

LEHNER



SuperVario®

Operating instructions with spare parts list

LAS 4 controller

Software from Version 3.6 onwards

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Serial number:

Software version:

Original operating instructions

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1. What you should know

1.1 Foreword

Congratulations on your purchase and thank you for the confidence you have placed in us. With the SuperVario® you have acquired a high-quality and innovative product.

Thanks to its advanced design, meticulous material selection, state-of-the-art manufacturing techniques and the precision work of our employees, this equipment meets all efficiency, quality, reliability and value requirements.

Maintaining and servicing in accordance with the operating instructions ensures that your **SuperVario®** is safe and retains its value.




1.2 About these operating instructions

These operating instructions belong to the SuperVario® and must always be readily available. They must be read and followed by all persons who work with the SuperVario®.

They will familiarise themselves with the technical details and find out how to control the machine and optimise its performance.

Warnings

Warnings in these operating instructions are identified as follows:

	<p>Danger!</p> <p>Warning against immediate danger. Non-observance of appropriate measures may result in death and severe personal injury or serious damage to property.</p>
	<p>Warning!</p> <p>Warning of possible danger. Death, severe personal injury or serious damage to property are possible.</p>
	<p>Caution!</p> <p>Warning of possible dangerous situations. Slight personal injury or damage to property is possible.</p>

1.3 Intended use

The **SuperVario®** is intended solely for spreading granulate and seeds.

1.4 Warranty

We provide a 24-month warranty on the **SuperVario®**.

**Caution!**

Faulty or incorrectly dimensioned plugs and cables can lead to malfunctions. Only use original plugs and cables, or ones approved by the manufacturer.

Any changes to cable or plug connections without factory approval automatically invalidates the warranty. Motors may not be opened or dismantled.

Warranty repairs must be coordinated with the manufacturer before any work is started.

For replacement parts, additional expenses are automatically charged for any changes made to cables and plugs by the customer. Replacement parts are to be returned carriage paid.

Rusted bearings are not covered by the manufacturer's warranty.

Prior to assembly:

Check your **SuperVario®** on receipt for any damage caused in transit. Any such damage must be reported to the manufacturer within 24 hours of receipt.

1.5 About your safety

- Carefully read and observe these operating instructions before use. Always keep these instructions at the point of use.
- Observe the accident prevention regulations, safety and operating regulations and the regulations for environmental protection.
- Observe all applicable standards and guidelines.
- When travelling on public roads and streets, observe the road traffic regulations.
- Observe the safety instructions.
- Immediately resolve any safety-related defects.
- Keep out of the spreading zone. Make sure that no other persons are in the spreading zone.
- Do not reach into the hopper during operation.
- Follow the safety guidelines of the package insert when spreading granulates.
- Wear protective clothing, and universal protective gloves in particular, when filling with slug pellets or mouse bait. Fill only with the quantity of pellets or mouse bait needed in the short term. Return any remaining product to the original packaging. Ensure that the product does not get into the environment uncontrolled.
- Observe the following points when spreading slug pellets:
The device should be mounted only on the front of carrier vehicles having an enclosed cab.
Windows should remain closed.
Make sure that the air supply into the cab is always filtered. The user is responsible for making sure that filters are functioning.
- Do not undertake any repairs, maintenance or cleaning work on the **SuperVario®** when the mains plug is inserted.
- Comply with the regulations of the spreading material manufacturer.
- Compliance with the instructions of the respective spreading material manufacturer is essential.
- LEHNER Agrar GmbH cannot accept any liability for the storage and application of the spreading material.

2. Starting up the SuperVario®

2.1 Mounting the frame

The **SuperVario®** can be screwed on directly or attached by means of an auxiliary bracket.

Mounting holes are provided on the back of the frame.

The delivery height can be found in the spreading charts (1.00 - 1.30 m).

The **SuperVario®** can be attached to the front or rear of a tractor, off-road vehicle, ATV or soil cultivation equipment. Because the **SuperVario®** is considerably heavier with a full hopper, check the load capacity of platform gates and other consoles.

2.2 Electrical connection

Technical data

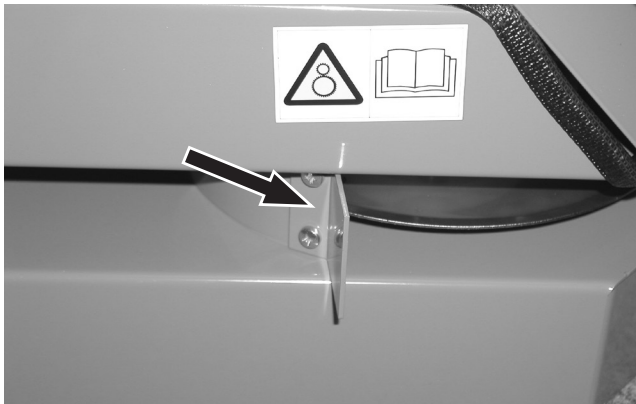
Operating voltage	12 to 15 V
Fuse	25 A
Motor output	300 W
Speed range	200 to 3000 rpm
Power consumption of motor	At start, up to 25 A; normal operation up to 18 A
Operating temperature	-10 to +70 °C
Storage temperature	-30 to +70 °C
Weight of SuperVario® 70/110/170	31.5/33/35 kg

Any changes to cable or plug connections without factory approval automatically invalidate the entire warranty. Changes to cables are automatically charged in the event of repairs.

You must consult the manufacturer before carrying out any cable modifications.

Power loss must be taken into account when extending cables. A poor power supply may prevent you from achieving the desired speed. Also, this could lead to intermittent complete failure.

2.3 Attaching the SuperVario®



1. Check that the hopper fits well in the hopper platform.
2. Using screws, attach the supplied impact plate (arrow) perpendicular to the spreader.
3. Check that the **SuperVario®** is securely attached.


Note:


The handles (2x) can be fitted in the holes provided for them to make the machine easier and better to handle.

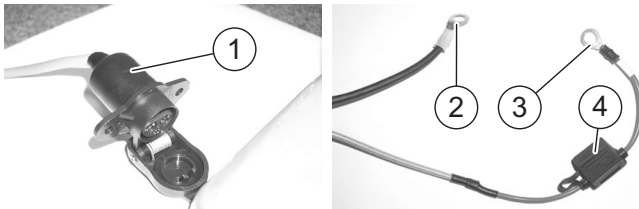
Important:

The handles may only be used when the hopper is not filled.

2.4 Mounting the control panel

	<p>Caution!</p> <p>Ensure that the cable is not routed over any sharp edges.</p>
---	---

	<p>Important!</p> <p>Make sure that you use only the battery cable supplied.</p>
---	---



1. Mount the support for the control console in the vehicle cab.
2. The supplied battery cable must be installed, even if there is a socket available, as our battery cable is 4mm².

Connect terminal **2** to the negative terminal of the battery (not to the bodywork).

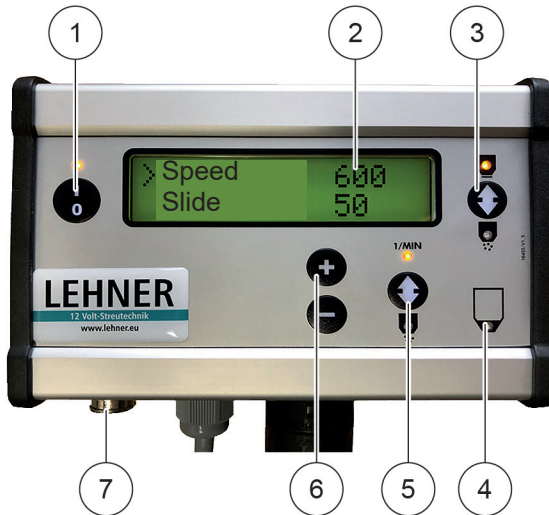
Connect terminal **3** (with fuse 4) to the positive terminal of the battery. Run the end of the cable with the socket into the carrier vehicle.

3. Plug the spreader cable into the 16-pin socket of the control panel.

Your device is now ready to operate.

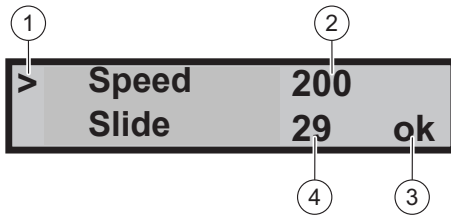
3. Operating the SuperVario®

3.1 Controls on the control panel



1. Switching on / off
2. Display
3. Opening and closing the slide
Slide open: green LED lights up
Slide closed: yellow LED lights up
4. Empty indicator
5. Switch to change between speed and slide
6. Setting the speed or slide
7. Preparing the headland manager

3.2 Information shown on the display




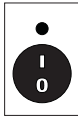
1. Arrow denotes the active line
2. Spreading disc speed
3. OK sign for open slide
4. Slide opening



For error messages, see also section "6.4 Troubleshooting" on page 37.

3.3 Switching on / off

	<p>Danger!</p> <p>The drive motor starts immediately when switched on. Make sure that no-one is in the danger area when you switch the system on.</p>
---	--



Press the button.

The speed of the spreading disc and the slide opening are displayed. The slide is always closed at switch-on.

> Speed	200
Slide	29

If this message is displayed, a cable is damaged or a plug disconnected.

> Speed	200
Spr. connection	


Low temperatures can cause the empty indicator to respond slowly.

Check the setting:

1. Let the spreader run for approx. 1 minute with the slide closed.
2. If the slide is now opened, the empty indicator must respond after approx. 5 seconds.
3. If this does not happen, set the empty indicator in the negative range by 5%; see section "4.6 Adjusting the empty indicator" on page 21.

Autostart

If the motor is difficult to start due to heavy loads, start the motor up to 10 times in alternating running directions. If this does not free up the agitator, the motor is automatically switched off. The following message is shown in the display: **Disc blockage**.

	<p>Danger!</p> <p>Never open the hopper or touch the spreading disc when the drive motor is running. Switch off the drive motor and make sure that the motor is stopped before opening the hopper or touching the spreading disc.</p>
---	--

Remove blockage:

1. Switch off the motor.
2. Manually turn the spreading disc or empty the hopper.

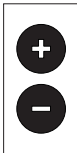
3.4 Setting the speed



If necessary, press the button to select the speed.

The arrow points to the first line in the display.

> Speed	200
Slide	29



Press the + or - button to set the speed.

The speed can be adjusted continuously from 200 to 3000 rpm.

The required rotational speed can be found in the spreading charts.

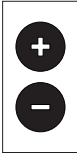
The set speed will be shown in the display for 10 seconds after which the actual speed will be shown.

3.5 Adjusting the slider opening



If necessary, press the button to select the slide; the arrow points to the second line in the display.

Speed	200
> Slide	29



Press the + or - button to set the slide opening.

The required slide opening can be found in the spreading charts.

3.6 Opening/closing the slide



Press the button to open or close the slide.

Slide open: green LED lights up

Slide closed: yellow LED lights up

> Speed	200
Slide	29 OK

Slide monitoring

If the slide does not open to the specified position within 10 seconds, the spreader switches off.

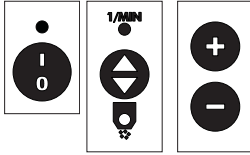
The following message is shown in the display:

Slide not open or Slide not closed. 5 warning signals also sound.

For troubleshooting, see section “6.4 Troubleshooting” on page 37.

3.7 Performing the slide reference run

The slide motor and control panel are adjusted to one another at the factory. This adjustment can be lost over time or when replacing the control panel.



Switch off the machine.

Press and hold the button for switching between speed and slide and the + button to switch the machine on.

Keep all three buttons pressed for about 3 seconds.

The slide performs its reference run.

The display shows approx. 240 as the upper value and approx. 40 as the lower value. Switch machine off at the main switch to save the values. If a slide reference run cannot be performed, the following message flashes on the display: no slide calib.

Check the mechanical clearance of the slide and perform the reference run again.

3.8 Setting the spreading width

The spreading width depends on the condition of the spreading material and the speed of the spreading disc. The more coarse the spreading material, the larger the possible spreading width.

1. Set the speed according to the spreading chart.
2. Set the casting blades according to the spreading chart.

3.9 Setting the agitator

Because grasses, in contrast to seeds with their grain structure, have very poor flow properties, the agitator must be adjusted accordingly.



Setting for grasses:

Upper stirring shaft on one side

Lower stirring shaft at a ratio of 2/3 or 1/3



Setting for remaining products:

Upper stirring shaft dismantled

Lower stirring shaft at a ration of 1 to 1



Danger!

Do not adjust the stirring shafts if the agitator is installed, which otherwise could lead to bearing failure on the motor.

1. Remove the hopper.
2. Firmly hold the spreading disc and turn the agitator to the right.
Important: Left-hand thread!
3. Appropriately install the stirring shafts.

3.10 Empty indicator

The empty indicator indicates when the spreading material in the hopper drops below a certain level.

The message "Hopper empty" flashes on the display for approx. 5 seconds. At the same time, 8 warning signals sound and the red LED on the empty indicator flashes.

To switch off the empty indicator, briefly close the slide or switch off the spreader.

3.11 Calibrating the empty indicator



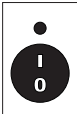
Caution!

Machine automatically calibrates the empty indicator.
Risk of injury!



Danger!

The drive motor starts immediately when switched on.
Make sure that no-one is in the danger area when you switch the system on.



Press and hold the On/Off button for about eight seconds.

Machine starts the calibration automatically. The spreading disc rotates for 30 seconds at maximum rpm. It then falls very slowly to 0 rpm. The parameters are stored in the controller.

Calibration takes three minutes.

During calibration of the empty indicator, the following message appears on the display.

Error	FLP = PWR
-------	-----------

The spreader switches off automatically once calibration is completed.

Calibration of the empty indicator has been successfully completed.
It is now possible to spread by restarting the machine.

