BIRCHMEIER®

SMART UND SWISS SEIT 1876

Swiss quality for happy gardeners

Gardening like the professionals



Made in Switzerland

10 Years
Spare part and Service Guarantee

For the environment – long-lasting quality products and spare parts guarantee

Birchmeier – Swiss innovation and quality with sustainability

Our philosophy

For over 144 years, our philosophy has been based on the quality, functionality and robustness of our products. Our focus lies in developing optimum products for efficient working.

Products designed with competence…

We specialize in spraying, foaming, dispensing and dusting technologies. By concentrating on specific areas of application, we have the competence to offer our customers proven products with optimum functions. Professional and private users around the world value our devices thanks to their durability and quality.

… for guaranteed quality

This is the result of our experience, uncompromising design and choice of materials. Thanks to our own development and production facilities in Switzerland and a proven supplier network, we are experts in our field and can thus offer consistently high product quality and reliable service. To allow our customers to enjoy our devices for a long time, we ensure that spare and expendable parts remain available for ten years or more after a product is discontinued.

Knowledge and synergies

Since the beginning, we have focused on plant protection and have provided products for industry, cleaning and hygiene as well for more than 100 years now. Our existing and future products benefit from this experience.
We share this knowledge and offer wholesale and retail staff theoretical and practical training.



Over 140 years of innovative and efficient sprayers for our customers



Birchmeier – own production facilities in Switzerland













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TIP

You will find our gardening tips here

Hand sprayers – noticeably better



Spray upside down at an angle of 360°. Just one of the innovations that Birchmeier developed for professional gardening.

Robust hand sprayers for the home, garden or workshop

- Spray in any position, whether it be standing, lying or upside down – 360°
- 0.5 l capacity
- High-quality plastic container
- Adjustable spray pattern from jet to mist
- Fine, even spray pattern



Foxy Plus | Melua 0.5 | Super McProper Plus



Solution Collection 360°



Landlution | Skylution | Sunlution | Orangelution | Zebralution

Petlution Collection 360°



Horselution | Catlution | Rabbitlution | Birdlution | Doglution

Dosing units – ingenious



Fertilizer mixing unit for liquid fertilising.
No more carrying heavy watering cans.





- Fill in the liquid concentrate
- Select the dilution level
- Connect a garden hose

TIP

Invigorate your soil

If plants are no longer blooming and fertiliser isn't helping; the cause is often compacted depleted soil. Moisture accumulates and plants cannot root properly or root just below the surface. The fertility of the soil is reduced. Apply liquid microorganisms! They strengthen and support the microorganisms in the soil for active soil life and high soil fertility.

Recommended unit: Aquamix 1.25 V

Aquamix 1.25 V dosing unit – the right mixture every time

- Suitable for:
  - Liquid plant fertilisers
  - Liquid lawn fertilisers
  - Microorganisms
  - Plant strengtheners
- Choice of dilution levels:
  0.2% / 0.5% / 1% / 2%

Dosing units – a problem solver for natural plant protection

- Pour in standard nematodes
- Select nematodes (NE) or clear water (0)







Weevils

AquaNemix 1.25 V dosing unit

- For applying nematodes quickly and easily
- Choice of settings:
  - Nematodes
  - Clear water for soaking the nematodes

TIP

Applying nematodes successfully

The microscopic threadworms are effective against snails (PH nematodes), weevils and garden chafers (Heterorhabditis or Steinernema nematodes). Approx. 500'000 nematodes are required for 1 m². Ready-to-use packages for 20, 50 or 100 m² are available. The nematodes require a soil temperature of at least 12°C to be sufficiently active. Water the soil before applying nematodes! After application, water thoroughly and do not allow the soil to dry out for the next two to three weeks as nematodes require damp soil in order to move.

Recommended unit: AquaNemix 1.25 V

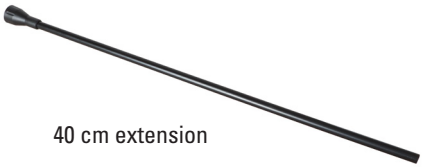
Powder dusters – ideal for biological use











40 cm extension

Practical Bobby 0.5 powder duster for the gardens, houses or farms

- For applying stone meal, sulphates, algal lime, diatomaceous earth
- Plastic tank with a 0.5 l capacity (approx. 500 g of powder)
- Big bellows for more range
- Changeable nozzles and extension for precision dusting

TIP

Vegetable bed

Dusting with stone meal is effective against flea beetles and vegetable flies. When a very thin layer is applied to the leaves, it affects the pests' breathing and movement. Snails too dislike the floury coating on the underside of leaves and avoid your vegetable plants.

Recommended unit: Bobby 0.5



DR 5 powder duster for larger areas

- Pressure tank
- 5 l capacity (5 kg of powder)
- 3 bar air reservoir
- High-performance hand pump and compressed air connection valve

Pressurized pump sprayers – robust and versatile

Handy compression pump sprayers
for home and garden.





