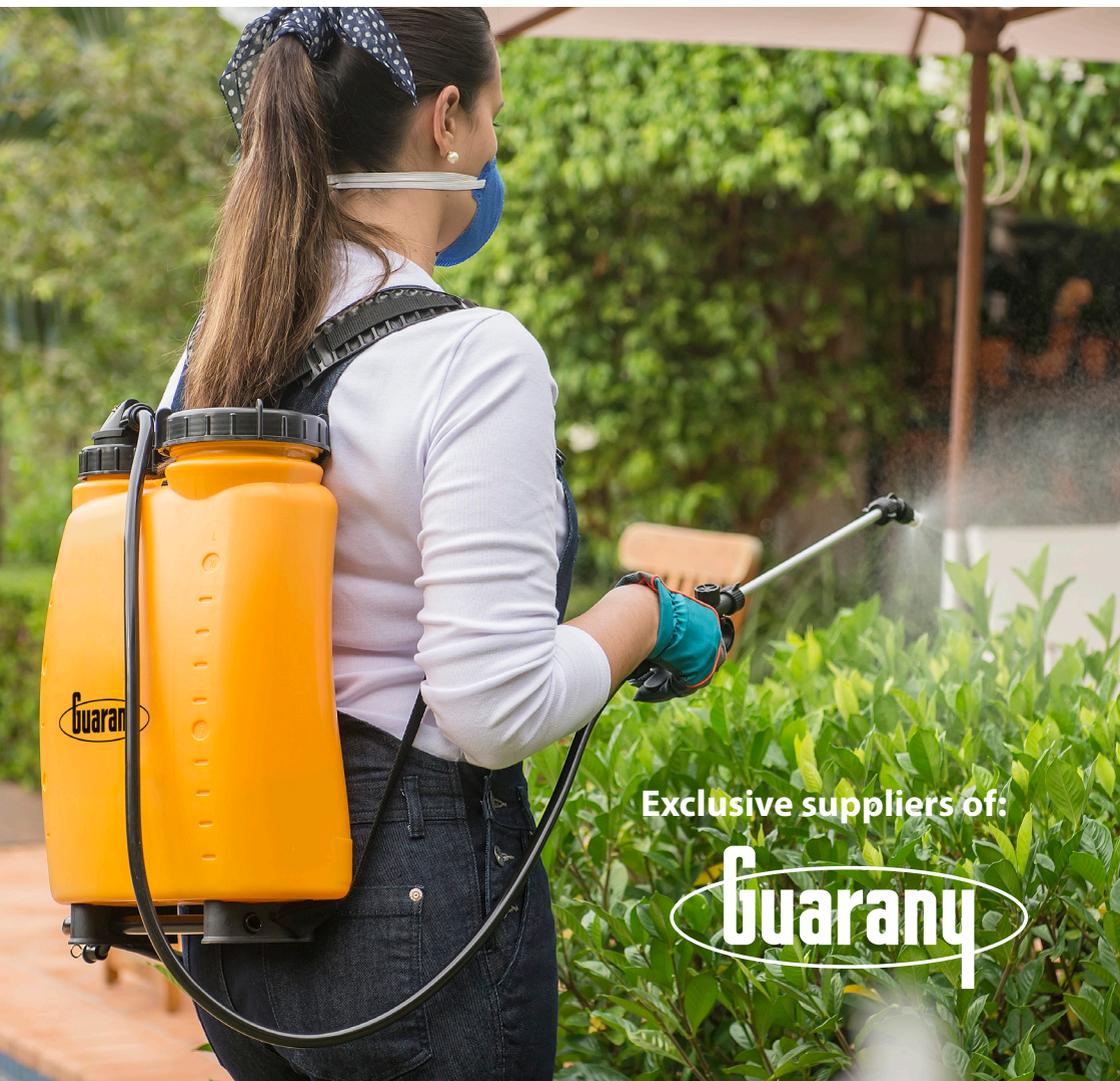




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**PROFESSIONAL SPRAYERS**  
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Exclusive suppliers of:



01273 400 092 | [info@prosprayers.co.uk](mailto:info@prosprayers.co.uk) | [www.prosprayers.co.uk](http://www.prosprayers.co.uk)