4. Settings and displays

The control element can be used to make the following settings:

Language

Empty indicator selection

EHR signal

EHR cycle

Empty indicator adjustment

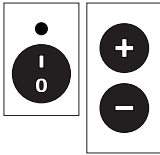
Spreader type

Number of spreaders

Motor selection

4.1 Making settings

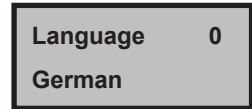
Switch off the machine.



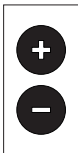
Press the + buttons and - button at the same time and hold them, thereby switching on the machine.

Keep all three buttons pressed for about 3 seconds.

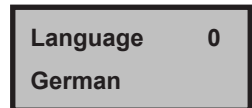
The language selection is displayed.



4.2 Language

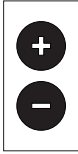


Press the + or - button to set the language.

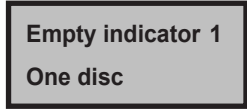


Press the toggle switch: the setting is saved. Press the next menu item or main switch: the setting is saved and the machine is switched off.

4.3 Selecting the empty indicator



Press the + or - button to select the empty indicator:



From spreading disc resistance via agitator motor with soft agitator via external empty indicator – not programmed or empty indicator switched off.

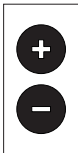


Press the toggle switch: the setting is saved. Press the next menu item or main switch: the setting is saved and the machine is switched off.

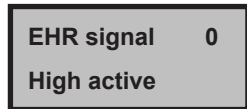
4.4 Setting the EHR signal

When the spreader is equipped with the headland manager accessory, the hydraulic signal of the tractor can be detected. This signal is emitted when lifting or lowering.

The spreader's factory setting is to output the signal when lifting. If the tractor emits the hydraulic signal when lowering, you can adjust the spreader.



Press the + or - button to set the EHR signal.



EHR signal for lifting:

High active is displayed.

EHR signal for lowering: Low active is displayed.



Press the toggle switch: the setting is saved. Press the next menu item or main switch: the setting is saved and the machine is switched off.

4.5 Setting the EHR cycle

In the headland manager (optional accessory), you can set how often the slide should open and close depending on the lifting and lowering of the hydraulics. The EHR cycle can be set to a maximum of 10 runs.

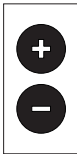
4.6 Adjusting the empty indicator

Depending on the requirement and spreading material, the empty indicator can be set to respond earlier or later.

The values can each be set from -50 to +50.

Note:

The remainder level may vary somewhat, depending on the spreading material or its humidity.



Press the + or - button to set the desired value.

Factory setting is 0.

+ values: Switch on and off at high fill level.

- values: Switch on and off at low fill level.

Setting	0
Empty indicator	ON



Press the toggle switch: the setting is saved. Press the next menu item or main switch: the setting is saved and the machine is switched off.

4.7 Displaying the spreader type

The controller is intended for various spreaders.

The **SuperVario®** is programmed at the factory. You can operate several LEHNER spreaders with this control unit.



Press the toggle switch: the setting is saved. Press the next menu item or main switch:

the setting is saved and the machine is switched off.

Spreader type	0
SuperVario	

4.8 Number of spreaders

This option is only activated for the Duo controller (optional accessory).

4.9 Displaying the motor

The SuperVario® can be equipped with 2 different drive motors.

The controller is programmed at the factory and set to the motor installed. The setting cannot be changed.

4.10 Headland manager (optional accessory)

If the headland manager is connected, an * is displayed at the end of the second line.

Speed	200*
Slide	29

With the headland manager, the slide is automatically opened when the hydraulics are lowered and automatically closed when lifting.

The slide can be stopped and closed **manually at any time** using the control panel.

When starting work using the headland manager, the slide must initially be opened manually.

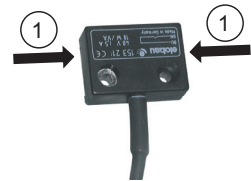
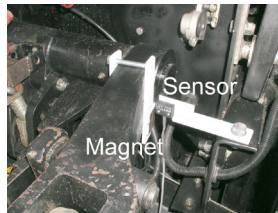
The signal can be detected by means of a 7-pin plug or a sensor signal.

7-pin socket



1. Connect the connecting cable of the control panel to the 7-pin signal plug of the tractor.
2. Set the EHR signal of the spreader depending on whether the tractor emits the hydraulic signal when lifting or lowering.

Sensor signal



1. Secure the sensor in the joint area of the lower link.
2. Secure the magnetic encoder to the lower link.
3. Set the position of the sensor and the magnetic encoder.
Maximum distance 10 mm.

Hydraulics lowered:

Sensor is not within range of magnetic encoder.

Hydraulics at the height where the slide should close or open:

Sensor has reached limit of range of magnetic encoder.

Hydraulics lifted:

Sensor must still be within the range of magnetic encoder.

When the hydraulics are lifted, the sensor must not go out of range of the magnetic encoder, as otherwise the slide will open again.

Please note that the contact surfaces **1** of the sensor are only located on the left and right sides.

4.11 Checks

Voltage check

In order to check the operating voltage (in V), the spreader must be on and the hopper filled.



Press the button for 5 seconds.

The operating voltage is displayed for 8 seconds.

Factory recommendation
min. 12.6 V.

Voltage 14.0 V

Performance check

The motor is set at the factory. No changes are permitted, otherwise the drive and control parameters no longer match.

To check the performance data, the spreader must be on.



Keep button pressed.

The following information is displayed:

Line 1: current drive motor, power consumption in watts, and exact speed.

Line 2: R value for factory-internal data, the motor voltage in volts, the current consumption of the motor in ampere.

TLB 23.4W 201

91R 3.4V 6.9A

4.12 Spreading width and turning procedure

Reference values for the spreading widths of individual spreading materials are available in the spreading charts included.

If you turn the spreader, please note that the spreading material continues to roll on firm surfaces, while on the field it falls directly into the surface soil. In addition, the flow quantities differ from the testing values due to various vibrations during field use.

Turning down

1. Put the spreader in the carton or put the carton over the spreader to catch the spreading material.
2. Set the speed of the spreading disc, the speed must be the speed used in practice due to the suction effect.
3. Weigh the ejected spreading material at various slide positions until the suitable slide position is determined.

Determining the spreading width

1. Spread on a firm surface.
2. Sweep up and weigh the spreading material.

Formulae

Discharge volume in kg/min x 600

= speed in km/h

Output rate in kg/ha x spreading width in m

Discharge volume in kg/min x 600

= output rate in kg/ha

Speed in km/h x spreading width in m

Output rate in kg/ha x speed in km/h x spreading width in m

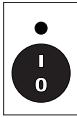
= discharge volume
in kg/min

600

To set your SuperVario® spreader precisely, we recommend using our LEHNER spreading app. Download this free of charge at:



4.13 Setting the auto-dose (special accessory)



Press the buttons.

The speed of the spreading disc and the slide opening are displayed.

The slide is always closed at switch-on.

> Speed	200
Slide	29

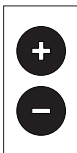


Press the button.

The selected spreading material, the working width, and the output rate in kg/ha are displayed.



Press the button, the spreading material designation "flashes".



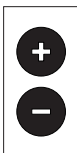
Press the + or - button to change the spreading material (e.g. from white mustard to Metarex).

While the 7-pin plug or GPS receiver are not plugged in, the full name of the spreading material is displayed.



Press the button to confirm the choice of spreading material.

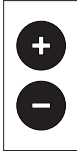
Working width "flashes".



Press the + or - button to set the working width.



Press the button to confirm the choice of working width.
Output rate kg/ha "flashes".



Press the + or - button to set the output rate.



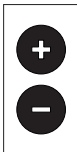
Press the button to confirm the output rate in kg/ha.
The control panel is programmed for automatic operation.
The selected spreading material, the working width,
and the output rate in kg/ha are displayed.



Hold the button down for at least 5 sec.
The quantity adjustment is displayed in %.
Here, you can change the output rate yourself if you find
you are using too much or too little.



Press the button.
Speed impulse - - - 1/m is displayed.



Press the + or - button to set the impulses per metre that
are emitted by the tractor (you will find further information
in the tractor's operating manual).



Press the button.

The quantity adjustment is displayed in %.



Press the button.

The selected spreading material, the working width, and the output rate in kg/ha are displayed.

The speed impulses per metre are set.

The controller is ready to start.

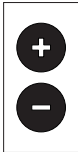
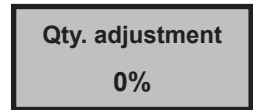
In GPS mode, no impulse setting is required.

The spreading value stored in the spreading chart can be changed temporarily.



Set the quantity adjustment.

Press the button for around 5 seconds.



Press the + button to increase the spreading value up to 50%.

Press the - button to decrease the spreading value up to 50%.



Press the button to return to operating mode.



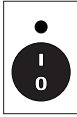
Press the button.

The quantity adjustment has been stored. The quantity adjustment remains stored until the spreading material in the display is switched or changed.

4.14 Operating the SuperVario® in automatic mode

Connect the speed signal (GPS receiver or 7-pin signal socket).

The stored table value continues to appear in the display. The quantity adjustment in % is performed automatically from the control console.



Press the button.

The speed of the spreading disc and the slide opening are displayed.

The slide is always closed at switch-on.

> Speed	200
Slide	29



Press the button.

The selected spreading material, the working width, and the output rate in kg/ha are displayed.

If a speed signal is connected, the speed travelled at is also displayed along with the spreading material.



Press the button to open the slide.

With the vehicle stationary, set off within 5 seconds, otherwise the message "Slide not open" appears.

If the slide is open, the message "Open" and the relevant slide opening, e.g. "Open 46" appear; the speed travelled at is also displayed.

OPEN 46	5.9km/h
15.0 m	25.0 kg/ha

If the travel speed is higher than the value stored in the spreading chart in the controller, the message "Too fast" appears in the display. Only the maximum speed stored in the spreading chart is included in the calculation, not the actual travel speed.

OPEN 120	33.2km/h
Too fast	

If the travel speed is lower than the value stored in the spreading chart in the controller, the message "Too slow" appears in the display. The minimum speed stored in the spreading chart is included in the calculation, not the actual travel speed.

White mustard	2 km
Too slow	

At a travel speed less than 3 km/h, the software does not work correctly, and the message "Slide not open" appears.

Slide not open

After the vehicle has stopped and set off again, press the "Slide open" button again to open the slide.

When working with the headland manager, this step is unnecessary.

At present, our spreading charts are designed for a maximum speed of 44 km/h, depending on the spreading material. At speeds faster than 44 km/h, the error message "Too fast" appears, depending on the spreading material.

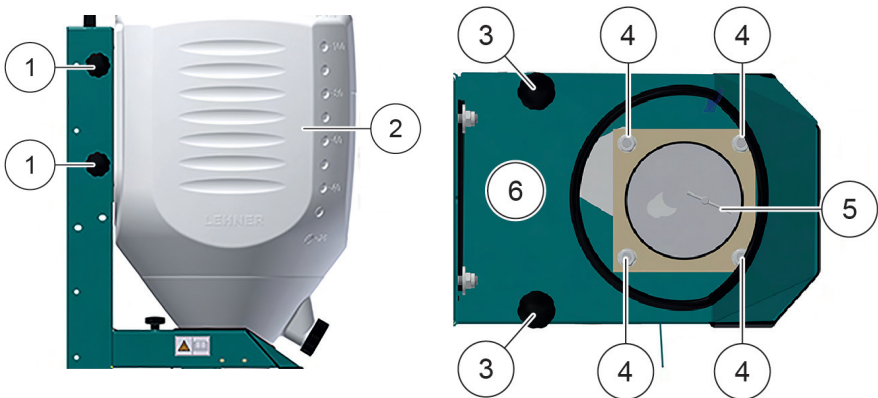
Note

A total of 12 spreading charts can be stored in the control section. This setting can only be made at the factory. Spreading charts can easily be replaced (see section "6.6 Spare parts list" on page 38).

5. Maintenance and cleaning

5.1 Maintenance

The dosing device and slide should be inspected and cleaned from time to time. In particular, spreading material with a high dust content can cause the slide unit to clog.



1. Remove screws **1** on the right and left.
2. Remove the hopper **2**.
3. Remove screws **3**.
4. Remove the cover plate **6**.
5. Firmly hold the spreading disc and turn the agitator **5** to the right.
Important: Left-hand thread!
6. Remove nuts **4**.
7. Dismantle the hopper platform and pull the dosage plate out from the top.
8. Clean the slide unit with a brush or compressed air.

With an aggressive spreading material such as silage, regularly remove and clean the motor, and fill the shaft end with grease or copper compound.



5.2 Cleaning


The hopper can be almost fully emptied by means of the residual discharge.

1. Unscrew the hopper.
2. Clean the spreader and hopper using a brush.

6. Appendix

6.1 EC Declaration of conformity

 	<p style="text-align: center;">EC Declaration of Conformity in accordance with the EC Machinery Directive 2006/42/EC, Annex II 1.A</p> <p>Manufacturer: LEHNER Agrar GmbH Häuslesäcker 5-9 89198 Westerstetten</p> <p>Person resident in the Community who is entitled to assemble the relevant technical documents: Jürgen Beck-Graf LEHNER Agrar GmbH Häuslesäcker 5-9 89198 Westerstetten, Germany</p> <p>Description and identification of the machine: Product: SuperVario® Type: 70/110/170</p> <p>Function: The SuperVario® is a spreader for spreading slug pellets, grasses and catch crops such as mustard, phacelia, oil radish, and turnips. It is produced in three sizes. These differ in the hopper capacity, 70, 110 and 170 litres. There is a mixing shaft on the spreading disc which protrudes into the hopper. This keeps the spreading material free-flowing in the area of the dosing opening. The dosing and the speed of the spreading disc are continuously controlled from the driver's cab via the control panel. Optionally, a separate motor drives a slow-running agitator, which can be installed horizontally (soft agitator).</p>
--	--

<p>It is expressly declared that the machine is in accordance with all relevant provisions of the following EC Directives:</p>	
<p>2006/42/EC 2004/108/EC</p>	<p>EC Machinery Directive 2006/42/EC (Electromagnetic Compatibility) Directive 2004/108/EC of the European parliament and of the council of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility and the repeal of Directive 89/336/EEC</p>
<p>Source of the applied harmonised standard acc. to Article 7, para. 2:</p>	
<p>EN ISO 12100-2:2003-11</p>	<p>Safety of Machinery – Basic concepts; general principles for design – Part 2 Technical principles</p>
<p>EN ISO 14121-1:2007</p>	<p>Safety of machinery – Risk assessment – Part 1: Principles (ISO14121-1:2007)</p>
<p>EN 50498:2010</p>	<p>Electromagnetic compatibility (EMC) – Product family standard for aftermarket electronic equipment in vehicles Electromagnetic compatibility – Parts of agricultural and forestry machinery</p>
<p>EN ISO 14982:2009</p>	<p>Electromagnetic compatibility – Parts of agricultural and forestry machinery</p>
<p>Source of the applied other technical standards and specifications:</p>	
<p>EN ISO 12100-1:2003-11</p>	<p>Safety of Machinery – Basic concepts; general principles for design – Part 1: Basic terminology, methodology</p>
<p>Westerstetten, 12.04.2009</p>	
<p>Place, date</p>	<p>Signature Helmut Lehner CEO</p>

6.2 Identification

The serial number of the spreader is applied to the rear of the frame. Note the serial number in these operating instructions so that it is readily available for inquiries.