Super Star 1.25 Spray-Matic 1.25 P Rose Star 1.25

Handy compression sprayers for the home, garden or workshop

- High-quality plastic tank
- 1.25 l capacity
- 3 bar air reservoir
- Adjustable brass nozzle with swivel head, ideal for spraying under leaves





Trendy sprayers for urban gardens

- 1.75 l capacity
- 3 bar air reservoir
- Adjustable brass nozzle with swivel head for a fine spray

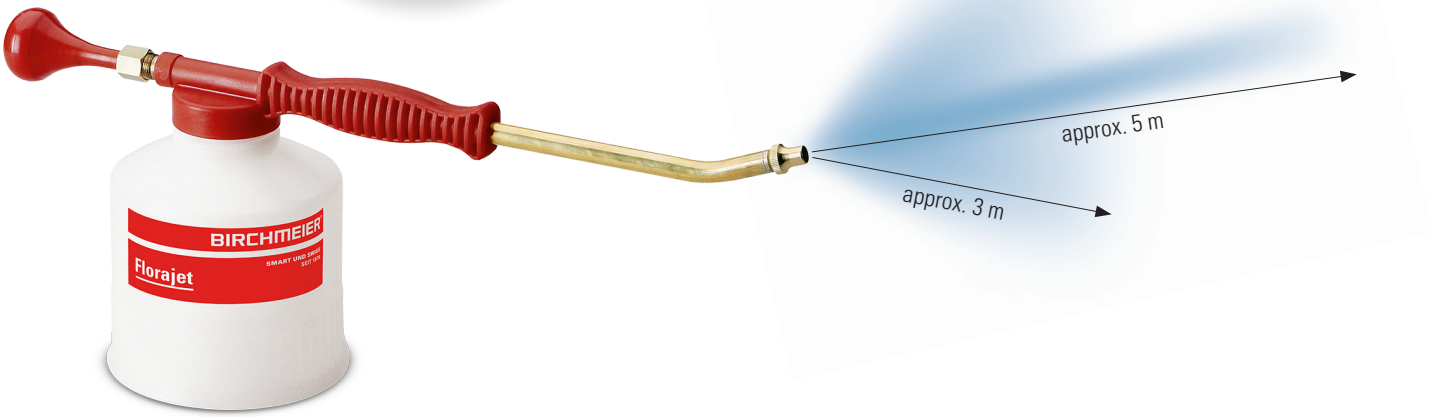


Urban Star 1.75 Urban Star 1.75 Urban Star 1.75

Piston sprayer – proven and unique

A robust, powerful long-distance
sprayer with a high-performance design.





Florajet – an accurate, fine spray for long distances

- Particularly suitable for roses
- Plastic tank
- 1 litre capacity
- Very fine spray

Long-distance spraying
By removing the swirler from the standard mist nozzle, a jet of up to 5 meters can be achieved.

Compression sprayers – robust, reliable, versatile

The right sprayer for any application, from hobby to professional use…



Compression sprayers for general use

- Large air reservoir and high-performance pump for greater convenience when working
- Adjustable nozzle
- Safety and relief valve
- Different versions
- Wide range of accessories (see page 13) and numerous other products for the gardening trade

… in the garden, garage, workshop or house.









Profi Star 5



Garden Star 3



Hobby Star 5



Organic Star 5

Particlarly resistant to acetic acid

Can be used in the garden, garage, workshop or house
Suitable for trees, shrubs, seedlings, flowers, lawns, for fertilizing, for preventing and combating pests and much more.







Astro 5



Spray-Matic 5 P



Clean-Matic 5 P

Can be used for spraying and foaming for professional cleaning and disinfection in industry
Spray cleaning and pretreatment, carpet cleaning, vehicle cleaning, disinfecting facilities in the food and drink industry, sanitary cleaning, removing graffiti etc.

Backpack sprayers – for larger gardens

⚠ Important! Wear personal protective equipment (PPE) according to the product used and the legal requirements.



Fertilizing, preventing and combating pests, watering

Backpack sprayers for demanding users for over 120 years

- Max. 15 litre capacity
- Robust and maintenance-friendly thanks to external pump
- Prevents fatigue and protects your joint while working

Backpack sprayers – convenient, comfortable and economical.



Flox 10



Iris 15

NEW generation

For larger gardens, we recommend backpack sprayers: these top-quality products are extremely comfortable and work perfectly thanks to a wide variety of nozzles and a wide range of accessories. Tested by professionals and with a ten-year spare parts guarantee.