# Contents



Handheld Sprayers	1
Handheld Sprayers Range	2
Backpack Sprayers	3
Backpack Sprayers Range	4
Granule Applicators	5
Granule Applicators Range	6
Foggers & Nebulisers	7
Foggers & Nebulisers Range	8
Firefighting	9
Reversible Pump	10
Bioplastic Range	11
Accessories	12
- Dosing	13
- Booms	14
- Discharge Tubes	14
- Discharge Sets	15
- Discharge Valves	15
- Flowrate Regulators	16
- Others	16



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**EFFICIENT  
COMFORTABLE  
DURABLE**

## **WELCOME TO PSP**

### **The Go-to People for Professional Spraying Equipment**

Designed by professionals for professionals, the PSP range of clever spraying equipment and accessories offers a new way to spray. Our products enable the efficient manual application of liquid, granular and powdered agrochemicals, maximising comfort for the user while minimising wastage and environmental harm. They are robust and durable and will give you many long, happy years of service.

At PSP, we like to talk to our customers so please do not hesitate to contact us for any advice or product information. PSP is part of The Spray People Group (SPG) which has more than four decades experience of providing a range of high-quality spraying products and solutions to industry, underpinned by in-depth technical know-how and unparalleled customer support. To find out more, please browse our website at [www.prosprayers.co.uk](http://www.prosprayers.co.uk).

### **EXCLUSIVE SUPPLIERS OF GUARANY**

Spray specialists for more than 50 years and the market leader across South America, Guarany develops innovative solutions to meet the needs of professionals in sectors such as gardening, horticulture, agriculture, forestry and environmental health. The company is committed to sustainable agricultural production and the preservation of natural resources and has developed its own technology, backed by renowned international bodies such as the World Health Organisation, with these aims in mind.

We are proud to represent Guarany and its smart, ergonomic and high-quality range of equipment. To find out more visit [www.guaranyind.com.br](http://www.guaranyind.com.br).



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## Handheld Sprayers

Our range of handheld sprayers is built to the same professional standards as our larger knapsack sprayers. Their solid design means they are incredibly useful for a wide variety of small and medium-sized spraying applications.

For working with plants in a greenhouse or small polytunnel or disinfecting small to medium areas such as gyms, offices and waiting rooms, our 5 litre and 7.6 litre compression sprayers are ideal. For smaller, domestic cleaning and disinfecting jobs and for a range of gardening tasks our Duck 1.2 litre sprayer is perfect.

The handheld sprayers come in two main forms:

**Compression sprayers** will generate pressure within the chamber via a hand-operated pump. This is then released when the valve trigger is pulled. Compression sprayers give an accurately directed spray. They make ideal disinfecting sprayers because they give a continuous flow, meaning no areas are missed.



**Pump-action high-pressure sprayers** generate pressure in the lance/nozzle with each pumping action. No pressure is stored in the tank meaning continual pumping is required. This reduces the accuracy of the spray but it does mean that pressures of up to 300 psi can be achieved resulting in a much finer spray. Often this feature is useful when thick foliage needs to be treated or awkward areas reached with disinfectants.



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# HANDHELD SPRAYER RANGE

## 1. 7.6 Litre Compression Sprayer

A great value handheld sprayer designed for comfort and efficiency and suitable for a large range of spraying jobs. 3.5 bar. 1.6 kg.  
Product ID: 0418.02

## 2. The Bee 4.6 Litre Sprayer

As per the 7.6 l but ideal for smaller operations. 3.5 bar. 1.64 kg.  
Product ID: 0417.02.



## 3. The Duck 1.2 Litre Sprayer

The best small handheld sprayer on the market. Incredibly robust and delivering up to 2 minutes continuous spray on its finest setting. 3 bar. 0.5 kg.  
Product ID: 0424.00.

## 4. 5 Litre High Pressure Sprayer

The High Pressure Sprayer is the only sprayer of its type capable of delivering 300 psi spray pressure and an ultra-fine spray. Easy to use and to maintain. 20.7 bar. 0.55 kg.  
Product ID: 0425.25





## Backpack Sprayers

All our backpack/knapsack sprayers are built for professional use. This means they are of a rugged design as well as delivering precision spraying.