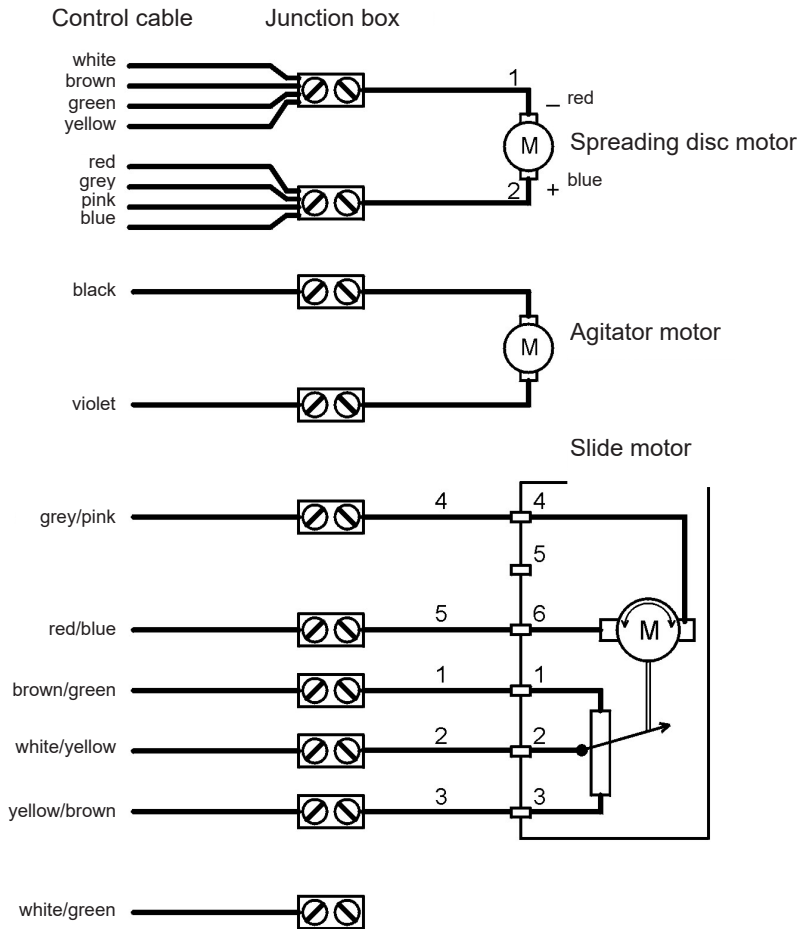


The hardware and software versions are briefly displayed when the control panel is switched on.

Note the software version in this operating manual so that it is readily available for inquiries.

LEHNER GmbH
LAS4 V3.6
SuperVario

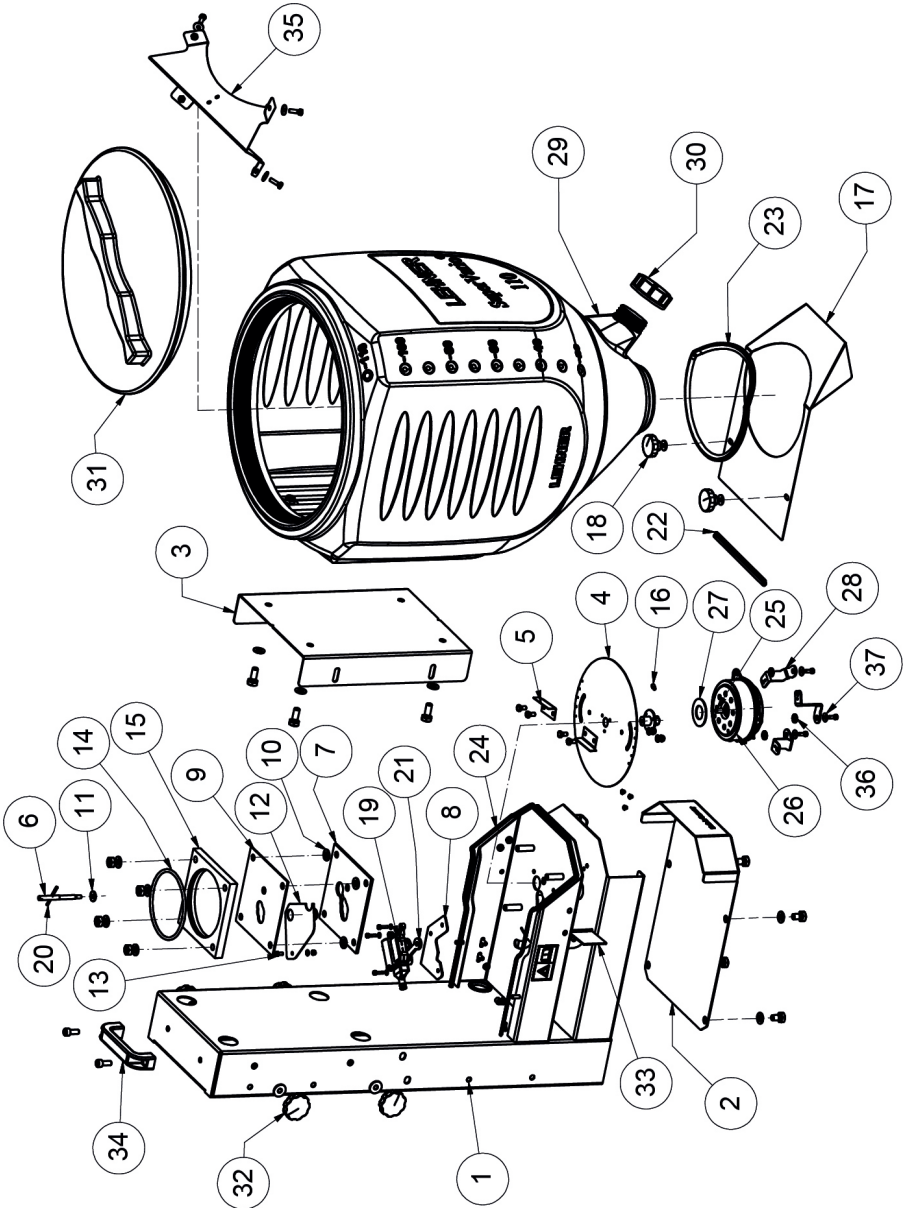
6.3 Distribution box reference list



6.4 Troubleshooting

LEHNER SuperVario® troubleshooting Date: 04/2012		
<p>The following information is intended to help you resolve minor problems yourself. You are welcome to call us as needed. We are glad to help.</p>		
Problem	Cause	Solution
Nothing shown in the display after switching on	Polarity was reversed or fuse has blown	Check connections and fuses
Agitator does not turn	Foreign bodies in the agitator	Empty the hopper and inspect for foreign bodies Remove upper stirring shaft
Spreading disc does not achieve speed	Upper stirring shaft installed Power supply Very strong vibrations and resulting settling of the material Foreign bodies in the agitator, load too high, or power supply too low	And lower stirring shaft centred Order and install "load-relief cover" accessory. Check agitator, check stirring shaft, see "Setting the agitator". Check power supply, see "Mounting the control console"
Slide jams	Spreading material or dirt is jammed between the slide plates	Clean slide, see "Cleaning"
On the display: Disc blockage	Agitator not rotating, has switched off after 10 attempts; material may be too heavily compacted	Check agitator, check stirring shafts, see "Setting the agitator"; if necessary, restart spreader
On the display: Slide not open	Slide unable to go into position during opening	Check slide for contamination or perform reference run; see "Reference run for slide", cable not plugged in, motor defective
On the display: Slide not closed	Slide could not go into position during closing	Check slide mechanism for foreign bodies or perform reference run; see "Reference run for slide"
Slide does not open, although no error message is displayed.	Mechanical damage to slide mechanism	Check slide motor and transfer mechanism
On the display: Spr. connection	Control panel plug not connected to spreader or cable damaged/ voltage drop	Check plug connections, cables, socket, and pins
Empty indicator does not respond	Empty indicator is set too low	Set empty indicator, see "4.6 Setting the empty indicator" on page 23. If this does not help, please proceed as described in "3.11 Adjust empty indicator to motor output" on page 19.
Headland manager closes the slide when lowering hydraulics and opens when lifting	Signal incorrectly connected	Turn the signal, see "Setting the EHR signal"
Display reads 8888 or letters	Defective control panel	Control panel must be replaced
Headline manager does not always close	Distance between sensor and magnetic encoder too great	Check distance to left/right of sensor; max. 10 mm

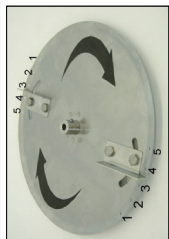
6.5 Spare parts list



Object	Number	Description	LEHNER part number
1	1	SuperVario frame 110/170 RAL 5021	80356
2	1	Front and floor panel RAL 5021	81555
3	1	Hopper bracket 110 RAL 5021	80342
4	1	SuperVario spreading disc	80472
5	2	SuperVario casting blade VA	81396
6	1	Agitator shaft VA 8x87 with left-hand thread	80376
7	1	Dosage plate PET 4 mm	80281
8	1	Fixing bracket for slide motor RAL 5021	81393
9	1	Dosage plate VA 2 mm	81965
10	15	DIN 125 - A 10.5	-
11	1	SuperVario gasket 18x7.2x2 mm	73215
12	1	SuperVario dosing slide VA	80549
13	2	Ball stud DIN 71803 C8-M5	80415
14	1	Hopper seal	81395
15	1	Hopper mounting PP	80264
16	1	DIN 915 - M6 x 10	-
17	1	SuperVario cover plate RAL 5021	81397
18	2	Star grip nut 40 M6 A2	73216
19	1	Slide motor for SuperVario, incl. cable	81448
20	1	Stirring shaft ISO 13337 - 3 x 50	-
21	1	Double spherical bearings, black	73213
22	1	Blank edge guard, short, with padding	80259
23	1	Blank edge guard, long, with padding	80259
24	1	Blank edge guard without padding	80258
25	1	Shaft adapter for drive motor	82403
26	1	SuperVario drive motor	82402
27	1	Spacer ring for drive motor	82406
28	3	Z-bracket holder for drive motor	82405
29	1	Hopper 110 I outlet	81076
30	1	Residual discharge cover, black	80393
31	1	Hopper cover, black	80107
32	4	Star grip screw 50 M8x14 A2	73214
33	1	SuperVario impact plate RAL 5021	81398
34	2	Handle, black PA 6	81994
35	1	SuperVario load-relief cover	81139
36	3	Washers for Z-bracket holder	-
37	3	DIN 9021 - 5.3 with PA	-

6.6 Spreading charts

Spreading chart, white mustard										LEHNER SuperVario®												
Delivery height: 1.00 m					Last updated: 08/2005					Check settings with field samples.												
Working width		2.5 m			3.00 m			4.00 m			4.70 m			4.70 m			4.70 m					
rpm	kn/h	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	
Slide opening:																						
at 8 kg/ha		18	20	22	24	19	21	23	25	21	24	26	27	22	25	27	28	22	25	27	28	
at 10 kg/ha		19	22	24	26	20	24	26	27	23	26	28	30	24	27	29	31	24	27	29	31	
at 12 kg/ha		21	24	26	28	22	26	27	29	25	28	30	32	26	29	31	35	26	29	31	35	
at 15 kg/ha		23	26	28	31	25	27	29	32	27	30	33	37	28	31	35	39	28	31	35	39	
at 20 kg/ha		26	29	33	36	27	30	35	38	30	35	39	42	31	36	41	45	31	36	41	45	
at 25 kg/ha		28	33	37	40	29	35	39	42	32	39	44	48	35	41	47	51	35	41	47	51	
Working width																						
		6.00 m			9.00 m			12.00 m			15.00 m			15.00 m			15.00 m			15.00 m		
rpm	kn/h	6	8	10	12	6	8	10	12	6	8	10	15	20	8	10	15	20	8	10	15	20
Slide opening:																						
at 8 kg/ha		23	26	28	29	25	28	31	35	30	34	43	50	29	32	41	49	32	36	47	58	
at 10 kg/ha		25	28	31	34	27	31	35	39	34	38	48	57	32	36	47	58	32	36	47	58	
at 12 kg/ha		27	30	35	37	29	34	39	43	38	43	53	65	36	40	54	67	36	40	54	67	
at 15 kg/ha		30	34	38	43	33	39	44	48	43	48	62	76	40	47	63	82	40	47	63	82	
at 20 kg/ha		34	40	45	49	39	45	54	58	50	59	76	91	49	58	82	100	49	58	82	100	
at 25 kg/ha		38	45	50	54	44	50	60	66	59	67	87	100	58	70	100	100	58	70	100	100	



Position of casting blades: Hole 5

At low delivery heights, the speed of the disc must be increased.