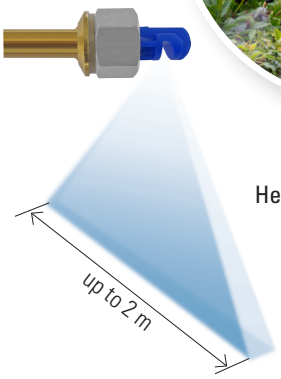


RPD 15



Organic Star 15

Particlarly resistant to acetic acid



Herbicide floodjet nozzle

A wide range of accessories



Vario Gun



Spray hood



Spray boom



Nozzles



Biofilter



Extensions and telescopes

TIP

Roses

Check your roses regularly for pests, ideally every 14 days starting from spring when buds are forming until the end of September.

In order to prevent fungal diseases, e.g. powdery and downy mildew, rust or black spot disease, you can spray your plants thoroughly with a fungicide early on. The last treatment should be in late autumn in order to prevent harmful fungal spores overwintering. If you have already noticed a fungal infestation, cut off faded rose flowers in good time to prevent the disease spreading further.

Spray aphids and all eating and sucking pests immediately with an insecticide. An acaricide is particularly suitable for spider mites. The treatment should be repeated at intervals of no more than 14 days until no more pests can be seen.

Recommended units: Garden Star 3 / 5, Profi Star 5, Flox 10, Iris 15, REA 15 and REC 15
For climbing roses, we recommend an extension tube.

«Accu-Power» sprayers for professional use

With «Accu-Power» for bigger garden jobs.



One battery, many solutions CAS CORDLESS ALLIANCE SYSTEM

metabo · ROTHENBERGER · Collomix · EISENBLÄTTER · ROKAMAT · EIBENSTOCK · PREBENA · Pressfit

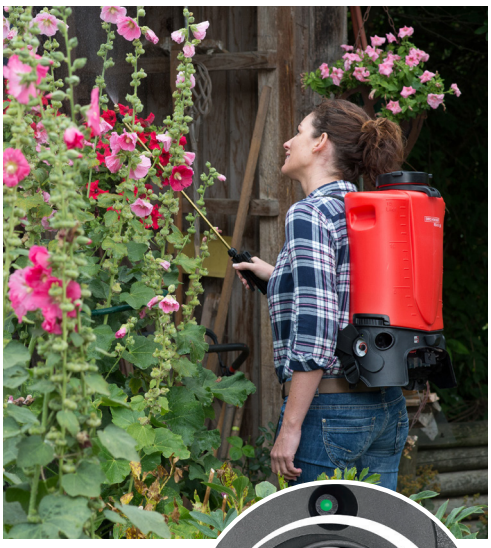
BIRCHMEIER · mafell · edding · starmix · part of starmix haaga · STEINEL · fischer · Cembre · JOST

www.cordless-alliance-system.com

⚠ Important! Wear personal protective equipment (PPE) according to the product used and the legal requirements.









Continuously variable pressure setting – from 0.5 – 6 bar depending on the sprayer



REC 15



REA 15

ACCU POWER



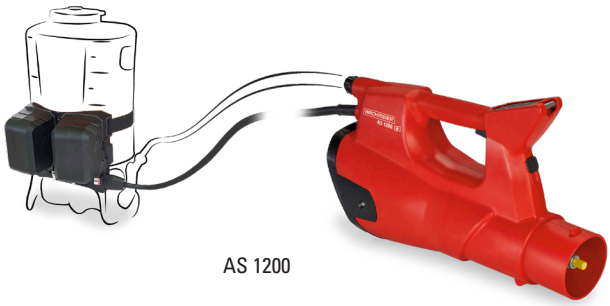
REB 15



Organic Star 15 Accu

Comfortable battery backpack sprayers

- Modern CAS battery technology from the professional sector
- Electronic pressure control
- Quick change system for the battery pack
- Protection program for pump and battery pack
- Work with a constant pressure for many hours



AS 1200

TIP

Fruit trees

Who wants worm-eaten fruit? A so-called winter spray can help. After all, pests withdraw to plants and trees in the winter in order to survive and multiply. The best time to spray trees with a biological agent (paraffin or rape seed oil) is February / March when the buds become sticky and burst open but the leaves are not yet visible (mouse ear stage). The maximum daily temperature should not exceed 8 °C otherwise the spray liquid will run down the branches too quickly. The non-toxic oil encases the pests and their larvae so that they suffocate.

Recommended units: Garden Star 3 / 5, Profi Star 5, Flox 10, Iris 15, REB 15 and REC 15

Granular spreader – spreading has never been so easy

The Granomax is really easy to use: simply fill it up, hang it over your shoulder and start spreading.

The application is in principle very easy. Fill it up, pull the Granomax around your back and start spreading.









