LEHNER

SuperVario®

Operating instructions with replacement parts list

Control unit LAS 3
Software from version 2.5 onwards
Status: March 2016
Serial number: .....
Software version: .....

Translation of the original operating manual

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1. What you should know

1.1 Foreword

Congratulations on your decision to purchase this product. We are grateful that you have placed your trust 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 conscientious work of our employees, this equipment meets all efficiency, quality, reliability and value requirements.

Maintaining and servicing in accordance with the operating manual ensures the safety of the device and maintains the value of your **SuperVario®**.

1.2 About this operating manual

This operating manual forms part of the SuperVario® and must always be readily available. All persons who work with the SuperVario® must read and follow the operating manual.

They will learn about the technical details and how to control the machine and optimise its performance.

Warning notices

Warning notices in this operating manual are identified as follows:

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

1.3 Intended use

The **SuperVario®** is used exclusively for spreading granules and seeds.

1.4 Warranty

We offer a 24 month warranty on the **SuperVario®**.

⚠	**Caution!** Faulty or incorrectly sized 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 will automatically invalidate 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 subject to the manufacturer's warranty.

Prior to assembly:

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

1.5 About your safety

- Read this operating manual through carefully before use and follow the instructions. 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, follow the legal rules of the road.
- Observe the safety instructions.
- Immediately resolve any safety-related deficiencies.
- Keep out of the spreading zone. Make sure that no other persons enter in the spreading zone.
- Do not reach into the hopper during operation.
- Follow the safety guidelines on the package insert when spreading granules.
- Wear protective closing, in particular universal protective gloves, filling with slug pellets or baits. Only fill as many pellets or baits as needed in the short term. Return any remaining product to the original packaging. Ensure that the product does not enter the environment in an uncontrolled manner.
- Observe the following points when spreading slug pellets:
  The device should only be mounted on the front of carrier vehicles with a closed cabin.
  Windows should remain closed.
  Care should be taken that air intake into the cabin is always filtered. The operator must check that the filter is working.
- Do not undertake any repairs, maintenance or cleaning procedures on the **SuperVario®** when the mains plug is connected.
- Comply with the regulations of the spreading material manufacturer.
- It is essential to comply with the instructions of the spreading material manufacturer in question.
- LEHNER Agrar GmbH does not accept any liability for storage and use of the spreading material.

2. Commissioning the SuperVario®

2.1 Mounting the frame

The **SuperVario®** can be screwed on directly or an auxiliary bracket can be used.

Mounting holes have been provided on the back of the frame.

Please refer to the spreading charts for the delivery height (1.00 - 1.30 m).

The **SuperVario®** can be attached on the front or rear of a tractor, off-road vehicle, ATV or soil cultivation implement. Because a full hopper makes the **SuperVario®** considerably heavier, the load capacity of side walls and other brackets is to be checked.

2.2 Electrical connection

Technical data

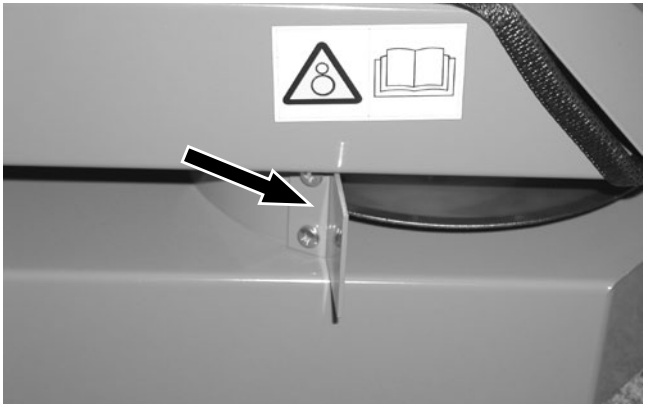
Operating voltage	12 to 15 V
Fuse	25 A
Motor output	180 W
Speed range	200 to 3000 rpm
Current draw Bosch motor	Start up to 25 A, normal operation up to 18 A
Operating temperature	-10 to +70 °C
Storage temperature	-30 to +70 °C
Weight of SuperVario® 70/110/170	31.5/33/35 kg

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

You must consult with the manufacturer before carrying out any cable extensions.

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

2.3 Mounting the SuperVario®



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

Note:

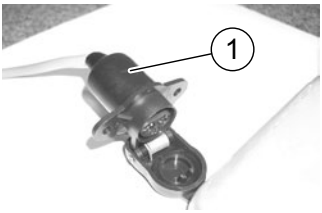
The handles (2x) can be fitted to the holes provided for them to make the machine easier and better to handle.

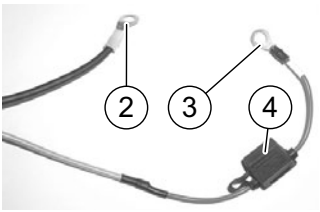
Caution!

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

2.4 Mounting the control panel

⚠	**Caution!** Ensure that the cable is not routed over any sharp edges.





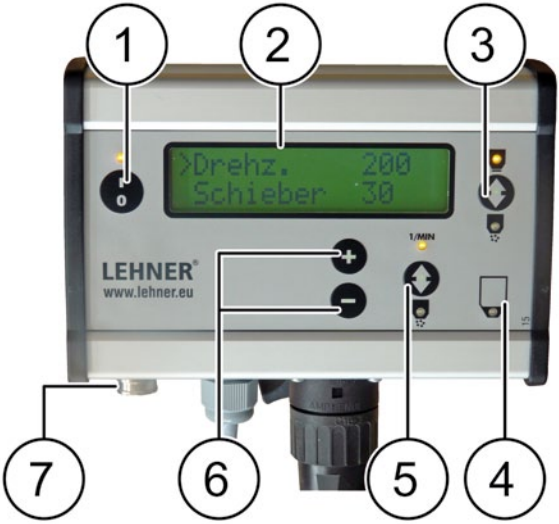
1. Mount the support for the control panel in the vehicle cabin.
2. Always use the supplied battery cable even if there is a socket, because our battery cable is 4 mm².

   Connect connection **2** to the negative terminal of the battery (not to the bodywork).
   Connect connection **3** (with fuse 4) to the positive terminal of the battery. Place the cable end with 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.

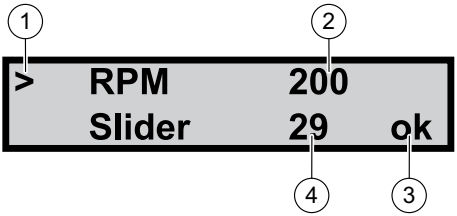
3. Operating the SuperVario®

3.1 Controls on the control panel



1. On/off switch
2. Display
3. Open and close 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. Adjusting the speed or slide
7. Preparation of headland manager (VGM)

3.2 The display

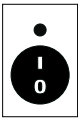


1. Arrow denotes the active line
2. Spreading disc speed
3. OK symbol for open slide
4. Slide opening

Error messages, see also chapter *"6.4 Troubleshooting" on page 39*.

3.3 Switching on / off

⚠	**Danger!** The drive motor starts immediately when switching on. Make sure that no-one is in the danger area when switching on.



Press the button.

The spreading disc speed and slide opening are displayed. The slide is always closed when switching on the drive motor.

> RPM	200
Slide	29

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

> RPM	200
Spr. connection	

Low temperatures can cause the empty indicator to respond slowly.

Checking the setting:

1. Allow the spreader to run for about 1 minute with the slide closed.
2. If the slide is now opened, the empty indicator must respond after about 5 seconds.
3. If this is not the case, adjust the empty indicator by 5% in the negative range, see chapter *"4.6 Setting the empty indicator" on page 23*.