The suction effect of the spreading disc increases as the speed increases.

For the universal spreader the slide position is the same up to 50; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.

Above 50, the slide unit for the SuperVario is somewhat larger as it is pear-shaped.

		LEHNER SuperVario®																								
		3 m				3.5 m				4 m				5 m				6 m								
Working width		1400 rpm				1700 rpm				2000 rpm				2300 rpm				2500 rpm								
rpm		4	6	8	10	12	4	6	8	10	12	4	6	8	10	12	4	6	8	10	12					
km/h		4	6	8	10	12	4	6	8	10	12	4	6	8	10	12	4	6	8	10	12					
Slide opening																										
at 8 kg/ha		9	10	12	15	17	10	11	12	16	18	11	12	14	17	19	14	16	18	20	22	17	19	21	23	25
at 10 kg/ha		11	12	14	18	20	11	13	15	19	21	12	14	16	20	22	16	18	20	22	24	19	22	24	27	28
at 12 kg/ha		13	14	15	21	23	14	15	16	22	23	15	17	19	23	25	18	20	22	24	26	21	24	27	30	32
at 15 kg/ha		16	17	20	24	26	17	18	22	25	27	18	21	23	26	29	20	22	24	26	28	23	26	30	33	35
at 25 kg/ha		18	21	23	26	28	19	22	24	27	29	22	24	25	29	32	23	24	26	28	30	25	28	33	36	38

Position of casting blades: Hole 5

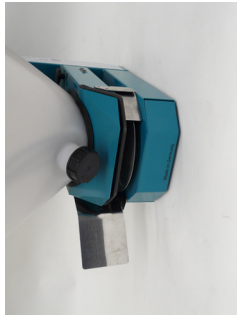
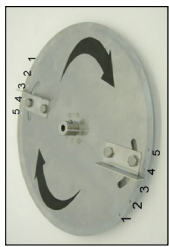
It is essential to check the lateral distribution by conducting a field trial.

Mount the headland spreader unit in such a way that the seed is spread in the rotary direction of the spreading disc. Not in the opposite direction!

For the universal spreader the slide position is the same: it just has to be

shifted one decimal place, e. g. 8.5 becomes 8.5.

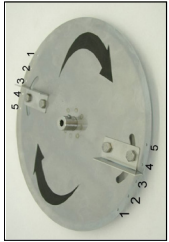
Note: A special adjustable deflector plate for "ploughing to the right" is required for this purpose. Part no. 72161



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Spreading chart, oil radish												
Delivery height: 1.00 m			Last updated: 08/2005			LEHNER SuperVario®			Check settings with field samples.			
Working width			2.5 m			3 m			3.4 m			
rpm			200 rpm			250 rpm			300 rpm			
km/h			6 8 10 12			6 8 10 12			6 8 10 12			
Slide opening:												
at 10 kg/ha			23 25 26 28			24 26 28			25 27 29			
at 12 kg/ha			24 26 28 30			25 28 30			26 29 32			
at 15 kg/ha			26 28 30 33			27 30 34			28 31 36			
at 20 kg/ha			28 31 35 38			30 34 38			31 37 40			
at 25 kg/ha			30 35 38 42			34 38 42			36 40 45			
Working width												
5.00 m			6.00 m			12.00 m			17.00 m			
rpm			370 rpm			460 rpm			930 rpm			
km/h			6 8 10 12			6 8 10 12			6 8 10 12			
Slide opening:												
at 10 kg/ha			28 31 34 37			29 32 35 38			35 42 46			
at 12 kg/ha			30 33 37 40			31 34 38 45			40 45 50			
at 15 kg/ha			32 37 41 45			34 38 45 48			44 50 57			
at 20 kg/ha			38 43 47 51			39 46 50 56			50 58 69			
at 25 kg/ha			41 47 53 59			45 50 57 66			56 69 78			

Position of casting blades: Hole 5

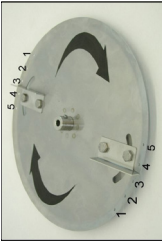


The suction effect of the spreading disc increases as the speed increases.

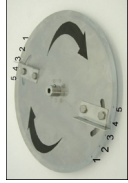
At low delivery heights, the speed of the disc must be increased.

For the universal spreader the slide position is the same up to 50; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.

Above 50, the slide unit for the SuperVario is somewhat larger as it is pear-shaped.

LEHNER SuperVario®																								
Spreading chart for phacelia																								
Delivery height: 1.00 m																								
Spreading width	2.5 m		3.0 m		4.0 m		5.0 m		6.0 m		10.0 m													
rpm	450 rpm		500 rpm		600 rpm		700 rpm		850 rpm		2500 rpm													
km/h	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	8	10	15	20				
Slide opening:																								
at 10 kg/ha	17	20	22	24	17	20	22	24	20	23	26	31	24	26	31	37	26	29	35	44	30	32	38	55
<p>At low delivery heights, the speed of the disc must be increased. If side distribution is uneven, adjust casting blades. For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1. Please note that the spreading widths of 5.00 and 6.00 metres have not been tested. These values were determined by computation. Please check the settings for this by means of a field test.</p>																								
																								
													© LEHNER											
													Important: A special phacelia spreading disc is required for this purpose Part no. 80575											

Spreading chart, red clover																					
LEHNER SuperVario®																					
Delivery height: 1.00 m				Recommended output rate: 20 kg/ha					Last updated: 08/2005												
Check settings with field samples.																					
Working width	2.5 m			3 m			4 m			5 m			6 m								
	250 rpm			300 rpm			400 rpm			500 rpm			700 rpm								
rpm	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	
km/h	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	
Slide opening:																					
at 10 kg/ha																					
	14	19	21	22	18	21	22	26	22	23	26	28	23	26	27	30	24	27	29	32	
at 12 kg/ha																					
	21	22	23	25	22	24	25	28	24	26	28	30	25	28	30	32	26	30	32	35	
at 15 kg/ha																					
	23	24	26	28	24	27	29	30	26	28	31	33	27	30	33	36	30	33	36	39	
at 20 kg/ha																					
	26	27	28	30	27	28	32	33	29	31	34	37	31	34	38	41	33	36	41	44	
at 25 kg/ha																					
	28	29	30	33	30	31	34	35	32	34	37	41	33	37	42	45	34	39	45	47	
Casting blade setting																					
	Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4			Hole 4			Hole 4		
Working width																					
	7 m			8 m			9 m			12 m			15 m								
rpm																					
	1300 rpm			1500 rpm			1700 rpm			2300 rpm			2500 rpm								
rpm	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	
km/h	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	
Slide opening:																					
at 10 kg/ha																					
	22	25	27	30	23	26	28	32	24	27	30	34	25	28	33	36	26	32	34	38	
at 12 kg/ha																					
	24	28	30	33	25	29	32	35	26	31	34	36	27	33	36	39	31	34	38	42	
at 15 kg/ha																					
	28	30	32	37	29	31	34	37	30	33	36	42	32	36	40	45	34	38	45	48	
at 20 kg/ha																					
	31	34	39	44	33	36	42	46	35	38	44	51	36	41	46	52	38	45	49	57	
at 25 kg/ha																					
	33	39	44	47	34	41	46	50	37	44	51	54	40	45	53	57	45	49	57	69	
Casting blade setting																					
	Hole 3.5			Hole 3			Hole 3			Hole 3			Hole 3			Hole 3					



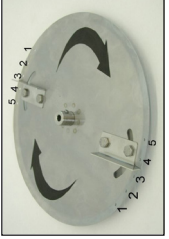
If side distribution is uneven, adjust casting blades. For the universal spreader the slide position is the same up to 50; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.

From opening size 50 upwards, the opening is larger for the SuperVario®.

The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

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Spreading chart for Alexandrine clover										LEHNER SuperVario®															
Delivery height: 1.00 m					Last updated: 10/2014					Check settings with field samples.															
Working width		3 m			4 m			5 m			6 m			rpm		700 rpm		rpm		500 rpm		700 rpm			
		6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12
Slide opening:																									
at 10 kg/ha		18	20	22	24	20	22	23	26	22	24	26	30	24	26	29	31	26	28	30	34	26	28	29	31
at 15 kg/ha		20	22	24	26	24	26	29	33	26	30	33	35	27	31	34	38	30	32	35	38	31	33	34	38
at 20 kg/ha		22	24	26	29	27	29	34	37	30	34	38	40	31	35	40	44	34	36	40	44	34	36	40	44
at 25 kg/ha		24	26	29	33	29	34	38	40	32	38	40	44	34	39	44	50	38	40	44	48	40	44	50	50
Casting blade setting		Hole 5						Hole 5						Hole 5						Hole 5					
Working width		8 m			9 m			12 m			15 m			rpm		2300 rpm		rpm		2900 rpm		rpm		2900 rpm	
		6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12
Slide opening:																									
at 10 kg/ha		25	27	30	32	26	28	31	33	27	29	32	34	28	30	34	37	30	32	35	38	31	33	34	37
at 15 kg/ha		28	32	35	39	29	33	36	40	30	35	38	43	32	37	41	45	34	38	41	45	34	38	41	45
at 20 kg/ha		32	36	41	45	33	37	42	46	35	40	45	51	37	42	48	55	38	43	48	54	40	45	51	57
at 25 kg/ha		35	40	45	51	36	41	46	52	38	45	53	61	41	48	59	67	42	50	59	69	45	54	65	75
Casting blade setting		Hole 5						Hole 5						Hole 3						Hole 3					



At low delivery heights, the speed of the disc must be increased.

If side distribution is uneven, adjust casting blades.

If there is no scale on the spreading disc, hole 3 means the middle setting.

For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.11.

The suction effect of the spreading disc increases as the speed increases.

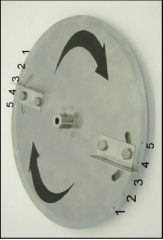
The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

For large spreading widths, note wind speed to avoid incorrect spreading.

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Spreading chart, white clover																
Delivery height: 1.00 m						LEHNER SuperVario®										
Check settings with field samples.																
Working width	2.5 m					3.0 m					6.0 m		12.0 m			
rpm	500 rpm					600 rpm					1000 rpm					
km/h	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12
Slide opening:																
at 10 kg/ha	10	12	14	16	12	14	16	18	13	15	18	20	16	19	21	23
Position of casting blades: Hole 5																
At low delivery heights, the speed of the disc must be increased.																
If side distribution is uneven, adjust casting blades.																
For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.																
©LEHNER																

Spreading chart for rapeseed																		
LEHNER SuperVario®																		
Delivery height: 1.00 m Last updated: 08/2005 Check settings with field samples.																		
Working width			2.5 m			3.00 m			4.00 m			4.70 m						
rpm			300 rpm			350 rpm			400 rpm			460 rpm						
km/h			6	8	10	12	6	8	10	12	6	8	10	12				
Slide opening:																		
at 6 kg/ha			/	/	18	19	/	17	19	20	17	19	21	23	18	20	23	24
at 8 kg/ha			/	/	20	21	/	19	21	23	19	22	24	26	20	23	26	27
at 10 kg/ha			17	19	22	23	18	21	23	26	21	24	26	28	23	26	28	29
at 12 kg/ha			19	21	23	24	20	23	25	28	23	26	28	30	24	28	30	31
Working width			6.00 m			9.00 m			12.00 m			15.00 m						
rpm			600 rpm			980 rpm			1300 rpm			2300 rpm						
km/h			6	8	10	12	6	8	10	12	8	10	15	20	8	10	15	20
Slide opening:																		
at 6 kg/ha			20	23	26	28	24	27	29	32	30	33	42	/	/	/	/	/
at 8 kg/ha			23	26	28	30	27	29	31	34	32	38	50	/	/	/	/	/
at 10 kg/ha			26	28	30	32	29	31	33	36	34	43	58	/	/	/	/	/
at 12 kg/ha			28	30	32	34	31	33	35	48	36	48	66	/	/	/	/	/



Position of casting blades: 2.0 to 2.5

At low delivery heights, the speed of the disc must be increased.

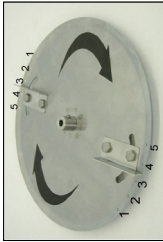
For the universal spreader the slide position is the same up to 50; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.

Above 50, the slide unit for the SuperVario is somewhat larger as it is pear-shaped.

© LEHNER

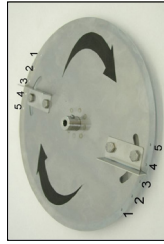
Terra Gold mixture TG 11 - Streufix		LEHNER SuperVario®													
Delivery height: 1.00 m		Last updated: 10/2013				Check settings with field samples.									
Working width	3 m			4 m				5 m					Note		
	400 rpm			500 rpm				700 rpm							
Speed															
km/h	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
Slide opening:															
at 10 kg/ha	30	31	33	34	37	32	33	35	36	37	33	35	36	37	38
1. Casting blade setting	Hole 5														
2. Casting blade setting	Hole 4														

For large spreading widths, note wind speed to avoid incorrect spreading.
 At low delivery heights, the speed of the disc must be increased.
 If side distribution is uneven, adjust casting blades.
 If there is no scale on the spreading disc, hole 3 means the middle setting.
 For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.
 The speed may decrease at upper spreading width.

