | -      |
| 280364     | ✓                | -       | ✓           | ✓                | -      |

✓ compatible

- not compatible

## NO-DRIP 1 BAR PRESSURE REGULATOR

283983

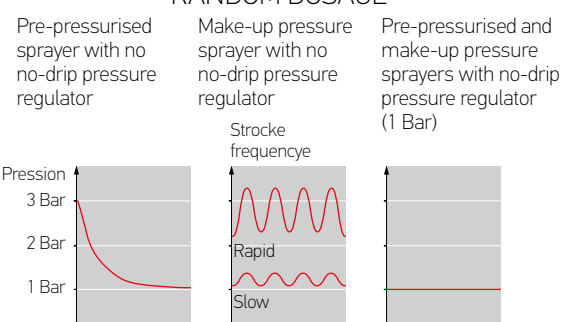


**Pressure regulators help you protect the environment (and save you money)**

- Our pressure regulators:
- Ensure you always have the right pressure of 1 Bar at the nozzle tip
- Can save up to 50% on chemicals
- Ensure dosage stability
- Protect the environment by preventing overspraying
- Used with pre-pressurised sprayers, will extend acreage covered
- Used with pressure sprayers, will reduce the number of pump strokes required
- Can be used with all commercially available professional nozzle tips
- Integrated anti-drip system



### WORKING PRESSURE FLUCTUATIONS CAUSE RANDOM DOSAGE



## BOOMS

Booms convert a single-nozzle spray lance into a multi-nozzle lance to treat a large surface in one go.

**2 sprays** : sprays two rows in a single run

**3 sprays** : wide-boom herbicide treatment

**4 sprays** : very wide boom herbicide spraying



SPRAY BOOMS WITH  
2 SWIVELMOUNTED  
NOZZLES  
**Ref. 220516**



3-NOZZLE  
HERBICIDE BOOM  
**Réf. 255044**



4-NOZZLE  
HERBICIDE BOOM  
**Réf. 215071**

## HERBICIDE SPRAY SHIELD

455004

Large-model spray shield for safe, effective spot application of herbicides  
To be used with the flat fan nozzle



## TIP N°7

“For spot weed killing, use a shield and do not spray when it is windy.

This prevents splashing and stops the weed killer drifting onto other plants.”



## SILICONE GREASE SYRINGUE

219374

At least once or twice a year, or more if the sprayer is used intensively, it is necessary to grease all the seals (10g)



## TIP N°8

“Never pour left-over treatment products down the public drains.

Unused chemicals must be sent to a specialist collection centre.

Tank dregs and rinsing water should be spread on a gravel driveway or directly on the soil.”

## TIP N°9

“For optimum treatment, keep to the recommended dose and treat local areas. Applying excess product does not improve performance in any way.

The doses stated on the packaging have been tested for effectiveness and for minimum danger to the environment.”

## SPARE ACCESSORIES

### PUMP SEALS

282872

F5, F7 ET F12  
FLORALY OPTIMA  
DIY



### REPLACEMENT PARTS

218343

COSMOS 18 PRO



### PUMP SEALS

219803

ELYTE  
ALL VERSIONS



### REPLACEMENT PARTS

212310

VERMOREL MANUEL  
ALL VERSIONS





F1

101135

## For the house, the garden and for DIY

- Polyethylene reservoir with graduated gauge : capacity 1 L
- Watertight neck
- Swirl nozzle with adjustable and sealable jet
- Large base for good stability (even when empty)
- Sealable nozzle that can be locked ("child safe")
- Full-grip trigger



## ELYTE 8 STAINLESS STEEL LANCE

102106

### Application of chlorinated disinfectants (bleach, certain acids)

- Translucent yellow injected polypropylene reservoir with graduated gauge, effective capacity: 5 L
- Stainless steel pump rod and valve with EPDM seals
- Flexible reinforced hose
- Professional PROFILE lance handle with EPDM seals and stainless steel needle valve
- Stainless steel lance tube, length 60 cm
- Stainless steel nozzle with adjustable jet
- Equipped with a hollow cone nozzle and a blue flat fan nozzle



UTILISATION PRODUITS  
CHLORES, ALCALINS  
USE ALKALINE,  
CHLORINATED PRODUCTS



Carrying and holding handle



Fixed and off-centre pressurizing pump.  
Stainless steel rod



Large upper hole for easy filling and emptying

| Article name                  | Reference | EAN code      | Item dimensions<br>W x D x H (mm) | Box dimensions<br>W x D x H (mm) | Quantity | Item weight (kg) |
|-------------------------------|-----------|---------------|-----------------------------------|----------------------------------|----------|------------------|
| F1                            | 101135    | 3176241011352 | -                                 | 800 x 400 x 250                  | 28       | 0,12             |
| ELYTE 8 Stainless Steel Lance | 102106    | 3176241021061 | 230 x 177 x 650                   | 249 x 199 x 690                  | 1        | 2,170            |