Autostart

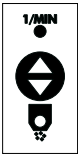
If the motor is difficult to start due to heavy loads, start the motor up to 10 times in alternating motor directions. If the agitator does not break free as a result, the motor is automatically switched off. The following message is shown in the display: **Disc blockage.**

⚠	**Danger!** Never open the hopper and never touch the spreading disc when the drive motor is running. Switch off the drive motor and make sure that the motor has stopped before you open the hopper or touch the spreading disc.

Clearing the blockage:

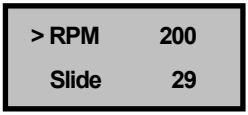
1. Switch off the motor.
2. Manually turn the spreading disc or empty the hopper.

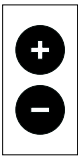
3.4 Setting the speed



Press the button if necessary to select the speed,

the arrow points to the first line in the display.





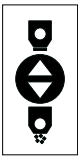
Press the + or - button to set the speed.

The speed can be infinitely varied from 200 - 3000 rpm.

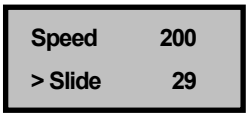
Refer to the spreading charts for the required speed.

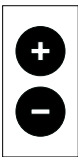
The display shows the set speed for 10 seconds; only then is the actual speed displayed.

3.5 Setting the slide opening



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

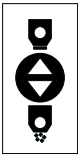




Press the + or - button to set the slide opening.

Refer to the spreading charts for the required slide opening.

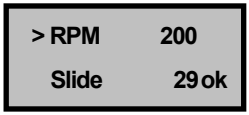
3.6 Opening/closing the slide



Press the button to open or close the slide.

Slide open: green LED lights up

Slide closed: yellow LED lights up



Slide monitoring

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

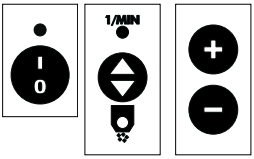
The following message is shown in the display:

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

For troubleshooting, see chapter *"6.4 Troubleshooting" on page 39*.

3.7 Performing the slide reference run

The slide motor and control panel are adjusted to one another at the factory. The setting 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 the upper value as approx. 240 and the lower value as approx. 40. Switch machine off at the main switch so that the values are stored. If a slide reference run cannot be performed, the following message flashes on the display: Slide not calib.

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

3.8 Setting the spreading width

The spreading width depends on the nature 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 shovels according to the spreading chart.

3.9 Setting the agitator

Because grasses, in contrast to seeds with a 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 t 1/3

Setting for remaining products:

Upper stirring shaft removed

Lower stirring shaft at a ratio 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 loosen the agitator by turning to the right.
   Important: Left-hand thread!
3. Install the stirring shaft appropriately.

3.10 Empty indicator

The empty indicator shows when the spreading material in the hopper drops below a particular fill level.

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

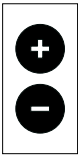
To switch off the empty indicator again, briefly close the slide or switch off the spreader.

3.11 Adapting the empty indicator to the motor output

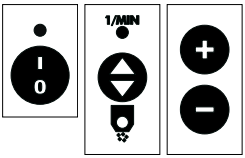
Note:

Only make adjustments if the empty indicator setting was unsuccessful, see *"4.6 Setting the empty indicator" on page 23*.

Empty the hopper.



Then, in the main menu, use the + and - buttons to set the empty indicator to zero.



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

Set the spreading disc motor to 2400 rpm.

Keep the Open/close button pressed for about 5 seconds.

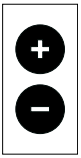
The display now changes to the Bosch disc motor (TLB).

Press the button for changing between speed and slide (1x). The display shows the actual idling speed output (LL) and idling speed output table (LLT) values.

Press the - button 1x to reset the stored values.

Press the + button 1x to transfer the LL value to the LLT.

This means the empty indicator has been readjusted.



Press the + button to confirm; the actual idling speed output (LL) is transferred to the idling speed output table (LLT) in three numbers.

This means the empty indicator has been readjusted.

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 setting

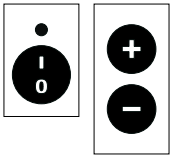
Spreader type

Spreader number

Motor selection

4.1 Making settings

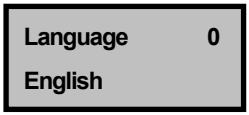
Switch off the machine.



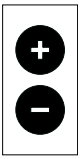
Press the + **and -** buttons at the same time and hold them until the machine switches on.

Keep all three buttons pressed for about 3 seconds.

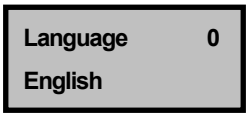
The language selection is displayed.

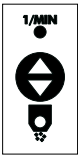


4.2 Language



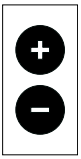
Press the + or - button to set the language.





Press toggle switch: Setting saved, next menu item or press main switch: Setting saved and machine switches off.

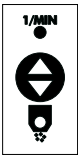
4.3 Selecting the empty indicator



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

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

Empty indicator 1
One disc

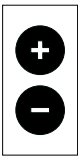


Press toggle switch: Setting saved, next menu item or press main switch: Setting saved and machine switched off.

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 output when lifting or lowering.

The spreader factory setting is for the signal to be output when lifting. If the tractor outputs the signal when lowering, you can adjust the spreader.



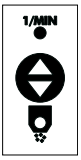
Press the + or - button to set the EHR signal.

EHR signal for lifting:

High active is displayed.

EHR signal for lowering: Low active is displayed.

EHR signal 0
High active



Press toggle switch: Setting saved, next menu item or press main switch: Setting saved and machine switches 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 max. 10 times.

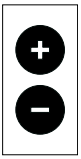
4.6 Setting the empty indicator

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

Each of the values can be set between -50 and +50.

Note:

Depending on the spreading material or material humidity, the remainder level may vary somewhat.



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

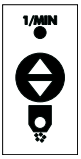
Factory setting is 0.

+ values: Switching on and off if the fill level is relatively high.

- values: Switching on and off if the fill level is relatively low.

Setting 0

Empty indicator ON

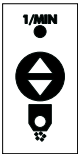


Press toggle switch: Setting saved, next menu item or press main switch: Setting saved and machine switches off.

4.7 Displaying the spreader type

The control unit is intended for a variety of spreaders.

The **SuperVario®** is programmed at the factory. Various LEHNER spreaders can be operated with this control panel.



Press toggle switch: Setting saved, next menu item or press main switch:

Setting saved and machine switches off.

Spreader type	**0**
SuperVario	

4.8 Spreader number

This option is only activated in the duo control unit (optional accessory).

4.9 Displaying the motor

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

The control unit is programmed at the factory and adjusted to the installed motor. Thi 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**

The headland manager automatically opens the slide when the hydraulics are lowered, and automatically closes it when the hydraulics are lifted.

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

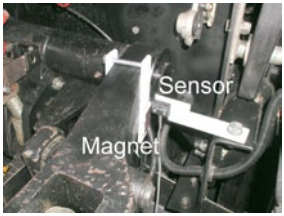
When starting work with the headland manager, the slide must first be opened manually.

The signal can be detected by a 7-pin socket or a sensor signal.

7-pin socket

1. Connect the connecting cable of the control panel to the 7-pin signal socket 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. Mount the sensor in the joint section of the lower link.
2. Mount 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 not in field of magnetic encoder.
   - Hydraulics at the height where the slide should close or open:
     Sensor just reaches field of magnetic encoder.