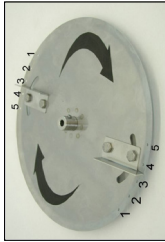


Agitator: Remove upper stirring shaft, centre the lower stirring shaft – we recommend the England agitator. ©LEHNER

White mustard/oil radish mixture 60% white mustard/40% oil radish seed		LEHNER SuperVario® Quantity needed: 15 kg/ha																			
		Delivery height: 1.00 m Last updated: 05/2015 Check settings with field samples.					4 m					4.5 m					5 m				
Working width		3 m					4 m					4.5 m					5 m				
Speed		250 rpm					320 rpm					400 rpm					500 rpm				
km/h		6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
Slide opening:																					
at 15 kg/ha		25	27	30	32	36	27	31	34	36	40	28	33	36	38	42	29	34	37	39	44
at 20 kg/ha		27	31	35	38	41	31	34	38	41	46	33	36	40	45	50	34	37	42	46	52
Casting blade setting		Hole 3					Hole 3					Hole 3					Hole 3				
For large spreading widths, note wind speed to avoid incorrect spreading. At low delivery heights, the speed of the disc must be increased. Reduce speed at higher output height. If side distribution is uneven, adjust casting blades. If there is no scale on the spreading disc, hole 3 means the middle setting. For the universal spreader (LU10) the slide position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.																					
Upper stirring shaft not required. Install lower stirring shaft in central position. When spreading this mixture, we recommend a load-relief cover (part no. 81139)																					



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Phacelia-buckwheat mix 50% phacelia/50% buckwheat seed		LEHNER SuperVario® Quantity needed: 38 kg/ha																			
		Delivery height: 1.00 m Last updated: 05/2015					Check settings with field samples.														
Working width		2.5 m					3 m					4 m					4.5 m				
Speed		250 rpm					320 rpm					400 rpm					500 rpm				
km/h		6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
Side opening:																					
at 35 kg/ha		33	36	41	50	35	40	45	50	57	40	46	54	60	67	43	49	56	63	70	
at 40 kg/ha		35	38	43	48	52	37	42	47	52	61	48	56	62	71	45	51	58	65	74	
Casting blade setting		Hole 3					Hole 3					Hole 3					Hole 3				
For large spreading widths, note wind speed to avoid incorrect spreading. At low delivery heights, the speed of the disc must be increased. Reduce speed at higher output height. If side distribution is uneven, adjust casting blades. If there is no scale on the spreading disc, hole 3 means the middle setting. For the universal spreader (LU10) the side position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.																					
																					
Upper stirring shaft not required. Install lower stirring shaft in central position. When spreading this mixture, we recommend a load-relief cover (part no. 81139)																					

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		LEHNER SuperVario®																			
		Quantity needed: 25 kg/ha Check settings with field samples.																			
Delivery height: 1.00 m		2.5 m				3 m				4 m				4.5 m							
Working width		240 rpm				280 rpm				450 rpm				550 rpm							
Speed																					
km/h		6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
Slide opening:																					
at 20 kg/ha		45	50	56	60	62	46	51	57	61	64	48	54	62	67	72	49	55	63	68	74
at 25 kg/ha		48	55	60	62	67	49	56	61	63	70	55	62	67	70	79	56	63	68	71	80
Casting blade setting		Hole 3				Hole 3				Hole 3				Hole 3				Hole 3			

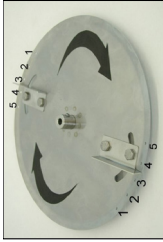
For large spreading widths, note wind speed to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased. Reduce speed at higher output height.

If side distribution is uneven, adjust casting blades.

If there is no scale on the spreading disc, hole 3 means the middle setting.

For the universal spreader (LU10) the slide position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.



Upper stirring shaft not required. Install lower stirring shaft in central position.

When spreading this mixture, we recommend a load-relief cover (part no. 81139)

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Viterra® Fast green mix															
LEHNER SuperVario®															
58% white mustard ALBATROS/23% Alexandrine clover/19% ENERGY Sarepta mustard seed															
Quantity needed: 15 kg/ha															
Delivery height: 1.00 m															
Last updated: 07/2015 Check settings with field samples.															
2.5 m			3 m			4 m			4.5 m						
Working width															
Speed															
240 rpm															
280 rpm															
380 rpm															
400 rpm															
6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	
Slide opening:															
at 15 kg/ha															
22	24	26	29	32	34	26	29	32	34	26	29	32	36	38	42
Casting blade setting															
Hole 3															
Hole 3															
Hole 3															

At low delivery heights, the speed of the disc must be increased. Reduce speed at higher output height.

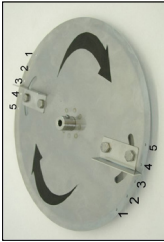
If side distribution is uneven, adjust casting blades.

If there is no scale on the spreading disc, hole 3 means the middle setting.

For the universal spreader (LU10) the slide position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.

Upper stirring shaft not required. Install lower stirring shaft in central position.

When spreading this mixture, we recommend a load-relief cover (part no. 81139)



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Viterra® rapeseed										LEHNER SuperVario®																		
47% phacelia /24% flax/19% Persian clover/10% Alexandrine clover seed										Application quantity: approx. 15 kg/ha																		
Delivery height: 1.00 m										Check settings with field samples.																		
Working width		2.5 m			3.0 m			3.5 m			4.0 m																	
Speed		400 rpm			600 rpm			800 rpm			1100 rpm			1400 rpm														
km/h		6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15							
Slide opening:																												
at 15 kg/ha		19	21	23	25	28	21	23	26	27	31	24	26	29	33	35	25	27	30	32	36	26	28	31	33	37		
1. Casting blade setting		Hole 5			Hole 5			Hole 5			Hole 5			Hole 5			Hole 5			Hole 5			Hole 5			Hole 5		
2. Casting blade setting		Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5		

For large spreading widths, note wind speed to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased. Reduce speed at higher output height.

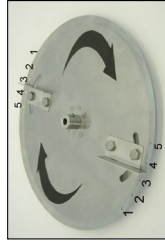
If side distribution is uneven, adjust casing blades.

If there is no scale on the spreading disc, hole 3 means the middle setting.

For the universal spreader (LJ10) the slide position is the same; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.

Upper stirring shaft not required. Install lower stirring shaft in central position.

When spreading this mixture, we recommend a load-relief cover (part no. 81139)



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Spreading chart for German ryegrass									
Delivery height: 1.00 m					LEHNER SuperVario®				
Check settings with field samples.									
Working width	2.50 m				4.00 m		6.00 m		
rpm	500 rpm				1200 rpm			2000 rpm	
km/h	6	8	10	12	6	8	10	12	10
Slide opening:									
at 15 kg/ha	48	51	57	59	39	43	52	55	38
at 25 kg/ha	52	55	70	82	50	53	66	72	60
Position of casting blades: Hole 5									

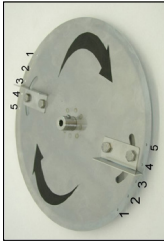
The flow properties of grass seed are greatly affected by external factors such as moisture content and humidity. Please note!

The suction effect of the spreading disc increases as the speed increases.

For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.

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Spreading chart, annual ryegrass LEHNER SuperVario® Delivery height: 1.00 m Check settings with field samples.											
Working width	2.50 m			4.00 m			6.00 m				
	500 rpm			1200 rpm			2100 rpm				
rpm	6	8	10	12	6	8	10	12	6	8	10
km/h	41	46	50	53	43	48	50	61	47	49	52
Slide opening:	47	53	56	59	49	56	62	72	58	60	68
at 15 kg/ha											
at 25 kg/ha											
Position of casting blades: Hole 5 The flow properties of grass seed are greatly affected by external factors such as moisture content and humidity. Please note! The suction effect of the spreading disc increases as the speed increases. For the universal spreader the slide position is the same; it just has to be shifted one decimal place. e.g. 41 becomes 4.1.											
©LEHNER											

Spreading chart, Welsh ryegrass		LEHNER SuperVario®											
Delivery height: 1.00 m		2.50 m				4.00 m				6.00 m			
Working width		500 rpm				1200 rpm				2000 rpm			
rpm													
km/h		6	8	10	12	6	8	10	12	6	8	10	12
Slide opening:													
at 15 kg/ha		48	52	56	59	38	40	43	45	44	45	46	48
at 25 kg/ha		53	57	60	62	45	56	60	65	55	56	57	58
Position of casting blades: Hole 5													
<p>The flow properties of grass seed are greatly affected by external factors such as moisture content and humidity. Please note!</p> <p>The suction effect of the spreading disc increases as the speed increases.</p> <p>For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.</p>													
													
												<p>© LEHNER</p>	

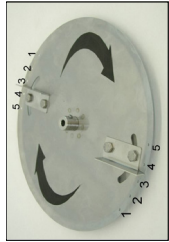
		2.00 m										2.50 m										3.00 m									
		300 rpm					400 rpm					400 rpm					800 rpm					800 rpm									
rpm		6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15					
<p>Spreading chart, grassland mixture 30% ryegrass, 18% timothy, 21% meadow fescue, 9% orchard grass, 13% Kentucky bluegrass, 9% white clover Delivery height: 1.00 m Last updated: 03/2005</p>																															
<p>Working width</p>																															
<p>Slide opening:</p>																															
5 kg/ha	56	58	59	61	63	57	59	61	62	64	62	64	66	68	70	64	66	68	70	72	68	70	72	74	76	70	72	74	76	78	
7 kg/ha	58	60	62	64	67	60	62	63	65	68	63	65	67	70	72	68	70	72	74	77	72	74	76	78	80	74	76	78	80	81	
10 kg/ha	61	64	67	69	72	62	64	67	70	72	64	67	70	72	74	68	71	73	75	78	72	74	76	78	80	74	76	78	80	81	
15 kg/ha	65	69	72	74	76	65	70	72	74	77	65	70	72	74	77	68	71	73	75	78	72	74	76	78	80	74	76	78	80	81	
20 kg/ha	69	72	75	76	78	71	73	75	78	80	71	73	75	78	80	74	76	78	80	83	76	78	80	82	84	78	80	82	84	85	
25 kg/ha	72	75	77	78	80	72	75	78	81	83	72	75	78	81	83	75	78	81	84	87	77	80	83	86	89	80	83	86	89	91	
40 kg/ha	76	78	80	85	88	74	81	84	87	89	74	81	84	87	89	77	82	85	88	91	79	84	87	90	93	82	87	90	93	95	
<p>Casting blade setting</p>																															
<p>Working width</p>																															
<p>Slide opening:</p>																															
5 kg/ha	43	46	50	52	55	37	39	42	44	48	37	39	42	44	48	34	35	37	39	42	34	35	37	39	44						
7 kg/ha	47	51	54	56	59	40	43	46	51	53	40	43	46	51	53	39	40	42	44	50	39	40	42	44	50						
10 kg/ha	51	55	59	63	67	44	49	53	56	68	44	49	53	56	68	45	46	50	52	57	45	46	50	52	57						
15 kg/ha	57	62	67	71	76	51	56	61	67	75	51	56	61	67	75	52	53	58	62	66	52	53	58	62	66						
20 kg/ha	63	68	75	77	79	56	70	73	77	81	56	70	73	77	81	60	61	65	68	76	60	61	65	68	76						
25 kg/ha	67	75	77	79	84	68	73	77	81	84	68	73	77	81	84	65	66	69	76	80	65	66	69	76	80						
40 kg/ha	77	80	86	98	76	82	85	100	76	82	85	100	77	78	82	87	77	78	82	87	77	78	82	87	77	78	82	87			
<p>Casting blade setting</p>																															



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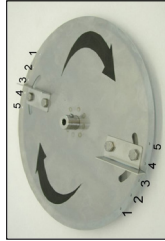
If side distribution is uneven, adjust casting blades.
 The flow properties of grass seed are greatly affected by external factors such as moisture content and humidity. Please note!
 The suction effect of the spreading disc increases as the speed increases.

MG 500 Mantel seed		LEHNER SuperVario®															
		Check settings with field samples.															
Delivery height: 1.00 m		2.5 m				3 m				4 m				5 m			
Working width		200 rpm				250 rpm				300 rpm				350 rpm			
rpm		6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12
km/h		6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12
Slide opening:																	
5 kg/ha																	
7 kg/ha																	
10 kg/ha																	
15 kg/ha																	
20 kg/ha																	
25 kg/ha																	
40 kg/ha																	
Casing blade setting		Hole 3.5															
Working width		8 m															
rpm		2000 rpm															
km/h		1600 rpm															
Slide opening:																	
5 kg/ha		39	40	42	44	38	42	46	47	38	45	50	52	38	45	47	49
7 kg/ha		43	44	45	47	43	47	49	52	46	51	53	55	45	48	51	60
10 kg/ha		45	46	48	50	48	51	54	61	52	55	59	62	50	56	61	63
15 kg/ha		48	50	51	56	52	62	65	71	56	63	69	74	60	63	70	76
20 kg/ha		53	57	60	62	61	69	73	78	63	71	80	83	63	73	78	84
25 kg/ha		58	59	64	68	66	73	80	88	69	80	84	85	70	78	85	88
40 kg/ha		69	70	77	87	77	80	84	98	83	91	96	99	84	89	98	98
Casing blade setting		Hole 5															
Working width		6 m															
rpm		1600 rpm															
km/h		1600 rpm															
Slide opening:																	
5 kg/ha																	
7 kg/ha																	
10 kg/ha																	
15 kg/ha																	
20 kg/ha																	
25 kg/ha																	
40 kg/ha																	
Casing blade setting		Hole 3.5															
Working width		9 m															
rpm		2250 rpm															
km/h		2500 rpm															
Slide opening:																	
5 kg/ha																	
7 kg/ha																	
10 kg/ha																	
15 kg/ha																	
20 kg/ha																	
25 kg/ha																	
40 kg/ha																	
Casing blade setting		Hole 4.5															
Working width		10 m															
rpm		2500 rpm															
km/h		2500 rpm															



If side distribution is uneven, adjust casing blades.
 The flow properties of grass seed are greatly affected by external factors such as moisture content and humidity. Please note!
 The suction effect of the spreading disc increases as the speed increases.
 For the universal spreader the slide position is the same up to 50; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.
 Above 50, the slide unit for the SuperVario is somewhat larger as it is pear-shaped.

Planterra NUL 2035 coated seed Last updated: 07/2014		LEHNER SuperVario® Check settings with field samples.																			
		3 m					4 m					6 m					8 m				
Working width	Speed	300 rpm					850 rpm					1800 rpm					2500 rpm				
		6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
Slide opening:																					
at 5 kg/ha		29	31	32	33	35	34	35	36	37	39	35	36	37	38	41	36	37	38	41	42
at 10 kg/ha		33	34	35	36	38	37	39	41	42	47	38	41	42	46	49	41	42	44	47	51
at 25 kg/ha		40	44	46	49	51	50	54	58	64	70	51	62	67	70	80	52	63	70	84	95
Casting blade setting		Hole 3					Hole 3					Hole 3					Hole 5				



For large spreading widths, note wind speed to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased. Reduce speed at higher output height.