5-stage flow rate control allows an accurate dosing

Viewing window granule flow

Dust proof 6.5 litres (approx. 5 kg granular fertiliser) bag with large opening and zip closure

The clever carrying system enables by simply shifting the bag / belt, a continuously and uncomplicated adjustment of the spreader height

The spreader allows (due to the clever geometry) even spreading in any situation

Granomax 5, the unique fertilizer and salt spreader

- For even spreading
- For granules up to 4 mm in diameter
- Dust proof 6.5 l bag (approx. 5 kg of fertilizer / 8 kg of salt)

Petrol can – refuelling at your fingertips

Refuel small power equipment fastly,
easily and conveniently.







No spills and no awkward handling,
everything easy and clean.

Rapidon 6 – refuel the clever way at your fingertips

- For refuelling power equipment
- Easy, quick and convenient with no spillage
- 6 litre capacity

General tips

- Pesticides are much cheaper if you buy concentrates rather than ready-to-use products. Always dilute concentrates with the required quantity of water. Use pesticides you have already mixed within 24 hours – after that, they become less effective.
- Determine exactly what pests you have before choosing a suitable pesticide. Ask for advice at a specialist shop.
- Any remaining pesticide and the water used to clean containers should not be poured into drains, gullies or waterways. Any remaining pesticide and the water used to clean containers should be highly diluted (at least 1:10) and then applied to the area previously treated.
- Always wear rubber gloves and safety goggles when mixing pesticides.
- If you are using a powder, ensure that it has completely dissolved before filling your sprayer to prevent blockages in the hose and nozzle.
- Never treat plants in hot weather or when the sun is shining as the leaves could be burned. The most effective spraying method is to use a fine spray on and under the leaves. This ensures an even dew formation which will dry slowly.
- Always clean your sprayer thoroughly after use.
- The easiest way to apply wood preservatives and impregnation agents, e.g. for garden fences, is using a special resistant sprayer.

For further information, visit **www.birchmeier.com**



Dosing table

Concentration	ml in …						
	0.5 litres	1 litre	3 litres	5 litres	10 litres	15 litres	20 litres
0.02 %	0.1	0.2	0.6	1	2	3	4
0.025 %	0.13	0.25	0.75	1.25	2.5	3.75	5
0.03 %	0.15	0.3	0.9	1.5	3	4.5	6
0.04 %	0.2	0.4	1.2	2	4	6	8
0.05 %	0.25	0.5	1.5	2.5	5	7.5	10
0.06 %	0.3	0.6	1.8	3	6	9	12
0.075 %	0.38	0.75	2.25	3.75	7.5	11.25	15
0.1 %	0.5	1	3	5	10	15	20
0.15 %	0.75	1.5	4.5	7.5	15	22.5	30
0,2 %	1	2	6	10	20	30	40
0.25 %	1.25	2.5	7.5	12.5	25	37.5	50
0.3 %	1.5	3	9	15	30	45	60
0.33 %	1.65	3.3	9.9	16.5	33	49.5	66
0.4 %	2	4	12	20	40	60	80
0.5 %	2.5	5	15	25	50	75	100
0.75 %	3.75	7.5	22.5	37.5	75	112.50	150
1 %	5	10	30	50	100	150	200
1.5 %	7.5	15	45	75	150	225	300
2 %	10	20	60	100	200	300	400
3 %	15	30	90	150	300	450	600
	Solution Foxy Plus	Super Star 1.25 Florajet	Garden Star 3	Hobby Star 5 Garden Star 5 Profi Star 5	Flox 10 Iris 15 REA 15	REB 15 REC 15	Senior 20 A 50 A 75 / A 130

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Website, YouTube, Facebook, Instagram, blog

Stay up to date…

The easy way to find products, accessories and spare parts
Tips and tricks from gardeners



Available immediately at any workstation

Available on the move – everywhere

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Discuss and share your stories and your opinien about Birchmeier products.

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Blog
Subscribe for our blog at «forum.birchmeier.com» and get the latest news about tips & tricks about home & garden.

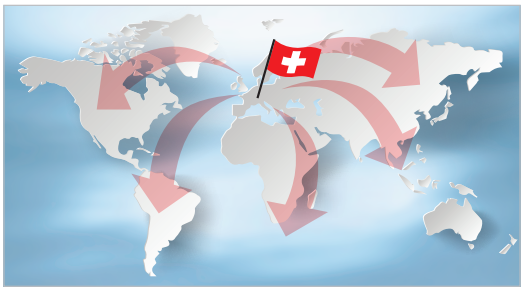
www.birchmeier.com

SMART UND SWISS – products from Birchmeier

Simply better…



Since 1876 Birchmeier has been manufacturing high quality sprayers, foamers and dosing units for gardeners, farmers, trade and industry. Functional and durable quality products for demanding users around the world. Innovation, the very highest quality standards and our belief in Switzerland as a business location are the cornerstones of our company philosophy.





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SMART UND SWISS – Company presentation

Link to the company video: https://youtu.be/NaT1LzOw3Pw