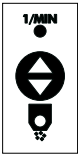
   Hydraulics lifted:
   - Sensor must still be in field of magnetic encoder.
   - When the hydraulics are lifted, the sensor must not leave the field of the magnetic encoder, as otherwise the slide will open again.

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.

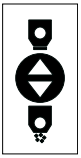
Factory recommendation min. 12.6 V.

Voltage 14.0 V

Performance check

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

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



Keep the button pressed.

The following information is displayed:

Line 1: Current drive motor,

power consumption in watts and precise 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 can be found in the attached spreading charts.

If you turn the spreader, please note that 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 different vibrations during field use.

Turning

1. Put the spreader in the box or put the box 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 out 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.

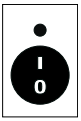
Formulae

$$\frac{\text{Output rate in kg/min x 600}}{\text{Output amount in kg/ha x spreading width in m}} = \text{Speed in km/h}$$

$$\frac{\text{Output rate in kg/min x 600}}{\text{Speed in km/h x spreading width in m}} = \text{Output amount in kg/ha}$$

$$\frac{\text{Output amount in kg/ha x speed in km/h x spreading width in m}}{600} = \text{Output rate in kg/min}$$

4.13 Setting the auto-dose (optional accessory)



Press the buttons.

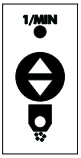
The speed of the spreading disc and the slide opening are displayed.

The slide is always closed when switching on the drive motor.

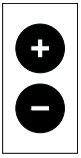
> Speed	200
Slide	29

Press the button.

The spreading material, the spreading width and the output kg/ha are displayed.

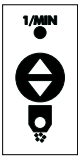


Press the button, the spreading material designation "flashes".



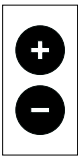
Press the + or - button to change spreading material (e.g. from yellow mustard to Metarex).

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

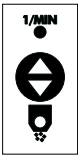


Press the button to confirm the choice of spreading material.

Spreading width "flashes".

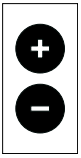


Press the + or - button to set the spreading width.

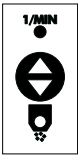


Press the button to confirm the choice of spreading width.

Output kg/ha "flashes".



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



Press the button to confirm the output kg/ha.

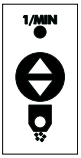
The control panel is programmed for automatic operation.

The set spreading material, the spreading width and the output kg/ha are displayed.

Hold the button down for at least 5 sec.

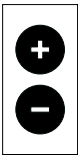
The quantity adaptation is displayed in %.

Here, you can change the output amount yourself if you find there is too much or too little.

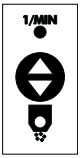


Press the button.

Speed impulse - - - 1/m is displayed.



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



Press the button.

The quantity adaptation is displayed in %.

Press the button.

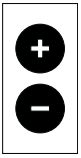
The set spreading material, the spreading width and the output kg/ha are displayed.

The speed impulses per metre are set.

The control unit 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 adaptation.

Press the button for around 5 seconds.

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

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

Press the button to return to operating mode.

Quantity adaptation

0%

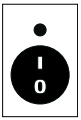
Press the button.

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

4.14 Operating 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 adaptation in % is executed automatically from the control panel.



Press the button.

The speed of the 'spreading disc and the slide opening ar displayed.

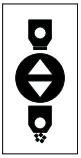
The slide is always closed when switching on the drive motor.

> Speed	200
Slide	29

Press the button.

The set spreading material, the spreading width and the output 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 speed travelled at is higher than the value stored in the spreading chart in the control unit, the message "Too fast" appears in the display. Only the maximum speed stored in the spreading chart is included in the calculation, not the speed actually being travelled at.

OPEN 120 33.2km/h
Too fast

If the speed travelled at is lower than the value stored in the spreading chart in the control unit, the message "Too slow" appears in the display. The minimum speed stored in the spreading chart is included in the calculation, not the speed actually being travelled at.

Yellow mustard 2 km

Too slow

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

Slide not open

Once the vehicle stops and sets off again, the button "Slide open" must be pressed again to make the slide open.

When working with the headland manager (VGM), this operation is not required.

At the present time, 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

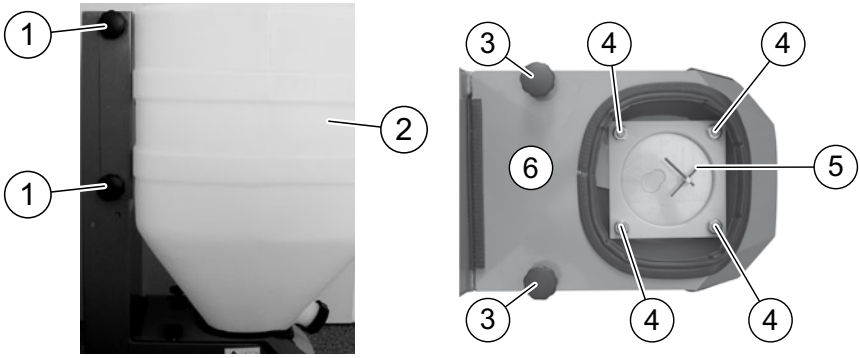
A total of 12 spreading charts can be stored in the control panel. This setting can only be made at the factory. Spreading charts can of course be exchanged (see section *"6.6 Spreading charts" on page 42*).

5. Maintenance and cleaning

5.1 Service

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 loosen the agitator **5** by turning to the right.

   Important: Left-hand thread!
6. Remove nuts **4**.
7. Dismantle the hopper platform and pull the dosage slide out from the top.
8. Clean the slide unit with a broom or compressed air.

For corrosive 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 completely emptied by means of the residue discharge.

1. Unscrew the hopper.
2. Clean spreader and hopper with a broom.

6. Appendix

6.1 EC Declaration of conformity

EC Declaration of conformity

in accordance with the EC Machinery Directive 2006/42/EC, app. II, 1.A

Manufacturer:

LEHNER Agrar GmbH
Häuslesäcker 5-9
89198 Westerstetten

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

Description and identification of the machine:

Product: SuperVario®

Type: 70/110/170

Function: The SuperVario® is a spreader for spreading slug pellets and seeds for grasses and intermediate crops such as mustard, phacelia, fodder radish and turnip rape. It is produced in three sizes. These differ in the hopper capacity; 70, 110 and 170 litres. There is a stirring shaft on the spreading disc that projects into the hopper. This keeps the spreading material mobile in the area of the application opening. The application rate and the rotation speed of the spreading disc are infinitely variably controlled from the operator's cabin via the control panel. Optionally, a separate motor drives a slowly rotating agitator which can be installed horizontally (soft agitator).

It is expressly declared that the machine is in accordance with all relevant provisions of the following EC Directives:

2006/42/EC	EC Machinery Directive 2006/42/EC
2004/108/EC	(Electromagnetic Compatibility) Directive 2004/108/EC of the European Parliament and Council dated 15 December 2004 on the harmonisation of legal regulations in the member states regarding electromagnetic compatibility and replacing Directive 89/336/EEC

Source of the harmonised standard applied acc. to Article 7, para. 2:

EN ISO 12100-2:2003-11	Safety of Machinery – Basic concepts; general principles for design – Part 2 Technical principles
EN ISO 14121-1:2007	Safety of Machinery – Risk assessment – Part 1: Principles (ISO14121-1:2007)
EN 50498:2010	Electromagnetic compatibility - Product family standard for electronic equipment subsequently installed in vehicles
EN ISO 14982:2009	Electromagnetic compatibility - Agricultural and forestry machinery

Source of the other technical standards and specifications applied:

EN ISO 12100-1:2003-11	Safety of Machinery – Basic concepts; general principles for design – Part 1: Basic terminology, methodology

Westerstetten, 12.04.2009

Place, date

Signature
Helmut Lehner
CEO

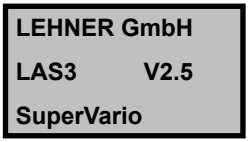
6.2 Identification

The serial number of the spreader is applied to the rear of the frame.