If side distribution is uneven, adjust casting blades.

If there is no scale on the spreading disc, hole 3 means the middle setting.

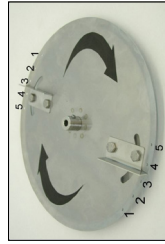
For the universal spreader (LU10) the slide position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.

Agitator: Install grass agitator. Upper stirring shaft on one side, lower offset 2/3 to 1/3.

At lower working widths, we recommend a load-relief cover (part no. 81139)

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Spreading chart for DSV G5 meadow grass									
LEHNER SuperVario®									
Delivery height: 1.00 m		Last updated: 07/2006				Check settings with field samples.			
Working width		2 m				5 m			
rpm		450 rpm				1600 rpm			
km/h		6	8	10	6	8	10		Note
Slide opening:									
at 5 kg/ha		49	53	56	40	41	43		
at 10 kg/ha		56	67	67	46	49	55		
at 25 kg/ha		70	74	78	62	69	77		
Casting blade setting:		Hole 5				Hole 5			



If side distribution is uneven, adjust casting blades.

The flow properties of grass seed are greatly affected by external factors such as moisture content and humidity. Please note!

Please note that with a working width of 2 m, the grass does not flow freely due to the suction effect.

The suction effect of the spreading disc increases as the speed increases.

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Spreading chart, Metarex INOV slug pellets		LEHNER SuperVario®																								
		Check settings with field samples.																								
Delivery height: 1.30 m		Last updated: 11/2004																								
Working width	3 m				4 m				6 m				9 m				10 m									
	250 rpm				350 rpm				400 rpm				600 rpm				750 rpm									
Speed	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	8	10	12	15	20	
Slide opening:																										
at 3 kg/ha	/	/	22	24	26	/	/	22	24	27	/	/	22	24	25	28	22	23	25	26	29	24	26	27	30	31
at 5 kg/ha	23	24	25	27	29	24	25	26	28	30	25	26	27	28	31	26	27	28	29	32	27	28	29	33	34	
at 7 kg/ha	25	26	27	29	31	26	27	28	31	33	27	28	29	32	34	28	29	30	32	35	30	31	34	36	37	
Casting blade setting	Hole 2.5				Hole 2.5				Hole 2.5				Hole 2.5				Hole 2.5				Hole 2.5					
Working width	12 m				15 m				18 m				21 m				24 m									
	1000 rpm				1700 rpm				2500 rpm				2650 rpm				2800 rpm									
Speed	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	
Slide opening:																										
at 3 kg/ha	25	27	28	31	34	26	28	29	32	35	27	29	30	33	36	28	30	32	36	38	30	32	34	38	41	
at 5 kg/ha	28	29	32	33	36	28	30	33	34	38	30	31	35	36	39	31	32	36	37	42	33	34	38	42	45	
at 7 kg/ha	31	32	35	40	42	32	33	37	41	43	33	34	39	42	46	34	35	40	43	51	35	38	42	45	53	
Casting blade setting	Hole 2				Hole 2				Hole 2				Hole 2				Hole 2									



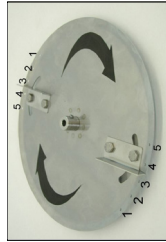
For large spreading widths, wind speed should be noted to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased.

If side distribution is uneven, adjust casting blades.

The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half ©LEHNER

Spreading chart, DELICIA slug lentils																					
LEHNER SuperVario®																					
Delivery height: 1.30 m																					
Last updated: 08/2005																					
Check settings with field samples.																					
Working width	3 m				4 m				6 m				9 m								
	350 rpm				450 rpm				550 rpm				920 rpm								
rpm	6	8	10	12	15	20	6	8	10	12	15	20	6	8	10	12	15	20			
	Slide opening																				
at 3 kg/ha	23	24	25	26	23	25	26	27	28	24	26	27	28	29	32	24	27	28	29	31	34
	Hole 3				Hole 4				Hole 4				Hole 4								
Casting blade setting																					
Working width	10 m				12 m				15 m				21 m								
	1000 rpm				1350 rpm				1900 rpm				3000 rpm								
rpm	6	8	10	12	15	20	6	8	10	12	15	20	6	8	10	12	15	20			
	Slide opening																				
at 3 kg/ha	25	28	29	31	33	38	24	27	29	30	33	37	24	26	29	31	34	39			
	Hole 4				Hole 4				Hole 4				Hole 4								
Casting blade setting																					



For large spreading widths, wind speed should be noted to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased.

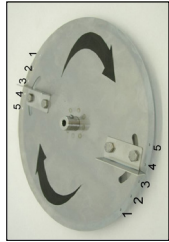
If side distribution is uneven, adjust casting blades.

For the universal spreader the slide position is the same, it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.

The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

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Spreading chart for Arinex slug pellets																									
LEHNER SuperVario®																									
Delivery height: 1.30 m																									
Last updated: 07/2008																									
Check settings with field samples.																									
Working width	3 m					4 m					6 m					9 m					10 m				
	300 rpm					350 rpm					750 rpm					1100 rpm					1200 rpm				
Speed	6 8 10 12 15					6 8 10 12 15					6 8 10 12 15					6 8 10 12 15					6 8 10 12 15				
	km/h					km/h					km/h					km/h					km/h				
Slide opening:	/					/					/					/					/				
	at 3 kg/ha					at 3 kg/ha					at 3 kg/ha					at 3 kg/ha					at 3 kg/ha				
at 6 kg/ha	23 24 26 28 30					24 25 26 27 28 29 30 31 32					25 26 27 28 29 30 31 32					26 27 28 29 30 31 32 33 34					27 28 29 30 31 32 33 34 35				
	23 24 26 28 30					24 25 26 27 28 29 30 31 32					25 26 27 28 29 30 31 32					26 27 28 29 30 31 32 33 34					27 28 29 30 31 32 33 34 35				
Casting blade setting	Hole 5					Hole 4.5					Hole 4.5					Hole 5					Hole 4.5				
	Hole 5					Hole 4.5					Hole 4.5					Hole 5					Hole 4.5				
Working width	12 m					15 m					18 m					21 m					24 m				
	1350 rpm					1800 rpm					2250 rpm					2400 rpm					2650 rpm				
Speed	8 10 12 15 20					8 10 12 15 20					8 10 12 15 20					8 10 12 15 20					8 10 12 15 20				
	km/h					km/h					km/h					km/h					km/h				
Slide opening:	/					/					/					/					/				
	at 3 kg/ha					at 3 kg/ha					at 3 kg/ha					at 3 kg/ha					at 3 kg/ha				
at 6 kg/ha	23 24 27 30 34					24 27 30 34					24 27 30 34					24 27 30 34					24 27 30 34				
	23 24 27 30 34					24 27 30 34					24 27 30 34					24 27 30 34					24 27 30 34				
Casting blade setting	Hole 4					Hole 4.5					Hole 4.5					Hole 4.5					Hole 4.5				
	Hole 4					Hole 4.5					Hole 4.5					Hole 4.5					Hole 4.5				

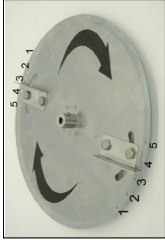


For large spreading widths, note wind speed to avoid incorrect spreading.
 At low delivery heights, the speed of the disc must be increased.
 If side distribution is uneven, adjust casting blades.
 If there is no scale on the spreading disc, hole 3 means the middle setting.
 For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.

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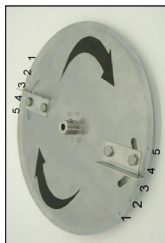
The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

Spreading chart, Clartex blue slug pellets Last updated: 08/2005		LEHNER SuperVario® Check settings with field samples.																								
		3 m			4 m			6 m			9 m			10 m												
Working width		250 rpm			350 rpm			400 rpm			600 rpm			750 rpm												
Speed		6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15					
Slide opening:																										
at 3 kg/ha		23	24	26	28	24	25	28	24	26	27	30	25	26	28	29	32	28	30	31	34	35				
at 5 kg/ha		23	24	25	27	29	31	27	28	29	30	33	29	30	31	32	35	31	32	33	37	38				
at 7 kg/ha		25	26	27	29	31	27	28	29	32	34	29	30	31	34	36	31	32	33	35	38	40	41			
Casting blade setting		Hole 2.5			Hole 2.5			Hole 2.5			Hole 2.5			Hole 2.5			Hole 2.5			Hole 2.5						
Working width		12 m			15 m			18 m			21 m			24 m												
Speed		1000 rpm			1700 rpm			2500 rpm			2650 rpm			2800 rpm												
km/h		8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20					
Slide opening:																										
at 3 kg/ha		29	31	32	35	38	30	32	33	36	39	31	33	34	37	40	34	36	38	42	44	36	38	40	44	47
at 5 kg/ha		32	33	36	37	40	33	34	37	38	42	34	35	39	40	43	37	38	42	43	48	39	40	44	48	51
at 7 kg/ha		35	36	39	44	46	36	37	41	45	48	37	38	43	46	50	40	41	46	49	57	41	44	48	51	59
Casting blade setting		Hole 2			Hole 2			Hole 2			Hole 2			Hole 2			Hole 2									



For large spreading widths, wind speed should be noted to avoid incorrect spreading.
 At low delivery heights, the speed of the disc must be increased.
 If side distribution is uneven, adjust casting blades.
 For the universal spreader the slide position is the same up to 50; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.
 Above 50, the slide unit for the SuperVario is somewhat larger as it is pear-shaped.
 The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half. ©LEHNER

Spreading chart for FCS slug pellets																																				
LEHNER SuperVario®																																				
Delivery height: 1.30 m																																				
Last updated: 07/2006																																				
Check settings with field samples.																																				
Working width	3 m						4 m						6 m						9 m						10 m											
	300 rpm						350 rpm						750 rpm						1100 rpm						1200 rpm											
Speed	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	8	10	12	15	20											
Slide opening:	/						/						/						/						/											
	at 3 kg/ha						at 4 kg/ha						at 5 kg/ha						at 6 kg/ha						at 7 kg/ha											
at 3 kg/ha	24	25	27	29	31	24	25	26	27	28	24	25	26	27	28	29	24	25	26	27	28	29	30	31	32	24	25	26	27	28	29	30	31	32	33	34
at 6 kg/ha	24	25	27	29	31	24	25	26	27	28	24	25	26	27	28	29	24	25	26	27	28	29	30	31	32	24	25	26	27	28	29	30	31	32	33	34
Casting blade setting	Hole 5						Hole 4.5						Hole 4.5						Hole 5						Hole 4.5											
Working width	12 m						15 m						18 m						21 m						24 m											
	1350 rpm						1800 rpm						2250 rpm						2400 rpm						2650 rpm											
Speed	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20											
Slide opening:	/						/						/						/						/											
	at 3 kg/ha						at 4 kg/ha						at 5 kg/ha						at 6 kg/ha						at 7 kg/ha											
at 3 kg/ha	25	26	29	32	36	25	26	27	30	33	25	26	27	28	31	34	25	26	27	28	29	32	35	39	29	25	26	27	28	29	30	33	36	40		
at 6 kg/ha	32	36	38	42	45	32	36	38	42	45	32	36	38	40	44	47	32	36	38	40	44	47	49	49	36	32	36	38	40	43	46	46	50			
Casting blade setting	Hole 4						Hole 4.5						Hole 4.5						Hole 4.5						Hole 4.5											



For large spreading widths, wind speed should be noted to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased.

If side distribution is uneven, adjust casting blades.

If there is no scale on the spreading disc, hole 3 means the middle setting.

For the universal spreader the slide position is the same up to 50; it just has to be shifted one decimal place.

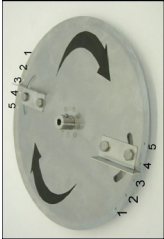
e.g. 41 becomes 4.1.

Above 50, the slide unit for the SuperVario is somewhat larger as it is pear-shaped.