## COSMOS 18 PRO SPECIAL DISINFECTION

GARANTIE  
GUARANTEE  
**5 ANS**  
YEARS



102216

### Disinfection of enclosed spaces, public areas, gymnasiums, changing rooms, etc.

- Filling opening large diameter 125 mm
- Inclined tank bottom
- Carrying handle
- Slide for easy storage of the spear
- Foam-reinforced and adjustable straps
- Translucent polypropylene tank, capacity 18 L
- Manual pressurisation pump 6 Bar
- Reversible pump lever right/left
- High-strength hose
- Opening/closing control handle with integrated filter type PROFILE
- 60 cm fibreglass lance
- Adjustable universal nozzle holder for all types of professional nozzles
- Supplied with adjustable swirl nozzle with fog jet disc
- Maintenance kit supplied



## C5 / 1L

101104

### Vaccination, insecticide treatment for livestock and dairy farms and grain silos

- "Low volume" application technique
- Constant and homogenous atomization
- Electric sprayer head
- Powered by 5 x 1.5 V R 20 type batteries
- Rotation speed of disc off-load : 6,000 rpm
- Autonomy : around 8 hours
- High-density polyethylene reservoir 1L
- Knapsack 5L reservoir resistant to chemical products (UV absorber)
- Different outputs possible due to interchangeable nozzles
- Large diameter filling hole with filter
- Sealed screw cap with air valve
- Accessories supplied: 4 nozzles and 1 graduated dosage cup



















| Model                           | Cup | Reservoir 5L | Nozzles |     |       |
|---------------------------------|-----|--------------|---------|-----|-------|
|                                 |     |              | Green   | Red | Black |
| Ref 101104 C5 1L + reservoir 5L |     | X            | X       | X   | X     |

|                     |  |                 |                 |                  |                       |
|---------------------|--|-----------------|-----------------|------------------|-----------------------|
| Characteristics     | C5   |                 |                 |                  |                       |
| Number of batteries | 5 batteries 1,5 volt                                 |                 |                 |                  |                       |
| Autonomy            | around 8 hours                                       |                 |                 |                  |                       |
| Reservoir capacity  | 1 litre  |                 |                 |                  |                       |
| Nozzles             | Output/hectare at a speed of 3.6 km/h for a width of |                 |                 |                  | Droplet sizes<br>(µm) |
| Couleurs            | Reference  | 0,80m (minimum) | 4,80m (maximum) | Output<br>ml/min |                       |
| Rouge               | 300233   | 20,8L/Ha        | 3,4L/Ha         | 100              | 115                   |
| Vert                | 300234   | 31,2L/Ha        | 5,2L/Ha         | 150              | 130                   |
| Noir                | 300235   | 41,6 L/Ha       | 6,9 L/Ha        | 200              | 145                   |

























| Article name                       | Reference | EAN code      | Item dimensions<br>W x D x H (mm) | Box dimensions<br>W x D x H (mm) | Quantity | Item weight<br>(kg) |
|------------------------------------|-----------|---------------|-----------------------------------|----------------------------------|----------|---------------------|
| Cosmos 18 Pro Special Disinfection | 102216    | 3176241022167 | -                                 | 400 x 170 x 505                  | 1        | 3,70                |
| C5/1L + tank 5L                    | 101104    | 3176241011048 | -                                 | 1125 x 300 x 360                 | 6        | 1,90                |

















# PRODUCT INFORMATION

|  | PRODUCT FAMILY             | ARTICLE NAME        | CODE   | EAN CODE      | BARCODE   | PCB |
|--|----------------------------|---------------------|--------|---------------|---|-----|
| SPRAYERS   |                            |                     |        |               |   |     |
|   | HANDHELD SPRAYERS          | F1                  | 101135 | 3176241011352 |    | 28  |
|   |                            | F1 PLUS             | 101210 | 3176241012106 |    | 12  |
|    | HANDHELD PRESSURE SPRAYERS | ELYTE 2             | 101750 | 3176241017507 |    | 6   |
|    |                            | ELYTE 2 DIY         | 101751 | 3176241017514 |    | 6   |
|  | PRESSURE SPRAYERS          | FLORALY 5           | 101450 | 3176241014506 |  | 4   |
|  |                            | FLORALY 7           | 101451 | 3176241014513 |  | 4   |
|  |                            | FLORALY 7 BRICOLAGE | 101452 | 3176241014520 |  | 4   |
|  |                            | FLORALY 12          | 101453 | 3176241014537 |  | 4   |



