With a huge variety of accessories including dosing valves, extension lances, spray booms and flow regulators, our knapsack sprayers are incredibly versatile and can be used for almost any conceivable spraying application.

The one-year warranty (3 years on our 20 litre Symmetrical Backpack Sprayer and 5 years on the 12 litre Backpack) gives the peace of mind that a high-quality and long-lasting sprayer has been purchased. Well maintained, our knapsack sprayers will give years or even decades of trouble-free spraying for farmers, contractors, horticulturalists, smallholders and domestic users.



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# BACKPACK SPRAYERS

## 1. 20 Litre Symmetrical Backpack

A robust and light symmetrical backpack which allows for easy change-over of the operator's side without the use of tools.

Corrosion-proof plastic pump. 5 bar. 4.3 kg.  
Product ID: 0405.11



## 2. 20 Litre Dosing Backpack

A symmetrical backpack with a drench liquid dispenser which can be adjusted to deliver doses of between 10-100 ml per stroke, allowing for precise doses every time. 5 bar. 4.3 kg.

Product ID: 0476.20



## 3. 20 Litre Balance Backpack

This backpack is designed for comfort. Its wide-based form minimises horizontal pressure on the spine and vertical pressure on the neck and provides ventilation in areas of perspiration. 5 bar. 4.5 kg.

Product ID: 0457.00

## 5. 10 Litre Backpack

A comfortable and compact backpack ideal for smaller jobs around the garden or for home and office disinfecting. 3.1 bar. 3.4 kg.

Product ID: 0428.01

## 4. 12 Litre Backpack

An ergonomic design and an innovative pressurising system with sealing rings to provide easier operation and lower maintenance and wear. 5 bar. 4.2 kg.

Product ID: 0453.00





## Granule Applicators

Many fertilisers and pesticides come in powder or granule form. PSP has a range of specialist granule spreaders and applicator devices for these products.

As well as accurately delivering granulated or powdered agrochemicals, our equipment has additional uses such as ice melt spreading in winter. The backpack design of our granule applicator and granule spreader make them easy and practical to use to distribute ice melt granules and means the operator doesn't have to pull along a wheeled hopper.

Our Granule Spreaders are also ideal for seed spreading and for applying granulated fertilisers on lawns and pitches.

Our Backpack Granule Applicators allow for highly accurate dosing. The calibratable dosing chamber can be adjusted to deliver between 8 and 250 grams of product with each trigger pull. This means a precise dose can be given at the base of a plant or tree. Used on its continuous mode, it offers an easy way to spread ice melt granules.



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# GRANULE APPLICATORS

## 1. Backpack Granule Applicator

This clever product enables uniform doses of granule fertilisers and other agrochemicals to be easily applied to trees, shrubs and plants. Particularly useful for feeding trees and shrubs in pots and in forestry for treatment against pests such as pine weevils. 4.8 kg.  
Product ID: 0475.00.



## 2. Granule & Powder Spreader/Duster

The most efficient and cheapest way to fight agricultural pests in chicken coops or in crops where powder formulations are used. Also ideal for ice melt spreading. 6.2 kg.  
Product ID: 0411.02

## 3. Backpack Granule Spreader

A versatile and robust product for applying uniform and economical doses of fertilisers, granulated insecticides and fungicides as well as grass, vegetable and cereal seeds. Range 5m. 5.8 kg.  
Product ID: 0414.00.

## 4. Manual Granule Applicator

An innovative tool which measures and injects 5 cm into the soil and delivers accurate doses (between 1.5 and 12g) of granular products. 4.4 kg.  
Product ID: 0472.00





## Foggers and Nebulisers

Our highly effective and proven disinfectant foggers and misters/nebulisers are ideal for pest control and large scale cleaning and disinfecting operations.

Their robust design makes them suitable for use with disinfectants and other chemical cleaning products as well as with liquid and powdered pest control products. We offer electric fogging machines and a motorised fogger.

Guarany, founded in 1924, is no newcomer to spraying to prevent the spread of disease. The company's expertise in this area goes back many decades and was built on its agricultural spraying knowledge, itself built through investment in the best engineers and technologies. In the 1980s, the company expanded to develop spraying equipment to help fight and control diseases such as yellow fever, malaria and dengue fever and has worked with the World Health Organisation to set standards for such equipment.