The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

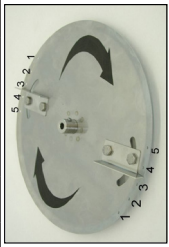
©LEHNER

Spreading chart, Ferramol slug pellets		LEHNER SuperVario®															
		Check settings with field samples.															
Delivery height: 1.30 m		3 m		4 m		6 m		9 m		10 m							
Working width		250 rpm		300 rpm		500 rpm		850 rpm		1000 rpm							
Speed		6	8	10	12	15	6	8	10	12	15	6	8	10	15	20	
km/h		30		31		32		33		34		35		36		38	
Slide opening:		30		31		32		33		34		35		36		38	
at 3 kg/ha		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	46
at 6 kg/ha		30	33	35	37	38	31	34	36	39	42	33	35	37	41	43	49
at 9 kg/ha		32	37	38	39	41	35	40	42	44	46	38	41	44	46	48	51
at 12 kg/ha		35	39	40	42	43	38	43	45	47	49	42	45	47	49	53	58
at 25 kg/ha		41	45	49	53	59	48	53	58	63	70	56	57	61	66	73	81
Casting blade setting		Hole 5		Hole 5		Hole 5		Hole 4		Hole 5		Hole 5		Hole 5		Hole 5	
Working width		12 m		15 m		18 m		21 m		24 m		26		28		30	
Speed		1200 rpm		1700 rpm		1900 rpm		2400 rpm		2650 rpm		2800 rpm		3000 rpm		3200 rpm	
km/h		6	8	10	15	20	6	8	10	15	20	6	8	10	15	20	20
Slide opening:		33		35		37		39		41		43		45		47	
at 3 kg/ha		33	35	37	42	47	34	36	38	43	48	35	37	39	44	49	50
at 6 kg/ha		37	42	46	54	62	38	43	48	55	63	40	44	49	57	65	66
at 9 kg/ha		45	50	54	64	75	46	51	55	67	78	47	52	57	70	81	83
at 12 kg/ha		49	56	59	68	85	50	57	63	74	88	51	59	65	79	93	95
at 25 kg/ha		88	79	86	88	90	89	81	90	74	86	97	74	86	97	59	61
Casting blade setting		Hole 5		Hole 5		Hole 4		Hole 5		Hole 5		Hole 5		Hole 5		Hole 5	



For large spreading widths, wind speed should be noted to avoid incorrect spreading.
 At low delivery heights, the speed of the disc must be increased.
 If side distribution is uneven, adjust casting blades.
 If there is no scale on the spreading disc, hole 3 means the middle setting.
 For the universal spreader the slide position is the same up to 50; if just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.
 Above 50, the slide unit for the SuperVario is somewhat larger as it is pear-shaped.
 The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

Spreading chart for Sluux HP slug pellets LEHNER SuperVario® Check settings with field samples.																											
Delivery height: 1.30 m Last updated: 09/2009																											
Working width			3 m			4 m			6 m			9 m			10 m												
Speed			350 rpm			450 rpm			650 rpm			1000 rpm			1200 rpm												
km/h			6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	15	20					
Slide opening:																											
at 5 kg/ha			15	17	18	20	21	18	20	23	24	26	19	21	24	25	27	23	24	26	30	33	24	25	29	34	39
at 7 kg/ha			18	20	21	22	23	22	24	25	26	28	23	25	26	27	29	26	28	31	33	36	27	29	32	37	41
Casting blade setting			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 3.5			Hole 3.5			Hole 3.5			Hole 3.5			
Working width			12 m			15 m			18 m			21 m			24 m												
Speed			1350 rpm			1550 rpm			1900 rpm			2650 rpm			3000 rpm												
km/h			6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	15	20					
Slide opening:																											
at 5 kg/ha			25	26	30	35	39	26	27	31	36	42	27	28	32	38	45	31	35	39	43	49	32	36	41	45	53
at 7 kg/ha			28	31	33	37	43	29	32	34	39	45	31	34	37	43	52	43	46	50	55	63	45	48	53	58	68
Casting blade setting			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			Hole 4.5			



For large spreading widths, wind speed should be noted to avoid incorrect spreading.
 At low delivery heights, the speed of the disc must be increased.
 If side distribution is uneven, adjust casting blades.
 The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.
 The suction effect of the spreading disc increases as the speed increases.

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Spreading chart for Mollustop®		LEHNER SuperVario®	
Delivery height: 1.30 m		Last updated: 08/2011	
Check settings with field samples.		Check settings with field samples.	
Working width	3 m	4 m	6 m
rpm	350 rpm	450 rpm	500 rpm
km/h	6 8 10 12 15 20	6 8 10 12 15 20	6 8 10 12 15 20
Slide opening			
at 3 kg/ha	19 21 23 25 28	19 21 23 24 26 29	20 22 24 25 27 30
Casting blade setting	Hole 3	Hole 3	Hole 3
Working width	10 m	12 m	15 m
rpm	1000 rpm	1500 rpm	2000 rpm
km/h	6 8 10 12 15 20	6 8 10 12 15 20	6 8 10 12 15 20
Slide opening			
at 3 kg/ha	21 22 24 25 29 32	21 23 25 26 29 33	22 22 26 27 30 35
Casting blade setting	Hole 3	Hole 3	Hole 3

Working width	21 m	24 m	27 m	30 m	33 m	38 m
rpm	2600 rpm	2600 rpm	2600 rpm	2600 rpm	2600 rpm	2600 rpm
km/h	6 8 10 12 15 20	6 8 10 12 15 20	6 8 10 12 15 20	6 8 10 12 15 20	6 8 10 12 15 20	6 8 10 12 15 20
Slide opening						
at 3 kg/ha	21 22 24 25 29 32	21 23 25 26 29 33	22 22 26 27 30 35	22 22 26 27 30 35	22 22 26 27 30 35	22 22 26 27 30 35
Casting blade setting	Hole 3	Hole 3	Hole 3	Hole 3	Hole 3	Hole 3

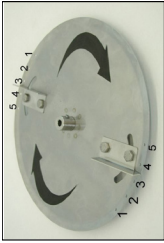
For large spreading widths, wind speed should be noted to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased.

If side distribution is uneven, adjust casting blades.

The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

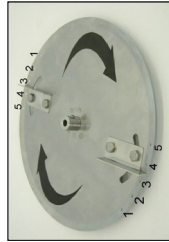
For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.



Important: This spreading chart has not yet been field tested.

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Spreading chart for NaTroX slug pellets LEHNER SuperVario® Check settings with field samples.		Last updated: 07/2008																								
		3 m		4 m		6 m		9 m		10 m																
Working width		300 rpm		350 rpm		750 rpm		1100 rpm		1200 rpm																
Speed		300 rpm		350 rpm		750 rpm		1100 rpm		1200 rpm																
km/h		6	8	10	12	15	6	8	10	12	15	8	10	12	15	20										
Slide opening:		/		/		/		/		/		/		/		/										
at 3 kg/ha		23	24	24	24	25	25	26	26	29	23	26	29	23	24	27	30	33								
at 6 kg/ha		23	24	26	28	30	24	27	28	29	32	25	28	29	30	33	27	29	32	35	38	30	33	36	39	43
Casting blade setting		Hole 5		Hole 4.5		Hole 4.5		Hole 4.5		Hole 5		Hole 5		Hole 4.5		Hole 4.5										
Working width		12 m		15 m		18 m		21 m		24 m																
Speed		1350 rpm		1800 rpm		2250 rpm		2400 rpm		2650 rpm																
km/h		8	10	12	15	20	8	10	12	15	20	8	10	12	15	20										
Slide opening:		/		/		/		/		/		/		/		/										
at 3 kg/ha		24	25	28	31	35	25	26	29	32	36	25	26	29	32	36	26	27	30	33	37	27	28	31	34	38
at 6 kg/ha		31	35	37	41	44	32	36	38	42	45	32	36	38	42	45	33	37	40	43	47	34	38	41	44	48
Casting blade setting		Hole 4		Hole 4.5		Hole 4.5		Hole 4.5		Hole 4.5		Hole 4.5		Hole 4.5												



For large spreading widths, note wind speed to avoid incorrect spreading.
 At low delivery heights, the speed of the disc must be increased.
 If side distribution is uneven, adjust casting blades.
 If there is no scale on the spreading disc, hole 3 means the middle setting.
 For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.

The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half. ©LEHNER

Spreading chart for Spiess slug pellets									
Delivery height: 1.30 m									
LEHNER SuperVario®									
Working width	12 m		15 m		20 m		24 m		Note
Speed	1200 rpm		1800 rpm		2700 rpm		2900 rpm		
km/h	10	15	20	10	15	20	10	15	20
Slide opening:									
at 4 kg/ha	21	34	36	23	30	37	23	31	37
Casting blade setting	Hole 3		Hole 3		Hole 3		Hole 3		Hole 3

For large spreading widths, note wind speed to avoid incorrect spreading.

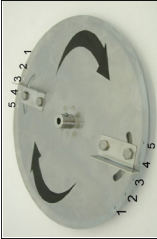
At low delivery heights, the speed of the disc must be increased.

If side distribution is uneven, adjust casting blades.




The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

The suction effect of the spreading disc increases as the speed increases.

For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 4.1 becomes 4.1.



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Spreading chart for Inno Protect® slug pellets																		
Delivery height: 1.30 m			4 m			6 m			9 m									
LEHNER SuperVario® Check settings with field samples.																		
Last updated: 08/2012																		
Working width	3 m						6 m						9 m					
rpm	350 rpm						500 rpm						900 rpm					
km/h	6	8	10	12	15	20	6	8	10	12	15	20	6	8	10	12	15	20
Slide opening																		
at 3 kg/ha																		
Casting blade setting	Hole 3						Hole 3						Hole 3					
Working width	10 m						15 m						21 m					
rpm	1000 rpm						2000 rpm						2650 rpm					
km/h	6	8	10	12	15	20	6	8	10	12	15	20	6	8	10	12	15	20
Slide opening																		
at 3 kg/ha	19	20	22	23	27	30	20	21	23	24	27	31	18	20	22	25	28	33
Casting blade setting	Hole 3						Hole 3						Hole 3					

For large spreading widths, wind speed should be noted to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased.

If side distribution is uneven, adjust casting blades.

The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.

Important: This spreading chart has not yet been field tested.

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Spreading chart for Derrex		LEHNER SuperVario®																			
		Check settings with field samples.																			
Delivery height: 1.30 m		3 m					4 m					6 m					9 m				
Working width		250 rpm					300 rpm					550 rpm					1000 rpm				
Speed	km/h	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
Slide opening:																					
at 5 kg/ha		19	20	21	25	29	20	21	22	26	30	21	22	23	27	31	22	23	24	28	32
at 6 kg/ha		22	23	24	28	32	23	24	25	29	33	24	25	26	30	34	25	26	27	31	35
at 7 kg/ha		25	27	29	31	35	26	28	30	32	37	27	29	31	33	38	28	30	32	34	39
Casting blade setting		Hole 5					Hole 5					Hole 5					Hole 5				
Working width		12 m					15 m					18 m					21 m				
Speed	km/h	1700 rpm					2000 rpm					2500 rpm					2900 rpm				
Slide opening:																					
at 5 kg/ha		23	24	26	29	33	24	25	27	30	34	25	26	28	31	35	26	27	29	32	36
at 6 kg/ha		26	27	28	32	36	27	28	29	33	37	28	29	30	34	38	29	30	31	35	39
at 7 kg/ha		29	31	33	35	40	30	32	34	36	41	31	33	35	38	43	32	34	36	40	44
Casting blade setting		Hole 5					Hole 5					Hole 3					Hole 4				

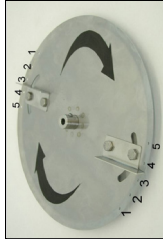
For large spreading widths, wind speed should be noted to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased.

If side distribution is uneven, adjust casting blades.

The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

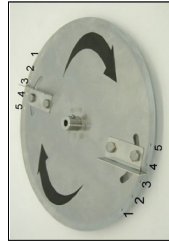
For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.



Important: This spreading chart has not yet been field tested.

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Working width		4 m				6 m				9 m				10 m												
		350 rpm				400 rpm				600 rpm				750 rpm												
Speed																										
km/h		6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	8	10	12	15	20					
Slide opening:																										
at 3 kg/ha		21	23	25	26	28	21	23	24	27	21	22	24	25	28	23	25	26	29	30						
at 5 kg/ha		22	23	24	25	27	24	25	26	27	30	25	26	27	28	31	26	27	28	32	33					
at 7 kg/ha		24	25	26	28	30	25	26	27	28	31	27	28	29	31	34	29	30	33	35	36					
Casting blade setting		Hole 2.5				Hole 2.5				Hole 2.5				Hole 2.5												
Working width		12 m				15 m				18 m				21 m				24 m								
Speed		1000 rpm				1700 rpm				2500 rpm				2700 rpm				2950 rpm								
km/h		8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20					
Slide opening:																										
at 3 kg/ha		24	26	27	30	33	25	27	29	31	34	26	28	29	32	35	27	29	31	35	37	29	31	33	37	40
at 5 kg/ha		27	28	31	32	35	27	29	32	33	37	29	30	34	35	38	30	31	35	36	41	32	33	37	41	44
at 7 kg/ha		30	31	34	39	41	31	32	36	40	42	32	33	38	41	45	33	34	39	42	50	34	37	41	44	52
Casting blade setting		Hole 2				Hole 2				Hole 2				Hole 2				Hole 2								



For large spreading widths, wind speed should be noted to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased.

If side distribution is uneven, adjust casting blades.

The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

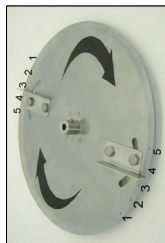
For the universal spreader the slide position is the same; it just has to be shifted one decimal place,

e.g. 4.1 becomes 4.1.

Important: This spreading chart has not yet been field tested.

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Spreading chart for Lima Oro 5 slug pellets																																								
LEHNER SuperVario®																																								
Delivery height: 1.30 m																																								
Last updated: 04/2018																																								
Check settings with field samples.																																								
Working width	3 m					4 m					6 m					9 m					10 m																			
	250 rpm					350 rpm					400 rpm					600 rpm					750 rpm																			
Speed	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15					
km/h	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
Slide opening:	/					/					/					/					/																			
at 3 kg/ha	21	23	25	27	29	22	23	24	26	28	21	23	24	27	29	21	22	24	25	28	23	25	26	27	30	23	25	26	27	30	23	25	26	27	31	23	25	26	27	31
at 4 kg/ha	21	22	23	25	27	22	23	24	26	28	23	24	25	26	29	24	25	26	27	30	24	25	26	27	30	24	25	26	27	30	24	25	26	27	31	24	25	26	27	31
Casting blade setting	Hole 2.5					Hole 2.5					Hole 2.5					Hole 2.5					Hole 2.5																			
Working width	12 m					15 m					18 m					21 m					24 m																			
	1000 rpm					1700 rpm					2500 rpm					2700 rpm					2950 rpm																			
Speed	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20					
km/h	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20	8	10	12	15	20					
Slide opening:	/					/					/					/					/																			
at 3 kg/ha	24	26	27	30	33	25	27	29	31	34	26	28	29	32	35	27	29	31	35	37	29	31	35	37	40	29	31	33	37	40	29	31	33	37	40					
at 4 kg/ha	26	27	30	31	34	26	28	31	32	36	28	29	33	34	37	29	30	34	35	40	31	32	36	40	43	31	32	36	40	43	31	32	36	40	43					
Casting blade setting	Hole 2					Hole 2					Hole 2					Hole 2					Hole 2																			



For large spreading widths, wind speed should be noted to avoid incorrect spreading.

At low delivery heights, the speed of the disc must be increased.

If side distribution is uneven, adjust casting blades.