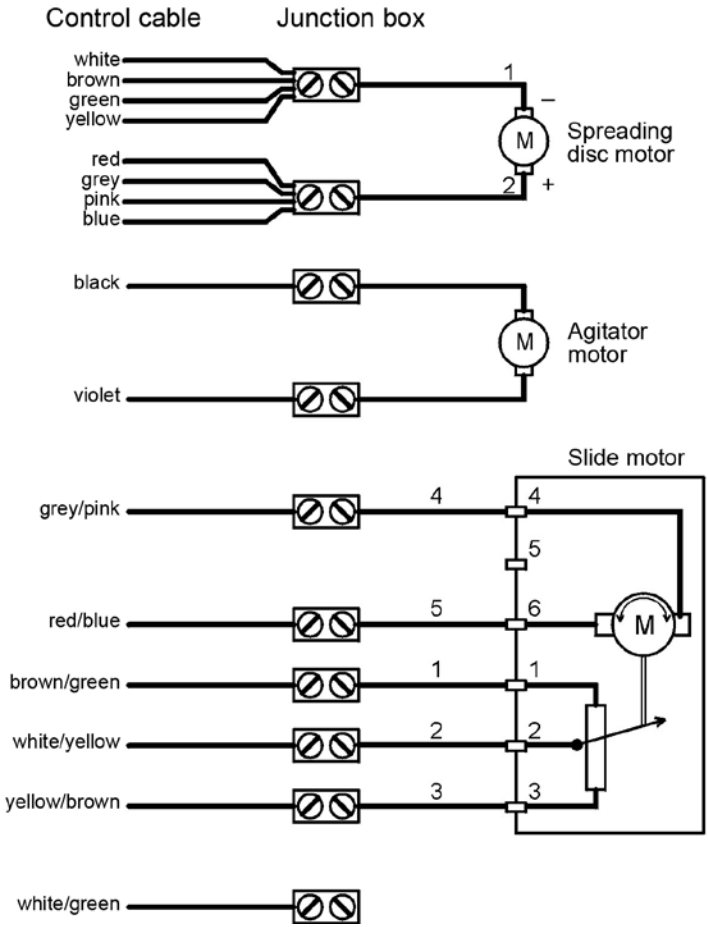
Note the serial number in this operating manual so that it is readily available for inquiries.

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.



6.3 Distribution box reference list



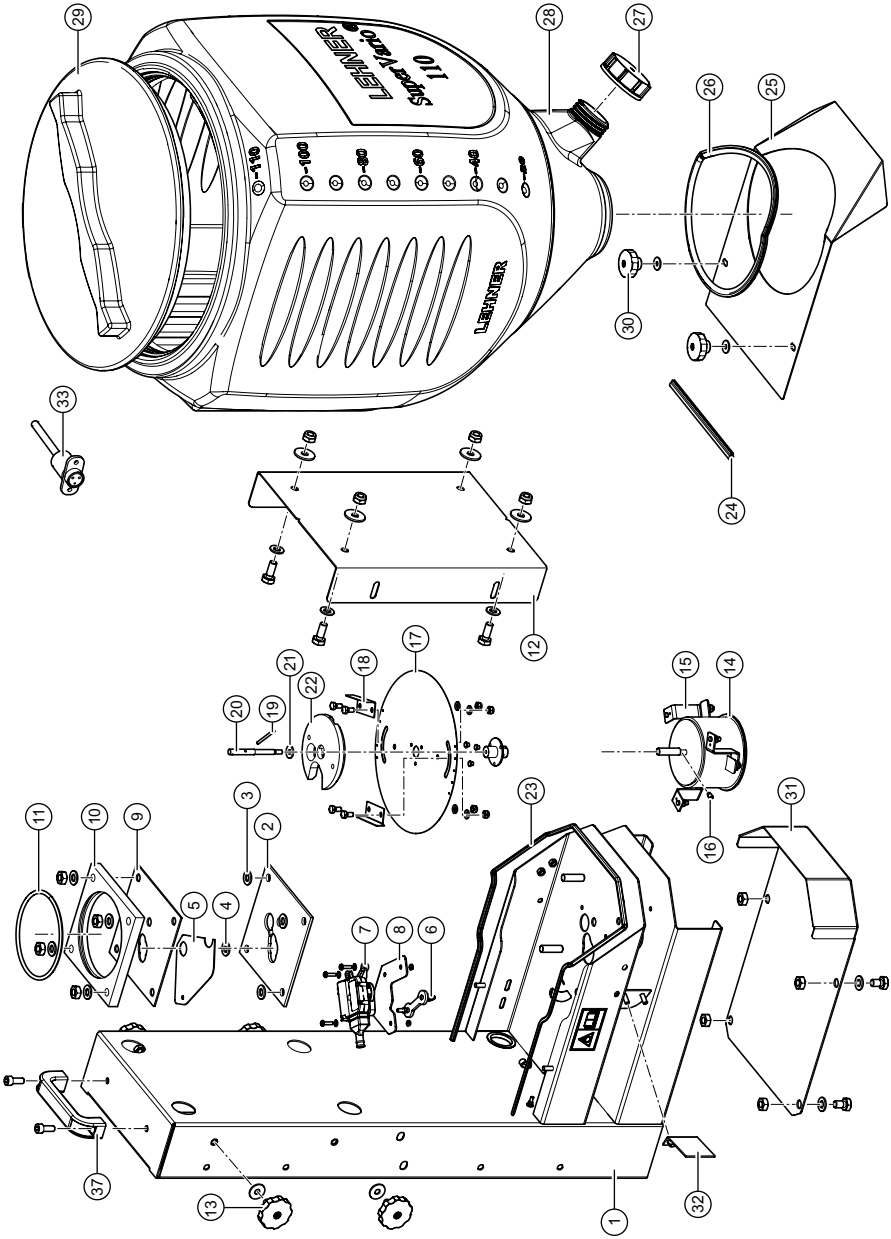
6.4 Troubleshooting

Troubleshooting LEHNER SuperVario® Status: 04/2012

The following information should help you resolve minor problems yourself. You are welcome to call us as needed. We are glad to help.

