



PRECISION SEEDERS



For manual seeding, Terradonis range of machines offers top end performances, with no equivalent on the market.



Terradonis has chosen these particular seeders because of their outstanding results, both in Africa and in Europe, obtained by farmers and vegetable growers who need to combine low cost and precision seeding.



Manual, trailed or self-propelled, small or large seeds, we have the seeder adapted to your needs.

Terradonis

A range of professional solutions for all your sowing needs in market gardening and farming!

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SMALL GRAIN SEEDERS

Clever, precise and user friendly



The "small grain" seeders operate on the basis of using a clip-on hopper with a seeding roll inside.

All the parameters ensuring high-quality work are very easily adjustable: type of sowing (in strips, in bunch, individual seeds), spacing between the seeds on the row, sowing depth, covering over the furrow and spacing between the rows. All our seeders are fitted with a clutch system.

Demonstration video available on www.terradonis.com

Tool-free adjustment

Our seeders are designed to enable you to carry out all adjustments without any tools. All you need to do is change two sprockets to alter the distance between the seeds on the row. They are all supplied as standard and enable you to create 11 different combinations, so that you can make fine adjustments to the spacing between seeds.

Example: the "X-24" roll for radishes comprises 24 holes. This means the distance between seeds can be adjusted between 27 and 64 millimeters. By placing sprocket "13" at the front and sprocket "11" at rear, the distance between each seed will be 35 millimeters.

		Number of teeth per sprocket											
		Front	14	14	13	13	11	11	10	11	10	10	9
		Rear	9	10	10	11	10	11	11	13	13	14	14
Number of holes per roller	6	Distance between seeds	105	115	125	140	150	165	180	195	215	230	255
	12	in millimeters	53	58	63	70	75	83	90	98	108	115	128
	24		27	29	32	35	38	42	45	49	54	58	64

Ready to get sowing!

Once you have chosen your seeder and rollers, you are ready to get sowing! Our seeders should be used on prepared ground.



Seeding rollers essential for using the seeder (as an option)					
Crop	Rollers	Crop	Rollers	Crop	Rollers
Basil	YX-24	French beans (average size: Ø 7.50 mm to Ø 11 mm)	N-6	Rocket	X-12
Beet, chard, Swiss chard	FJ-12	Leek	Y-24	Sorrel	YYX-12
Beetroot (average size: Ø 5.50 mm)	MJ-12	Lettuce (coated seeds)	MJ-6	Spinach	FJ-24
Cabbage	YYJ-6	Lettuce (raw seeds)	XYJ-6	Swede	YYJ-6
Carrot	XY-24	Linseed	Y-24	Sweet corn	A-6
Celery	XYJ-12	Mange-tout	AA-12	Thyme	YYX-12
Chicory	XYJ-12	Mint	YYX-12	Tomato	X-2
Chive	Y-24	Onion (raw seeds)	X-24	Turnip	YX-12
Coriander	MJ-12	Parsley	YYJ-24	Contact us for any special requirements.	
Corn salad	FJ-24	Parsnip	L-12		
Endive	XYJ-12	Pea	N-6		
Fennel	X-12	Radish	X-24		



The Terradonis hopper

The system for unhooking the hopper is very clever. It enables you to change seeds effortlessly in just a few seconds. Each hopper is designed in sturdy, transparent, anti-static plastic which means the user can see the volume of seeds left at any time. It is easy to clean, protects the seeds from rain and does not rust. The price/performance ratio of our seeders is quite simply... exceptional!



Just like the "small grain" seeders, the "large grain" seeders are designed to enable you to carry out all adjustments without any tools.

LARGE GRAIN SEEDERS

Clever, precise and user friendly



These seeders were created to sow large seeds such as broad beans and kidney beans. The hopper has a 5-liter capacity and is ideally suited to these varieties.

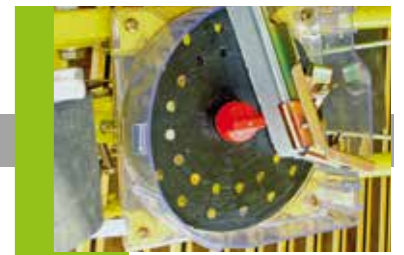
The hopper has the same features as the one designed for small grain seeders.