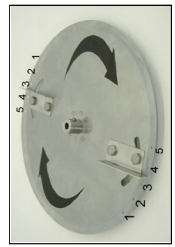
The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.

For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. slide position 4.1 becomes 4.1.

Important: This spreading chart has not yet been field tested.

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Spreading chart for Dino Selenium 25															
LEHNER SuperVario®															
84% CaCO ₃ calcium carbonate, 5% MgCO ₃ magnesium carbonate, 0.04% Se selenium															
Delivery height: 1.00 m Last updated: 02/2014 Check settings with field samples.															
Working width	4.00 m				6.00 m				8.00 m						
	200 rpm				420 rpm				550 rpm						
rpm	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
	Slide opening:														
25 kg/ha	45	49	54	61	69	47	53	60	70	79	49	56	63	75	84
	Casting blade setting														
to hole 3															
to hole 3															
Working width	9.00 m				12.00 m				15.00 m						
	650 rpm				800 rpm				1150 rpm						
rpm	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
	Slide opening:														
25 kg/ha	50	58	65	77	87	59	65	75	86	99	63	74	85	93	110
	Casting blade setting														
to hole 3															
to hole 3															



If side distribution is uneven, adjust casting blades.

The flow properties of the product are greatly affected by external factors such as moisture content and humidity. Please note!

Stirring shaft position: Do not install upper stirring shaft, lower shaft centred/shortened by half.

At lower working widths, we recommend a load-relief cover, part no. 81139

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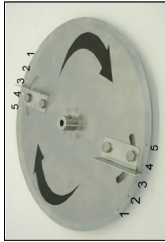
Spreading chart for Pig-S® - the sulphur fertilizer with a difference LEHNER SuperVario®																	
Delivery height: 1.00 m				Last updated: 08/2015				Check settings with field samples.									
Working width			4.00 m				6.00 m				8.00 m						
rpm			200 rpm				420 rpm				550 rpm						
km/h			6	8	10	12	15	6	8	10	12	15					
Slide opening:																	
25 kg/ha			45	49	54	61	69	47	53	60	70	79	49	56	63	75	84
Casting blade setting			to hole 3				to hole 3				to hole 3						
Working width			9.00 m				12.00 m				15.00 m						
rpm			650 rpm				800 rpm				1150 rpm						
km/h			6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
Slide opening:																	
25 kg/ha			50	58	65	77	87	59	65	75	86	99	63	74	85	93	110
Casting blade setting			to hole 3				to hole 3				to hole 3						

If side distribution is uneven, adjust casting blades.

The flow properties of the product are greatly affected by external factors such as moisture content and humidity. Please note!

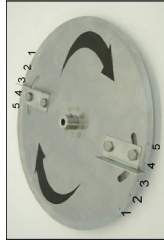
Stirring shaft position: Do not install upper stirring shaft, lower shaft centred/shortened by half.

At lower working widths, we recommend a load-relief cover, part no. 81139



Find out more about Pig-S® here: <https://www.lehner-agrar.de/pig-s> © LEHNER

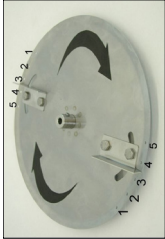
Spreading chart for SCHWEFAL® sulphur pellets		Delivery height: 1.30 m		Last updated: 06/2017		LEHNER SuperVario®		Check settings with field samples.																		
								4 m			6 m			10 m			12 m			16 m						
Working width		300 rpm			550 rpm			1000 rpm			1300 rpm			1800 rpm												
Speed		6	8	10	12	15	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15					
km/h																										
Slide opening:																										
at 15 kg/ha		23	25	28	29	31	25	28	30	34	36	29	31	35	43	48	32	38	42	48	51	45	46	47	49	52
at 25 kg/ha		28	30	32	35	40	30	34	38	41	47	35	41	45	51	58	42	44	47	54	61	47	50	53	60	66
at 40 kg/ha		33	37	40	45	52	36	42	49	54	62	44	51	58	62	71	46	55	61	64	74	52	62	66	70	76
Casting blade setting		Hole 3			Hole 3			Hole 3			Hole 3			Hole 3			Hole 3			Hole 3						
If side distribution is uneven, adjust casting blades.																										
If there is no scale on the spreading disc, hole 3 means the middle setting.																										
For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 41 becomes 4.1.																										
The speed may decrease at upper spreading width.																										
Agitator: Do not install upper stirring shaft. Position lower stirring shaft centrally, or even shorten it.																										
We recommend a load-relief cover: Part no. 81139																										



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Spreading chart for Eurosil 10 micro-granulate (Timac) LEHNER SuperVario®												
Delivery height: 1.00 m			Last updated: 05/2002									
Working width			1.5 m			2 m			4 m			
rpm	300 rpm			500 rpm			2200 rpm					
km/h	2	3	4	6	2	3	4	6	2	3	4	6
Slide opening:	85	85	85	85	85	85	85	85	85	85	85	85
gr/m ²	180	120	90	60	142	95	71	47	80	52	40	105
Space for your own figures:												

Position of casting blade: Hole 5



Special feature: Auxiliary equipment "Eurosil impact plate" is required, otherwise the spreading profile is one-sided (too much material in direction of rotation).

If the sheet is mounted at the front, mount it on the right in the direction of travel, for uniform lateral distribution of this material.

Position of casting blades: Hole 5

Important: Clean the spreader thoroughly with water after each use, and fill with grease via the shaft output.

For the universal spreader the slide position is the same; it just has to be shifted one decimal place, e.g. 85 becomes 8.5.

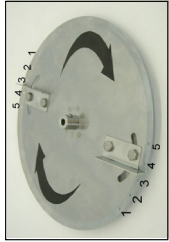
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Spreading chart for Eurosil maize micro-granulate (Timac) LEHNER SuperVario®													
Delivery height 1.00 m		Last updated: 05/2002											
Working width		1.5 m			2 m			4 m					
rpm		300 rpm			650 rpm			2600 rpm					
km/h		2	3	4	6	2	3	4	6	2	3	4	6
Slide opening:		85	85	85	85	85	85	85	85	85	85	85	85
gr/m²		180	120	90	60	130	90	65	45	65	45	32	22
Space for your own figures:													
Position of casting blades: completely against direction of rotation.													
Special feature: Auxiliary equipment "Eurosil impact plate" is required, otherwise the spreading profile is one-sided (too much material in direction of rotation). If the sheet is mounted at the front on the right in the direction of travel, a uniform lateral distribution of this material is achieved.													
Important: Clean the spreader thoroughly with water after each use.													
Remove motor regularly and fill with grease via shaft output.													
©LEHNER													

Spreading chart for Bonsilage Schaumann silage additive LEHNER SuperVario®									
Delivery height: 1.00 m		Last updated: 05/2002							
Working width		1.7 m				3.70 m			
rpm		300 rpm				2200 rpm			
km/h		2	3	4	6	2	3	4	6
Slide opening:		85	85	85	85	85	85	85	85
gr/m ²		215	145	108	72	100	67	50	34
Position of casting blades: completely against direction of rotation.									
Special feature: Auxiliary headland spreading device is required, otherwise the spreading profile is one-sided (too much material in direction of rotation).									
If the headland spreading device is mounted at the front on the right in the direction of travel, a uniform lateral distribution of this material is achieved.									
Important: Clean the spreader thoroughly with water after each use, and regularly fill drive motor with grease via the shaft output.									
For the universal spreader the slide position is the same up to 50; it just has to be shifted one decimal place, e.g. 85 becomes 8.5.									
Above 50, the flow for the SuperVario® is greater.									

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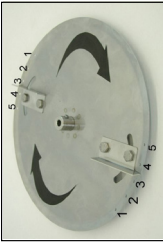
Baffle settings "adjustable"										LEHNER SuperVario®									
Delivery height: 1.00 m										Viterra® rapeseed									
Last updated: 08/2016										47% phacellia/24% flax/19% Persian clover/10% Alexandrine clover									
rpm										Vane setting (vane from left to right)									
Working width		Vane 1	Vane 2	Vane 3	Vane 4	Vane 5	Vane 6	Notch	Casting blade 1	Casting blade 2									
2.0 m		2	14	24	64	77	88	5	Hole 4.0	Hole 4.0									
2.5 m		2	14	24	64	77	88	6	Hole 4.0	Hole 4.0									
3.0 m		2	14	24	64	77	88	6	Hole 4.0	Hole 4.0									
3.5 m		2	14	24	64	77	88	7	Hole 5.0	Hole 5.0									
4.0 m		2	14	24	64	77	88	8	Hole 5.0	Hole 5.0									
km/h										6 8 10 12 15									
Output rate 15 kg/ha																			
Slide opening 2,0 m		21		23	24	26	27												
Slide opening 2,5 m		22		24	26	27	31												
Slide opening 3,0 m		23		25	27	30	32												
Slide opening 3,5 m		24		26	28	31	33												
Slide opening 4,0 m		25		27	29	32	34												

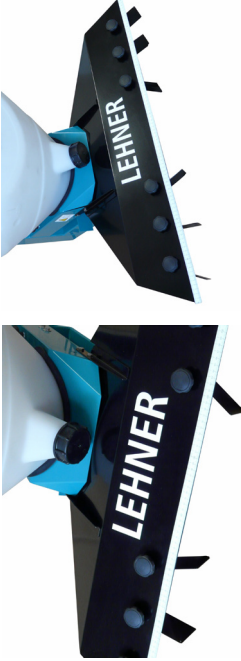


Please note that these are guide values. These settings must be checked and, if necessary, adjusted by means of a field test.

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LEHNER SuperVario®										
Viterra® Fast green mix										
Delivery height: 1.00 m Last updated: 07/2015 58% ALBATROS white mustard/23% Alexandrine clover/19% ENERGY Sarepta mustard seed										
Vane setting (vane from left to right)										
Working width	rpm	Vane 1	Vane 2	Vane 3	Vane 4	Vane 5	Vane 6	Notch	Casting blade 1	Casting blade 2
2.5 m	900	2	14	24	67	77	88	4	Hole 2.5	Hole 2.5
3.0 m	1500	2	14	24	67	77	88	5	Hole 2.0	Hole 2.0
3.5 m	1900	2	14	24	67	77	88	6	Hole 2.0	Hole 2.0
4.0 m	2200	2	14	24	67	77	88	7	Hole 2.0	Hole 2.0
km/h		6	8	10	12	15				
Output rate 15 kg/ha										
Slide opening 2.5 m		18	20	22	24	27				
Slide opening 3.0 m		17	19	21	23	26				
Slide opening 3.5 m		18	20	22	24	27				
Slide opening 4.0 m		19	21	23	25	28				

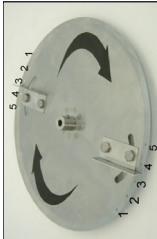




Please note that these are guide values.
These settings must be checked and, if necessary, adjusted by means of a field test.

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Baffle settings "adjustable"		LEHNER SuperVario®									
Viterra® Universal mix		15% raw oats/37% Alexandrine clover/48% phacelia									
Delivery height: 1.00 m Last updated: 07/2015		Vane setting (vane from left to right)									
Working width	rpm	Vane 1	Vane 2	Vane 3	Vane 4	Vane 5	Vane 6	Notch	Casting blade 1	Casting blade 2	
2.5 m	1800	5	12	22	65	79	88	4	Hole 3.5	Hole 3.5	
3.0 m	1900	5	12	22	65	79	88	5	Hole 2.5	Hole 2.5	
3.5 m	2000	5	12	22	65	79	88	7	Hole 2.5	Hole 2.5	
4.0 m	2100	2	12	22	65	79	88	8	Hole 3.0	Hole 4.0	
km/h		6	8	8	10	12	15				
Output rate 25 kg/ha											
Slide opening 2.5 m		40	43	46	55	58					
Slide opening 3.0 m		41	44	49	56	61					
Slide opening 3.5 m		43	46	55	59	64					
Slide opening 4.0 m		45	48	57	61	67					

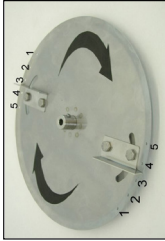


Please note that these are guide values.
These settings must be checked and, if necessary, adjusted by means of a field test.

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LEHNER SuperVario®											
Phacelia-buckwheat mix											
50% phacelia/50% buckwheat											
Delivery height: 1.00 m Last updated: 07/2015											
Vane setting (vane from left to right)											
Working width	rpm	Vane 1	Vane 2	Vane 3	Vane 4	Vane 5	Vane 6	Notch	Casting blade 1	Casting blade 2	
2.5 m	1000	4	12	22	68	78	86	3	Hole 3.5	Hole 3.5	Hole 3.5
3.0 m	1500	4	12	22	68	78	86	4	Hole 2.0	Hole 2.0	Hole 2.0
4.0 m	2000	4	12	22	68	78	86	5	Hole 2.0	Hole 2.0	Hole 5.0
km/h		6	8	10	12	15					
Output rate 35 kg/ha											
Slide opening 2.5 m		32	35	38	41	46					
Slide opening 3.0 m		34	37	41	45	51					
Slide opening 4.0 m		36	39	42	47	53					



Please note that these are guide values. These settings must be checked and, if necessary, adjusted by means of a field test.

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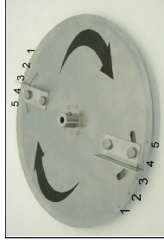
White mustard/oil radish mix

60% white mustard/40% oil radish

Delivery height: 1.00 m Last updated: 07/2015

		Vane setting (vane from left to right)									
Working width	rpm	Vane 1	Vane 2	Vane 3	Vane 4	Vane 5	Vane 6	Notch	Casting blade 1	Casting blade 2	
3.0 m	750	1	11	21	69	79	89	4	Hole 1.5	Hole 5.0	
4.0 m	1500	1	14	24	67	77	90	4	Hole 3.0	Hole 4.5	

km/h	6	8	10	12	15
Output rate 15 kg/ha					
Slide opening 3.0 m	23	25	27	30	34
Slide opening 4.0 m	24	26	28	31	35



Please note that these are guide values.

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