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# FOGGERS AND NEBULISERS

1.



## 1. Knapsack Power Nebuliser

The 11 litre Power Nebuliser features a Kawasaki engine with its low level emission of pollutants and its combined joystick-type control.

Suitable for use indoors and outdoors for spraying crops and plants and for disinfectant fogging. Can be used in the disinfection of stables, barns, hen houses, warehouses etc. Separate granule applicator enables the product to spray powders. 4.6 HP. Vertical/horizontal reach 12/18m. 13.05 kg. Product ID: 0401.50.



Blower nozzle  
(included)  
Product ID: U7582.00



Granule Applicator  
(available separately)  
Product ID: U8076.00

2.

## 2. The Electric Fogger

The Electric ULV Cold Fogger is used across the world for disinfecting, deep cleaning and sanitising as well as for pest and disease control.

A compact device with integrated 4 litre tank which is easy to transport and operate. It comes with an exclusive dispersion head for spatial and residual applications. Also excellent for airborne vaccine application at poultry sheds, poultry barns, pig pens and kennels. 220V. Droplet size 29  $\mu\text{m}$ . Min/max flowrate 15/400 l/min. 5.4kg. Product ID: 0445.80.





## Firefighting Backpack

Fires on farms, orchards or forests are a potential hazard for commercial growers and land owners. Rapid first response in areas firefighting vehicles cannot access is, therefore, of critical importance. Our firefighting products offer precisely this timely response mechanism.

The Flexible Firefighting Backpack is the backpack of choice for professional firefighters across the UK and France. It is also an essential bit of kit for any landowner concerned about the threat posed by wildfires. It can be quickly and easily filled and the powerful hand-operated pump can project water up to 12 metres. The adjustable nozzle means the unit can also be used to deliver an atomised fog of spray which will rapidly remove heat from fires at close range. An air aspirating foaming nozzle and chimney fire nozzle are available separately.



### 21 litre Backpack Sprayer

3.3 kg, Max jet spray range 3m. Full jet range 12m. 3.3kg.  
Product ID: 0431.20



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## Fluid Transfer Reversible Pump

Our range of innovative equipment includes a reversible pump that can cleanly and safely extract fluids from one location and transfer them to an alternate site while avoiding any operator contact with the product.

The Big Sucker has a wide range of uses wherever liquids need to be extracted or cleared up and/or transferred from one place to another.



Big Sucker Reversible Pump  
1.9 kg, 3 bar.  
Product ID: 0426.00



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# Bioplastic Sprayers

Guarany's Katu line is manufactured from renewable sources that respect the environment and help reduce the emission of harmful gases into the ecosystem. The word Katu comes from the Tupian language and refers to everything that is positive and does good. The tanks of the Katu line products are manufactured with green bioplastic produced from sugar cane. 100% recyclable, the green plastic is practically neutral with respect to CO<sup>2</sup>, even when incinerated.

## 1. 10 litre Backpack Sprayer.

Light, comfortable, compact and ergonomic, the 10 L Katu backpack sprayer is ideal for a range of spraying operations. 4.8 bar. 3.4 kg  
Product ID: 04288.01.74

1.



## 2. 7.6 litre Compression Sprayer

A great value bioplastic handheld sprayer designed for comfort and efficiency and suitable for a large range of spraying jobs. 3.5 bar. 1.6 kg.  
Product ID: 0418.02.74

2.



3.

## 3. 1.2 litre Katu 'Duck'

The Duck provides practicality and comfort to the operator, without the need to pump during use. Incredibly robust. 3 bar. 0.5 kg.  
Product ID: 0424.00.



## 4. 5L High Pressure Sprayer

Easy to use and maintain, this sprayer reaches 300psi of pressure and has an ultra-fine spray. 20.7 bar. 0.55 kg.  
Product ID: 0425.25.00

4.





## Accessories

A wide variety of sprayer accessories are available to fit our handheld and backpack sprayer units, making our equipment incredibly versatile and multi-functional.

Guarany works hand in hand with professionals working in farming, horticulture and groundskeeping to develop products to make their lives easier while protecting the environment in which they work and reducing costs. Clever and easy to use accessories are a key area of focus for the company and set its products apart from many other suppliers. Key accessories include:

The Dosimeter Valve which offers the ability to deliver precise doses of liquids, reducing costly wastage and damage to surrounding areas, and can be used with any of our backpack or compression sprayers.