# PRODUCT INFORMATION

|  | PRODUCT FAMILY    | ARTICLE NAME                       | CODE   | EAN CODE      | BARCODE   | PCB |
|--|-------------------|------------------------------------|--------|---------------|---|-----|
|   | PRESSURE SPRAYERS | ELYTE 8 PRO                        | 101001 | 3176241010010 |    | 4   |
|   |                   | ELYTE 8 PRO DIY                    | 101003 | 3176241010034 |    | 2   |
|   |                   | ELYTE 8 STAINLESS STEEL LANCE      | 102106 | 3176241021061 |    | 1   |
|   |                   | ELYTE 14 PRO EXPORT                | 101014 | 3176241010140 |    | 1   |
|   | TROMBONE SPRAYERS | SERINGA                            | 101025 | 3176241010256 |   | 4   |
|  | KNAPSACK SPRAYERS | COSMOS 18 PRO                      | 102215 | 3176241022150 |  | 2   |
|  |                   | COSMOS 18 PRO SPECIAL DISINFECTION | 102216 | 3176241022167 |  | 2   |
|  |                   | VERMOREL 1800                      | 102084 | 3176241020842 |  | 1   |
|  |                   | VERMOREL 2000 PRO CONFORT          | 102022 | 3176241020224 |  | 1   |
|  | ELECTRIC SPRAYERS | VERMOREL 3000 ELECTRIC             | 102139 | 3176241021399 |  | 1   |
|  |                   | VERMOREL 3000 ELECTRIC ON CART     | 102141 | 3176241021412 |  | 1   |
|  |                   | C5                                 | 101104 | 3176241011048 |  | 6   |

## PRODUCT INFORMATION

|   | PRODUCT FAMILY | ARTICLE NAME                                      | CODE   | EAN CODE      | BARCODE   | PCB |
|---|----------------|---|--------|---------------|---|-----|
| ACCESSORIES   |                |   |        |               |   |     |
|    | NOZZLES        | HOLLOW CONE NOZZLES KIT                           | 200560 | 3176242005602 |    | 5   |
|   |                | HERBICIDE NOZZLE KIT                              | 200601 | 3176242006012 |    | 5   |
|   |                | NOZZLE KIT FOR ALLTREATMENTS                      | 211324 | 3176242113246 |    | 5   |
|   | LANCES         | PROFILE GRIP MULTIPURPOSE COMPOSITE SPRAYER LANCE | 280327 | 3176242803277 |    | 5   |
|   |                | PROFILE GRIP UNIVERSAL SPRAYER LANCE              | 280324 | 3176242803246 |    | 5   |
|   |                | STOPREX GRIP UNIVERSAL SPRAYER LANCE              | 211665 | 3176242116650 |   | 5   |
|  | GRIPS          | PROFILE SPRAY LANCE GRIP                          | 280310 | 3176242803109 |  | 5   |
|   |                | STOPREX SPRAY LANCEGRIP                           | 212370 | 3176242123702 |  | 5   |
|  | EXTENSIONS     | 60 CM ALUMINIUM LANCE EXTENSIONS                  | 280364 | 3176242803642 |  | 5   |
|   |                | 60 CM COMPOSITE LANCE EXTENSIONS                  | 280363 | 3176242803635 |  | 5   |

# PRODUCT INFORMATIONS

|   |                           |   |        |               |   |   |
|---|---------------------------|---|--------|---------------|---|---|
|   | TELESCOPIC<br>SPRAYLANCES | TELESCOPIC<br>SPRAY LANCES 0,5-1M             | 280362 | 3176242803628 |    | 5 |
|   |                           | TELESCOPIC LANCES<br>2,40M                    | 280326 | 3176242803260 |    | 5 |
|   |                           | TELESCOPIC LANCES<br>3,60M                    | 282447 | 3176242824470 |    | 5 |
|   | BOOMS                     | SPRAY BOOM WITH<br>2 SWIVELMOUNTED<br>NOZZLES | 220516 | 3176242205163 |    | 5 |
|   |                           | 3-NOZZLE<br>HERBICIDE BOOM                    | 255044 | 3176242550447 |    | 5 |
|   |                           | 4-NOZZLE<br>HERBICIDE BOOM                    | 215071 | 3176242150715 |    | 5 |
|   | EQUIPMENT                 | PRESSURE REGULATOR<br>1 BAR                   | 283983 | 3176242839832 |    | 5 |
|   |                           | HERBICIDE SPRAY<br>SHIELD                     | 455004 | 3176244550049 |   | 5 |
| <br> | MAINTENANCE               | SILICONE GREASE<br>SYRINGUE                   | 219374 | 3176242193743 |  | 5 |
|   |                           | PUMP SEALS<br>FLORALY OPTIMA<br>BRICOLAGE     | 282872 | 3176242828720 |  | 5 |
|   |                           | PUMP SEALS ELYTE                              | 219803 | 3176242198038 |  | 5 |
|   |                           | PUMP SEALS<br>COSMOS                          | 218343 | 3176242183430 |  | 5 |
|   |                           | PUMP SEALS<br>VERMOREL                        | 212310 | 3176242123108 |  | 5 |



## NOTES

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.



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