Problem	Cause	Resolution
Nothing appears on the display after switching on	Polarity reversed or fuse has blown	Check connections and fuses
Agitator does not turn over	Foreign bodies in the agitator	Empty hopper and check for foreign bodies Dismantle upper stirring shaft
Spreading disc does not reach set speed	Upper stirring shaft installed / power supply Very strong vibrations and resulting settling of the material Foreign bodies in the agitator, load too great or power supply too weak	Place lower stirring shaft in centre Order and install "load relief roof" accessory Check the agitator, check the stirring shaft, see the "Setting the agitator" chapter Check the electrical power supply, see the "Mounting the control panel" chapter
Slide jams	Spreading material or dirt is jammed between the slide plates	Clean the slide, see the "Cleaning" chapter
Display shows: Disc blockage	Spreading disc does not turn; switches off after 10 attempts Material may be excessively compacted	Check the agitator, check the stirring shaft, see the "Setting the agitator" chapter Possibly restart spreader
Display shows: Slide not open	Slide could not reach correct position when opening	Check slide for contamination, or perform reference run; see Slide reference run, Cable not plugged in, motor defective
Display shows: Slide not closed	Slide could not reach correct position when closing	Check slide mechanism for foreign bodies or perform the reference run See the "Performing the slide reference run" chapter
Slide does not open although no error message is displayed.	Mechanical damage to slide mechanism	Check slide motor and transfer mechanism
Display shows: Spr. Connection	Control panel plug not connected to spreader or cable damage/voltage dip	Check plug connections, cables, socket and pins
Empty indicator does not respond	Empty indicator is set too low	Adjust the empty indicator, see chapter "4.6 Adjusting the empty indicator" on page 23. If this does not resolve the problem, please carry out the procedure described in point "3.11 Adapting the empty indicator to the motor output" on page 19.
Headland manager closes the slide when draining the hydraulics and opens when lifting	Signal incorrectly applied	Rotate the signal, see the "Setting the EHR signal" chapter
Display shows 8888 or letters	Control panel fault	Control panel must be replaced
Headland manager does not always close	Distance from sensor to magnetic encoder too great	Check the left/right distance from the sensor, max. 10 mm
Slide fault	Plug from control panel not connected to spreader. Plug not connected to the slide motor.	Check plug connections, cables, socket and pins.

6.5 Replacement parts



Status 04/2012

	Designation	Quantity	LEHNER Article No.
1	Steel frame	1	81548
2	Dosage slide underside "white"	1	80281
3	U-disc M10	3	-
4	Adjusting washer	1	-
5	Slide	1	80234
6	Double spherical bearings with ball stud	1	73213
7	Slide motor incl. cable	1	81448
8	Fixing bracket for slide motor	1	81393
9	Dosage slide, top in VA	1	81965
10	Container mounting	1	80264
11	Hopper seal	1	81395
12	Container bracket	1	80342
13	Star-knob screws M8x14 mm	4	73214
14	Bosch drive motor	1	80177
15	Motor mounts	3	-
16	Hexagon socket set screw	1	-
17	Spreading disc (complete with casting blades)	1	80472
18	Casting blade	2	81396
19	Stirring shaft (chipped wood shaft 3 x 50)	2	-
20	Stirring shaft with left-handed thread 8 x 87	1	80376
21	Sealing disc	1	73215
22	Stabilisation disc	1	80268
23	Edge guard without padding	1	80258
24	Edge guard with padding	1	80259
25	Cover plate	1	81397
26	Edge guard with padding for hopper	1	80258
27	Residual discharge lid	1	80393
28	Hopper 70 / 110 / 170 ltr.	1	81075 / 81076 / 81077
29	Hopper cover	1	80107
30	Star grip nut M6	2	73216
31	Front and base plate	1	81555
32	Impact plate	1	81398
33	Battery cable with bracket	1	72154
34	Control cable 6 m (no diagram)	1	80658
35	Control panel (no diagram)	1	80645
36	Operating instructions with spreading charts	1	80174
37	Handle	2	81997
38	Junction box for control cable	1	80465
39	Support for control panel	1	80642
40	Load relief cover for hopper	optional	81139

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			
RPM	300 RPM				350 RPM				400 RPM				460 RPM			
km/h	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
at 10 kg/ha	19	22	24	26	20	24	26	27	23	26	28	30	24	27	29	31
at 12 kg/ha	21	24	26	28	22	26	27	29	25	28	30	32	26	29	31	35
at 15 kg/ha	23	26	28	31	25	27	29	32	27	30	33	37	28	31	35	39
at 20 kg/ha	26	29	33	36	27	30	35	38	30	35	39	42	31	36	41	45
at 25 kg/ha	28	33	37	40	29	35	39	42	32	39	44	48	35	41	47	51

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 8 kg/ha	23	26	28	29	25	28	31	35	30	34	43	50	29	32	41	49
at 10 kg/ha	25	28	31	34	27	31	35	39	34	38	48	57	32	36	47	58
at 12 kg/ha	27	30	35	37	29	34	39	43	38	43	53	65	36	40	54	67
at 15 kg/ha	30	34	38	43	33	39	44	48	43	48	62	76	40	47	63	82
at 20 kg/ha	34	40	45	49	39	45	54	58	50	59	76	91	49	58	82	
at 25 kg/ha	38	45	50	54	44	50	60	66	59	67	87		58	70	100	

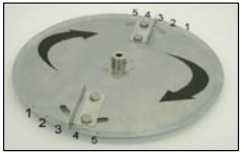
Position of casting blades: Hole 5

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

The pull of the spreading disc increases as the speed increases.

For the universal spreader the slide position is the same up to 50, it only has to be shifted by one decimal place. For example, 41 then becomes 4.1

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



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One-sided spreading chart, white mustard

LEHNER SuperVario®

Delivery height: 1.00 m

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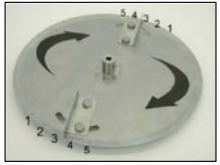
Working width	**3 m**					**3.5 m**					**4 m**					**5 m**					**6 m**				
RPM	**1400 rpm**					**1700 rpm**					**2000 rpm**					**2300 rpm**					**2500 rpm**				
km/h	4	6	8	10	12	4	6	8	10	12	4	6	8	10	12	4	6	8	10	12	4	6	8	10	12
Slide opening:																									
at 8 kg/ha	9	10	12	15	17	10	11	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

Last updated: 07/2002



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 only has to be shifted by one decimal place. e.g. 85 becomes 8.5

Note: A special adjustable deflector plate for "ploughing on the right" is required for this purpose. Article 72181

Spreading chart, fodder radish

LEHNER SuperVario®

Delivery height: 1.00 m **Last updated: 08/2 Check settings with field samples.**

Working width	2.5 m				3 m				3.4 m				4.00 m			
RPM	200 RPM				250 RPM				300 RPM				340 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	23	25	26	28	24	26	28	30	25	27	29	31	26	28	31	35
at 12 kg/ha	24	26	28	30	25	28	30	33	26	29	32	35	27	30	35	37
at 15 kg/ha	26	28	30	33	27	30	34	37	28	31	36	39	30	35	38	41
at 20 kg/ha	28	31	35	38	30	34	38	42	31	37	40	44	34	39	43	47
at 25 kg/ha	30	35	38	42	34	38	42	46	36	40	45	48	38	43	47	51
Working width	5.00 m				6.00 m				12.00 m				17.00 m			
RPM	370 rpm				460 rpm				930 rpm				2300 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	28	31	34	37	29	32	35	38	35	42	46	50	32	38	43	47
at 12 kg/ha	30	33	37	40	31	34	38	45	40	45	50	55	36	42	47	51
at 15 kg/ha	32	37	41	45	34	38	45	48	44	50	57	60	40	47	53	59
at 20 kg/ha	38	43	47	51	39	46	50	56	50	58	69	75	47	56	66	74
at 25 kg/ha	41	47	53	59	45	50	57	66	56	69	78	87	54	66	80	90

Position of casting blades: Hole 5

The pull 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1
Above 50, the slide unit for the SuperVario is somewhat larger as it is pear-shaped.

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Spreading chart for Phacelia

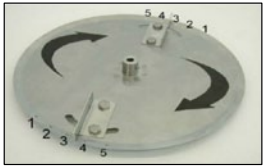
LEHNER SuperVario®

Delivery height: 1 m

© LEHNER

Spreading width [m]	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	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

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 only has to be shifted by one decimal place. For example, 41 then 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.