Booms which are available in 2, 4 or 6 nozzle varieties, enabling backpack sprayers to be used to spray wider areas with a single pass of the operator.

Lance Extensions. Our standard lances are either 600mm long (for backpack sprayers) or 500mm long for handheld sprayers. Fixed lances of 900mm or 1200mm can be purchased to extend reach. In addition, an extendable lance that gives up to 1800mm can also be added.

The Soil Injector. This addition to any of our backpack or handheld sprayers allows for the injection of fluid into the root system of a plant. A strong, spiked injector is thrust into the ground and then, once in place, liquid can be pumped through it via the sprayer.

Stem Injectors. These can be fitted onto the end of backpack or handheld sprayers, replacing the spray lance. The injector needle can then be used to penetrate the stem, delivering the herbicide or pesticide directly into the plant.



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## **DOSING**

The accurate dosing of herbicides, pesticides and liquid fertilisers is extremely important. Overdosing is not only a waste of money but can also damage crops and the environment. To help achieve accurate dosing we offer several accessories for our standard backpack and handheld compression sprayers (see also Flow Rate Regulators).

### **Dosimeter Valve**

The Dosimeter Valve allows for highly accurate and consistent volumes of fluid to be delivered with each squeeze of the trigger. This unique accessory can be used with any of our backpack and compression sprayers and with other brands of sprayers. The amount of fluid delivered can be adjusted from 2ml – 25ml per stroke.



Dosimeter Valve without  
Applicator Pipe  
U8096.00



Dosimeter Valve with  
Applicator Pipe  
U8018.00

### **100ml Dosing Kit**

A dosing kit and lance to be fitted to our 20 litre and 12 litre backpack sprayers. This allows for precision dosing of between 10 and 100ml of liquid fertiliser, herbicide or pesticide, preventing wastage or overspraying.



100ml Dosing Kit  
U8146.00



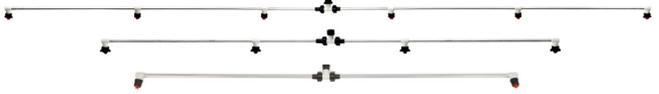
## BOOMS



Horizontal Rear Boom  
6 Nozzles  
U9888.00



Vertical Rear Boom  
4 nozzles - U9898.00  
6 nozzles - U4288.00



Kit of Booms  
2 nozzles - U8006.00  
4 nozzles - K4631.00  
6 nozzles - K4634.00



Universal Boom  
2 nozzles  
20cm - K9798.00  
40cm - K9895.00

## DISCHARGE VALVES



S3 Discharge Valve  
with Hose Connection  
U9306.00



S5 Discharge Valve  
U4604.00



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## DISCHARGE SETS



Discharge Set  
With S3 Valve - U4386.00  
With hose connection - U9537.00



Discharge Set  
With S5 Valve  
U4653.00  
U4681.00  
With hose



Telescopic Discharge Tube  
with valve - 1 nozzle  
2.5mm - U4768.00  
0.6mm - U9767.00



Spraying Discharge  
Tube  
2 nozzles  
U4222.00



Curved Discharge  
Tube  
U4751.00

## DISCHARGE TUBES



Discharge Tube with Tip  
Copper Tube - 4490.00  
Aluminium Tube - U4353.00



Discharge Tube  
90 cm - K4281.00  
120cm - K4280.00



With adjustable tip - K9582.00  
Without adjustable tip - U4749.0000



Double-Outlet Discharge Tube  
U4223.00



## FLOW RATE REGULATORS



Flow Rate Regulator  
with Pressure Gauge  
U9634.00



Flow Rate Regulator  
Standard without Pressure  
Gauge U9639.00



Pressure Gauge  
with Connector  
U9650.00



Regulating Valve Pressure and Flow  
Yellow (1BAR) - U7464.00  
Red (1.5 BAR) - U7465.00  
Blue (2 BAR) - U7466.00  
Green (3 BAR) - U7467.00

## OTHERS



Weed Control Shield  
U7860.00



Waist Belt for 20L  
Backpack Sprayer  
K9774.00.00



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