It is sturdy, transparent, anti-static and protects the seeds.

The "large grain" models use a disc rather than a roller to select one or two seeds from the hopper at the same time.

The discs with only one row of holes enable you to sow one seed, and those with a double row of holes enable you to sow two seeds at the same time.

Demonstration video available on www.terradonis.com



Ready to get sowing!



Once you have chosen your seeder and discs, you are ready to get sowing! Our seeders should be used on prepared ground.

Seeding discs essential for using the seeder (as an option)								
Crop	Discs	Number of holes	Crop	Discs	Number of holes	Crop	Discs	Number of holes
Barley	W-2	8	Broad bean	F8-66	8	Peanut	C-2	8
Bean	C-2	8	Kidney bean	F8-88	8	Sorghum	F8-88	8
Bean (lingot)	A-22	8	Maize	A-3	8	Soybean	A-1	8
Black-eyed pea	C-2	8	Pea	A-2	8	Wheat	S-2	8







Contact us for any special requirements.

OUR MODELS

"Large grain" models

Manual models	Mounted models
1 row	Independent units
	
JD1	JDT

"Small grain" models

Manual models			Mounted models		Self-propelled models
1 row	3 rows	6 rows	Independent units	3 to 12 rows	6 to 12 rows
					
JP1	JP3	JP6	JPH	JTS	JAS

SMALL GRAIN SEEDERS

Manual models



The JP1 Single-row manual seeder

The JP1 seeder is the easiest one to handle in the range. It adapts to its user's body shape perfectly. The height and angle of the handle are fully adjustable. A second handle located at the front makes it easier to transport.

The ergonomic handle (1) slides to the right and left to let you walk alongside the row, while still maintaining enough pressure to make sowing easy. The toothed front wheel (2) provides better ground adhesion. The 45 mm wide soil opener allows you to open up the furrow. The soil cover plate (3) easily covers the seeds and the rear wheel finishes off the job by pressing down the earth.



The JP3 Manual 2 to 4 row seeder

The JP3 is a three row manual seeder comprising a 30 cm wide fixed chassis. It can be used as a two or four row seeder by adding or removing seeding units. The minimum spacing between two rows is 7.5 cm. The maximum spacing depends on the number of seeding units used.

The heavy duty version

There is also a heavy duty version of the JP3 available which is designed to deal with tough conditions (stony soil): metal front and rear wheels, reinforcements on the chassis and on the wheel axles.



The JP6 Manual 5 to 7 row seeder

The JP6 is a manual seeder comprising a 60 cm wide fixed chassis. It can be used as a five or seven row seeder by adding or removing seeding units. The minimum spacing between two rows is 7.5 cm. The maximum spacing depends on the number of seeding units used.

The heavy duty version

There is also a heavy duty version of the JP6 available which is designed to deal with tough conditions (stony soil): metal front wheels and reinforcements on the chassis.



Mounted models



The JPH The most versatile

The JPH can be used from 1 to 8 rows and more over a maximum width of 3 meters.

Depending on your requirements, it can be mounted on a tractor and a cultivator, or even on a micro tractor.

Ideal in open fields

The JPH seeder is ideal for sowing in open fields. Each seeding unit reacts independently to soil variations. It can also be used in glasshouses.

Customizable row spacings

The JPH model allows users great flexibility in adjusting the spacings between rows. The seeding units are independent of each other. The minimum spacing between rows is 15 cm.



The JTS Ideal in glasshouses

This is a special range of mounted seeders suited to working in glasshouses.

These seeders are ideal for sowing radishes, rocket and salad leaves in 30, 60 and 120 cm beds (3 to 12 rows - single, double or in strips), with a spacing between units of at least 7.5 cm. They can be mounted on a tractor, a micro tractor, a cultivator or even a quad.

The JTS is available as standard in 3, 6 and 12 row versions. It is possible to cancel out one or more rows depending on what you want to sow.