Caution: A special Phacelia spreading disc is required for this purpose! Article 80575

Spreading chart, red clover

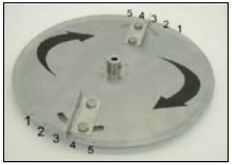
LEHNER SuperVario®

Delivery height: 1.00 m **Recommended output: 20 kg/ha** **Check settings with field samples.**

Working width	**2.5 m**				**3 m**				**4 m**				**5 m**				**6 m**			
RPM	**250 rpm**				**300 rpm**				**400 rpm**				**500 rpm**				**700 rpm**			
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				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**			
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			

If side distribution is uneven, adjust casting blades. In the case of the universal spreader the slide setting up to 50 is the same, it is only necessary to shift one decimal place. For example, 41 becomes 4.1
Above an opening size of 50, the opening is larger in the case of the SuperVario®.
The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.



©LEHNER Last updated: 08/2005

Spreading chart, alex clover

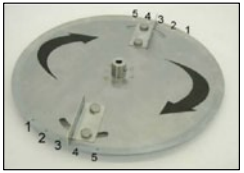
LEHNER SuperVario®

Delivery height: 1.00 m

Check settings with field samples.

Working width	3 m				4 m				5 m				6 m			
RPM	300 rpm				400 rpm				500 rpm				700 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	18	20	22	24	20	22	23	26	22	24	26	30	24	26	29	31
at 15 kg/ha	20	22	24	26	24	26	29	33	26	30	33	35	27	31	34	38
at 20 kg/ha	22	24	26	29	27	29	34	37	30	34	38	40	31	35	40	44
at 25 kg/ha	24	26	29	33	29	34	38	40	32	38	40	44	34	39	44	50
Casting blade setting	Hole 5				Hole 5				Hole 5				Hole 5			

Working width	8 m				9 m				12 m				15 m			
RPM	1500 rpm				1700 rpm				2300 rpm				2900 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	25	27	30	32	26	28	31	33	27	29	32	34	28	30	34	37
at 15 kg/ha	28	32	35	39	29	33	36	40	30	35	38	43	32	37	41	45
at 20 kg/ha	32	36	41	45	33	37	42	46	35	40	45	51	37	42	48	55
at 25 kg/ha	35	40	45	51	36	41	46	52	38	45	53	61	41	48	59	67
Casting blade setting	Hole 5				Hole 5				Hole 3				Hole 3			



At lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1
The pull 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.

©LEHNER Last updated: 10/2014

Spreading chart, white clover

LEHNER SuperVario®

Delivery height: **1.00 m** **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**				**2100 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 lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1

©LEHNER

Spreading chart for rapeseed

LEHNER SuperVario®

Delivery height: 1.00 m **Last updated: 08/20(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	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

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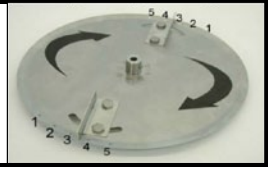


At low delivery heights, the speed of the disc must be increased.

For the universal spreader the slide position is the same up to 50, it only has to be shifted by one decimal place. For example, 41 then becomes 4.1

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

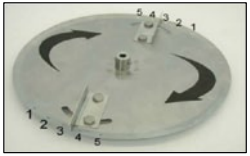
Terra Gold mixture TG 11 - Streufix

LEHNER SuperVario®

Delivery height: 1.00 m

Check settings with field samples.

Working width	3 m					4 m					5 m					Note				
Speed	400 rpm					500 rpm					700 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 10 kg/ha	30	31	33	34	37	32	33	35	36	37	33	35	36	37	38					
1. Casting blade setting	Hole 5					Hole 5					Hole 5									
2. Casting blade setting	Hole 3					Hole 4					Hole 5									



For large spreading widths, note wind speed to avoid incorrect spreading.
At lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1
The speed may decrease at upper spreading width.
Agitator: Dismantle upper stirring shaft, lower stirring shaft in middle position – we recommend the England agitator.

Last updated: 10/2013 ©LEHNER

White mustard

LEHNER SuperVario®

60% White mustard / 40% Fodder radish seed

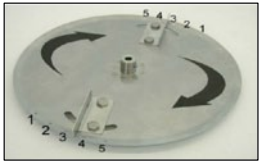
Quantity needed: 15 kg/ha

Delivery height: 1.00 m

Check settings with field samples.

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 lower 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 only has to be shifted by one decimal place. Fro example, 41 then becomes 4.1



Upper stirring shaft missing Lower stirring shaft in centre position
When spreading this mixture, we recommend a load-relief cover (Article 81139)

Last updated: 05/2015 **©LEHNER**

Phacelia-buckwheat mix

LEHNER SuperVario®

50% Phacelia / 50% Buckwheat seed

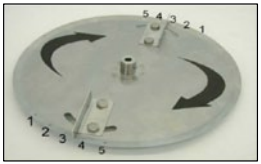
Quantity needed: 38 kg/ha

Delivery height: 1.00 m

Check settings with field samples.

Working width	**2.5 m**					**3 m**					**4 m**					**4.5 m**				
Speed	**360 rpm**					**380 rpm**					**410 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 35 kg/ha	33	36	41	45	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	42	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 lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1



Upper stirring shaft missing Lower stirring shaft in centre position
When spreading this mixture, we recommend a load-relief cover (Article 81139)

Last updated: 05/2015

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Viterra® Universal mix

LEHNER SuperVario®

15% raw oats / 37% Alexandrine clover / 48% Phacelia seed

Quantity needed: 25 kg/ha

Delivery height: 1.00 m

Check settings with field samples.

Working width	**2.5 m**					**3 m**					**4 m**					**4.5 m**				
Speed	**240 rpm**					**280 rpm**					**450 rpm**					**550 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 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				

For large spreading widths, note wind speed to avoid incorrect spreading.
At lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1

Upper stirring shaft missing Lower stirring shaft in centre position
When spreading this mixture, we recommend a load-relief cover (Article 81139)

Last updated: 05/2015 © LEHNER

Viterra® Fast green mix

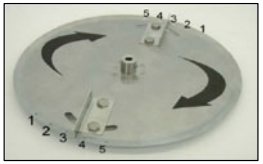
LEHNER SuperVario®

58% White mustard ALBATROS / 23% Alexandrine clover / 19% Sarepta mustard ENERGY seed

Delivery height: 1.00 m **Quantity needed: 15 kg/ha**

Working width	2.5 m					3 m					4 m					4.5 m				
Speed	240 rpm					280 rpm					380 rpm					400 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	22	24	26	29	32	24	26	29	32	34	26	29	33	36	39	28	32	36	38	42
Casting blade setting	Hole 3					Hole 3					Hole 3					Hole 3				

At lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1



Upper stirring shaft missing Lower stirring shaft in centre position
When spreading this mixture, we recommend a load-relief cover (Article 81139)

Check settings with field samples. Last updated: 07/2015 **© LEHNER**

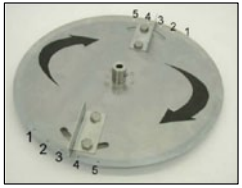
Spreading chart for German ryegrass

LEHNER SuperVario®

Delivery height: **1.00 m** **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**	**6**	**8**	**10**
Slide opening:											
at 15 kg/ha	48	51	57	59	39	43	52	55	38	40	45
at 25 kg/ha	52	55	70	82	50	53	66	72	60	75	82

Position of casting blades: Hole 5



The flow properties of grass seed are greatly affected by external influences such as water content - humidity. Please note!
The pull of the spreading disc increases as the speed increases.
For the universal spreader the slide position is the same, it only has to be shifted by one decimal place. For example, 41 then becomes 4.1

© LEHNER

Spreading chart, ann. ryegrass

LEHNER SuperVario®

Delivery height: 1.00 m

Check settings with field samples.