3 rows

Chassis width: 30 cm
Maximum distance between each unit: 15 cm
Minimum distance between each unit: 7 cm



6 rows

Chassis width: 60 cm
Maximum distance between each unit: 12 cm
Minimum distance between each unit: 7 cm

12 rows

Chassis width: 120 cm
Maximum distance between each unit: 11 cm
Minimum distance between each unit: 7 cm



For other configurations, contact us for a customized quotation.

SMALL GRAIN SEEDERS

Self-propelled model

The JAS Ideal in glasshouses



This is a special range of self-propelled seeders suited to working in glasshouses.



These seeders are ideal for sowing radishes, rocket and salad leaves in 60, 90 and 120 cm beds (6 to 12 rows - single, double or in strips), with a spacing between units of at least 7.5 cm.

The JAS is available as standard in 6, 9 and 12 row versions.

It is possible to cancel out or more rows depending on what you want to sow.

For other configurations, contact us for a customized quotation.

JAS 600



6 rows

Chassis width: 60 cm
Maximum distance between each unit: 12 cm
Minimum distance between each unit: 7.5 cm

9 rows

Chassis width: 90 cm
Maximum distance between each unit: 11.25 cm
Minimum distance between each unit: 7.5 cm

JAS 900



12 rows

Chassis width: 120 cm
Maximum distance between each unit: 11 cm
Minimum distance between each unit: 7.5 cm

JAS 1200



For an easy use

- The weight of the machine, which is located on the rear part of the machine, allows an easy rotation at the end of the row.
- The flanged roll increases the grip of the seeder and allows an optimum distribution of the seeds.
- Each seeder is supplied with transport wheels. An optional system of wheels drive by the engine is available.

LARGE GRAIN SEEDERS

Manual model

The JD1 Single-row manual seeder



The JD1 is a single-row manual seeder designed for species with large seeds (kidney beans, broad beans, peas).

It is precise, fully adjustable and clever, making set-up and handling easy. It only weighs 12 kilos. It is fitted as standard with a disc soil opener, which means it is particularly effective on land that is difficult to work.

Demonstration video available on www.terradonis.com

Mounted model

The JDT Seeder to be mounted on a tractor or cultivator



The JDT can be used from 1 to 8 rows and more over a maximum width of 3 meters.



Depending on your requirements, it can be mounted on a tractor and a cultivator, or even on a micro tractor.

Ideal in open fields

The JDT seeder is ideal for sowing in open fields. Each seeding unit reacts independently to soil variations. It can also be used in glasshouses.

Customizable row spacings

The JDT model allows users great flexibility in adjusting the spacings between rows. The seeding units are independent of one other. The minimum spacing between rows is 22 cm.



SPOTLIGHT ON THE OPTIONS!

Seeding rollers

The seeding rollers are essential for using the "small grain" seeders. You need one roller per row and per species sown.

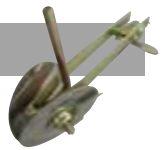


Seeding discs

The seeding discs are essential for using the "large grain" seeders. You need one disc per row and per species sown.

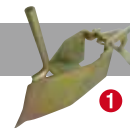
Disc soil openers

The disc soil opener optimizes the structure of your rows and smoothes the furrows.



Soil openers

The soil openers⁽¹⁾ are designed for broadcasting seeds in strips of 60, 75 or 120 mm. The "double row" soil opener⁽²⁾ is our customers' favorite option, as it enables you to double each row sown, with a spacing of 45 mm between rows. Option available for: JP1, JP3, JP6, JAS, JPH and JTS.



= **standard soil opener**



= **"double row" soil opener**

Fertilizers

The fertilizer spreaders allow you to fertilize your rows before covering over each furrow. We can propose fertilizers for manual seeders JP1⁽¹⁾ and for trailed seeders JPH / JDT⁽²⁾.



Other options :

- The hopper extension allows you to triple the capacity of your hopper from 1 l to 3 l.
- The combination kit is designed to link two seeders together.
- The metal row marker, adjustable over one meter, is offered to all users of the JP-1 model to optimize the precision of their sowing.

Your irrigation equipment is now available online on www.irridonis.com



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