Working width	**2.50 m**				**4.00 m**				**6.00 m**		
RPM	**500 rpm**				**1200 rpm**				**2100 rpm**		
km/h	**6**	**8**	**10**	**12**	**6**	**8**	**10**	**12**	**6**	**8**	**10**
Slide opening:											
at 15 kg/ha	41	46	50	53	43	48	50	61	47	49	52
at 25 kg/ha	47	53	56	59	49	56	62	72	58	60	68

Position of casting blades: Hole 5

The flow properties of grass seed are greatly affected by external influences such as water content - humidity. Please note!
The pull of the spreading disc increases as the speed increases.
For the universal spreader the slide position is the same, it only has to be shifted by one decimal place. For example, 41 then becomes 4.1

©LEHNER

Spreading chart, Welsh ryegrass

LEHNER SuperVario®

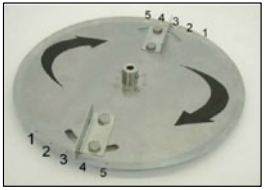
Delivery height: 1.00 m

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	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

© LEHNER



The flow properties of grass seed are greatly affected by external influences such as water content - humidity. Please note!

The pull of the spreading disc increases as the speed increases.

For the universal spreader the slide position is the same, it only has to be shifted by one decimal place. For example, 41 then becomes 4.1

Spreading chart, grassland mixture

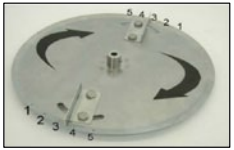
LEHNER SuperVario®

30% ryegrass, 18% timothy, 21% meadow fescue, 9% orchard grass, 13% Kentucky bluegrass , 9% white clover

Working width	2.00 m					2.50 m					3.00 m				
RPM	300 rpm					400 rpm					800 rpm				
km/h	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
Slide opening:															
5 kg/ha	56	58	59	61	63	57	59	61	62	64	46	50	52	54	56
7 kg/ha	58	60	62	64	67	60	62	63	65	68	50	53	55	57	59
10 kg/ha	61	64	67	69	72	62	64	67	70	72	54	56	59	61	62
15 kg/ha	65	69	72	74	76	65	70	72	74	77	58	61	63	65	68
20 kg/ha	69	72	75	76	78	71	73	75	78	80	61	64	67	70	71
25 kg/ha	72	75	77	78	80	72	75	78	81	83	63	66	70	72	74
40 kg/ha	76	78	80	85	88	74	81	84	87	89	69	72	75	77	81
Casting blade setting	Hole 5					Hole 5					Hole 5				
Working width	4.00 m					5.00 m					6.00 m				
RPM	1200 rpm					1650 rpm					2000 rpm				
km/h	6	8	10	12	15	6	8	10	12	15	6	8	10	12	15
Slide opening:															
5 kg/ha	43	46	50	52	55	37	39	42	44	48	34	35	37	39	44
7 kg/ha	47	51	54	56	59	40	43	46	51	53	39	40	42	44	50
10 kg/ha	51	55	59	63	67	44	49	53	56	68	45	46	50	52	57
15 kg/ha	57	62	67	71	76	51	56	67	72	75	52	53	58	62	66
20 kg/ha	63	68	75	77	79	56	70	73	77	81	60	61	65	68	76
25 kg/ha	67	75	77	79	84	68	73	77	81	84	65	66	69	76	80
40 kg/ha	77	80	86	98		76	82	85	100		77	78	82	87	
Casting blade setting	Hole 4					Hole 4					Hole 3				

Delivery height: 1.00 m

Last updated: 03/2005



Check settings with field samples.
If side distribution is uneven, adjust casting blades.
The flow properties of grass seed are greatly affected by external influences such as water content - humidity. Please note!
The pull of the spreading disc increases as the speed increases.

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MG 500 Mantel seed

LEHNER SuperVario®

Delivery height: 1.00 m Last updated: 08/2005 Check settings with field samples.

Working width	2.5 m				3 m				4 m				5 m			
RPM	200 RPM				250 RPM				300 RPM				850 RPM			
km/h	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12
Slide opening:																
5 kg/ha											40	41	39	40	41	43
7 kg/ha				40				41		40	41	43	41	43	44	46
10 kg/ha			40	41			41	43	40	42	45	46	43	46	47	49
15 kg/ha		40	43	45		42	45	47	43	46	48	50	46	48	50	53
20 kg/ha	40	43	46	48	42	46	49	51	46	49	52	56	48	51	55	59
25 kg/ha	43	46	48	51	45	48	52	56	48	52	58	63	50	55	59	65
40 kg/ha	48	52	59	66	51	57	65	72	57	65	75	82	58	67	74	85
Casting blade setting	Hole 3				Hole 3.5				Hole 3.5				Hole 4.5			

Working width	6 m				8 m				9 m				10 m			
RPM	1600 rpm				2000 rpm				2250 rpm				2500 rpm			
km/h	6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12
Slide opening:																
5 kg/ha	39	40	42	44	38	42	46	47	39	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	90	94	98	83	91	96	99	84	89	98	
Casting blade setting	Hole 5				Hole 4.5				Hole 4.5				Hole 4			

If side distribution is uneven, adjust casting blades.
The flow properties of grass seed are greatly affected by external influences such as water content - humidity. Please note!
The pull of the spreading disc increases as the speed increases.
For the universal spreader the slide position is the same up to 50, it only has to be shifted by one decimal place. For example, 41 then becomes 4.1
Above 50, the slide unit for the SuperVario is somewhat larger as it is pear-shaped.

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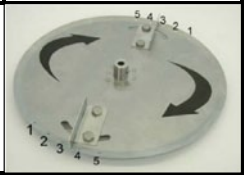


Planterra NUL 2035 coated seed

LEHNER SuperVario®

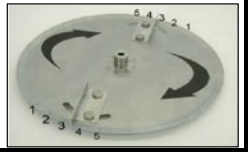
Delivery height: 1.00 m

Check settings with field samples.

Working width	**3 m**					**4 m**					**6 m**					**8 m**				
Speed	**300 rpm**					**850 rpm**					**1800 rpm**					**2500 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 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 5					Hole 5				

For large spreading widths, note wind speed to avoid incorrect spreading.
At lower 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 only has to be shifted by one decimal place. For example, 41 then 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 (Article 81139)



Last updated: 07/2014

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Spreading chart for DSV G5 meadow gra LEHNER SuperVario®

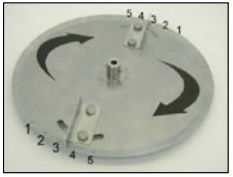
Working width	2 m			5 m			Note		
RPM	450 rpm			1600 rpm					
km/h	6	8	10	6	8	10			
Slide opening:									
at 5 kg/ha	49	53	56	40	41	43			
at 10 kg/ha	56	67	67	46	49	55			
at 25 kg/ha	70	74	78	62	69	77			
Casting blade setting:	Hole 5			Hole 5					

Delivery height: 1.00 m

Last updated: 07/2006

Check settings with field samples.
If side distribution is uneven, adjust casting blades.
The flow properties of grass seed are greatly affected by external influences such as water content - humidity. Please note!
Please note that with a working width of 2 m, the grass does not flow freely due to the pulling effect.
The pull of the spreading disc increases as the speed increases.

©LEHNER



Spreading chart, METAREX slug pellets

LEHNER SuperVario®

Delivery height: 1.30 m

Check settings with field samples.

Working width	3 m					4 m					6 m					9 m					10 m				
Speed	250 rpm					350 rpm					400 rpm					600 rpm					750 rpm				
km/h	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			23	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				

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	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 lower 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 only has to be shifted by one decimal place. For example, 41 then 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.

Last updated: 11/2004 ©LEHNER

Spreading chart, DELICIA snail pellets

LEHNER SuperVario®

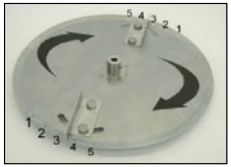
Delivery height: 1.30 m

Check settings with field samples.

Working width	**3 m**						**4 m**						**6 m**						**9 m**					
RPM	**350 rpm**						**450 rpm**						**550 rpm**						**920 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**
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
Casting blade setting	Hole 3						Hole 4						Hole 4						Hole 4					

Working width	**10 m**						**12 m**						**15 m**						**21 m**					
rpm	**1000 rpm**						**1350 rpm**						**1900 rpm**						**3000 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**
Slide opening																								
at 3 kg/ha	25	28	29	31	33	38	24	27	29	30	33	38	24	27	29	30	33	37	24	26	29	31	34	39
Casting blade setting	Hole 4						Hole 4						Hole 4						Hole 4					

For large spreading widths, wind speed should be noted to avoid incorrect spreading.
At lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1
The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.



Last updated: 08/2005 **©LEHNER**

Spreading chart for Patrol MetaPads

LEHNER SuperVario®

Delivery height: 1.30 m

Check settings with field samples.

Working width	3 m					4 m					6 m					9 m					10 m				
Speed	350 rpm					450 rpm					550 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	12	15	6	8	10	12	15
Slide opening:																									
at 4 kg/ha			23	24	25		23	24	25	26	25	27	29	32	34	22	24	26	31	33	24	25	30	32	35
Casting blade setting	Hole 3					Hole 3					Hole 3					Hole 3					Hole 3				

Working width	12 m					15 m					18 m					21 m					24 m				
Speed	1400 rpm					2000 rpm					2600 rpm					2900 rpm					3000 rpm				
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
Slide opening:																									
at 3 kg/ha											24	26	30	32	36	24	26	30	33	36	25	30	32	34	40
at 4 kg/ha	25	31	33	36	39	26	31	33	36	39	28	31	32	36	40	29	31	33	36	42	30	33	35	40	48
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 lower 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 pull of the spreading disc increases as the speed increases.
For the universal spreader the slide position is the same, it only has to be shifted
by one decimal place. For example, 41 then becomes 4.1

PATROL META PADS

Last updated: 05/ ©**LEHNER**

Spreading chart for Arinex slug pellets

LEHNER SuperVario®

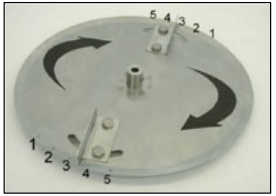
Delivery height: 1.30 m

Check settings with field samples.

Working width	**3 m**					**4 m**					**6 m**					**9 m**					**10 m**				
Speed	**300 rpm**					**350 rpm**					**750 rpm**					**1100 rpm**					**1200 rpm**				
km/h	**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				23	24				24	25				25	26			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 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**	**8**	**10**	**12**	**15**	**20**	**8**	**10**	**12**	**15**	**20**
Slide opening:																									
at 3 kg/ha	23	24	27	30	34	23	24	27	30	34	23	24	27	30	34	23	24	27	30	34	23	24	27	30	34
at 6 kg/ha	30	34	36	40	43	30	34	36	40	43	30	34	36	40	43	30	34	37	40	44	30	34	37	40	44
Casting blade setting	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 lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1
The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.



Last updated: 07/©**LEHNER**

Spreading chart, Clartex blue slug pellets

LEHNER SuperVario®

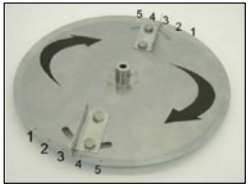
Delivery height: 1.30 m

Check settings with field samples.

Working width	3 m					4 m					6 m					9 m					10 m				
Speed	250 rpm					350 rpm					400 rpm					600 rpm					750 rpm				
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
Slide opening:																									
at 3 kg/ha			23	24	26			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	25	26	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	34	35	38	40	41
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				
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	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				

For large spreading widths, wind speed should be noted to avoid incorrect spreading.
At lower 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 only has to be shifted by one decimal place. For example, 41 then 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.



Last updated: 08/2005 **©LEHNER**

Spreading chart for FCS slug pellets

LEHNER SuperVario®

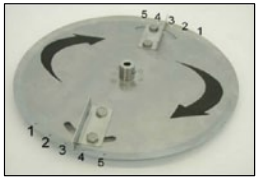
Delivery height: 1.30 m

Check settings with field samples.

Working width	3 m					4 m					6 m					9 m					10 m				
Speed	300 rpm					350 rpm					750 rpm					1100 rpm					1200 rpm				
km/h	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				24	25				25	26				26	27			24	27	30	24	25	28	31	34
at 6 kg/ha	24	25	27	29	31	25	28	29	30	33	26	29	30	31	34	28	30	33	36	39	31	34	37	40	44
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				
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	8	10	12	15	20	8	10	12	15	20
Slide opening:																									
at 3 kg/ha	25	26	29	32	36	26	27	30	33	37	27	28	31	34	38	28	29	32	35	39	29	30	33	36	40
at 6 kg/ha	32	36	38	42	45	33	37	39	43	46	34	38	40	44	47	35	39	42	45	49	36	40	43	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 lower 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 only has to be shifted by one decimal place. For example, 41 then 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.



Last updated: 07/2006 ©LEHNER

Spreading chart, Ferramol slug pellets

LEHNER SuperVario®

Delivery height: 1.30 m

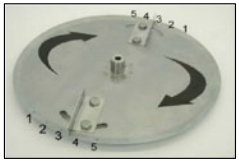
Check settings with field samples.

Working width	3 m					4 m					6 m					9 m					10 m				
Speed	250 rpm					300 rpm					500 rpm					850 rpm					1000 rpm				
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	15	20
Slide opening:																									
at 3 kg/ha		30	31	32	33	28	31	32	33	34	29	32	33	34	35	30	33	35	36	38	32	34	36	40	46
at 6 kg/ha	30	33	35	37	38	31	34	36	39	42	33	35	37	41	43	35	39	41	44	49	36	41	44	52	60
at 9 kg/ha	32	37	38	39	41	35	40	42	44	46	38	41	44	46	48	42	44	48	51	54	44	47	51	59	71
at 12 kg/ha	35	39	40	42	43	38	43	45	47	49	42	45	47	49	53	45	49	50	53	58	48	53	55	63	81
at 25 kg/ha	41	45	49	53	59	48	53	58	63	70	56	57	61	66	73	63	71	79	86	97	65	75	82	100	
Casting blade setting	Hole 5					Hole 5					Hole 4					Hole 5					Hole 5				

Working width	12 m					15 m					18 m					21 m					24 m				
Speed	1200 rpm					1700 rpm					1900 rpm					2400 rpm					2650 rpm				
km/h	6	8	10	15	20	6	8	10	15	20	6	8	10	15	20	6	8	10	15	20	6	8	10	15	20
Slide opening:																									
at 3 kg/ha	33	35	37	42	47	34	36	38	43	48	35	37	39	44	49	36	38	41	45	50	37	39	44	47	51
at 6 kg/ha	37	42	46	54	62	38	43	48	55	63	40	44	49	57	65	41	45	50	58	66	43	47	51	59	
at 9 kg/ha	45	50	54	64	75	46	51	55	67	78	47	52	57	70	81	48	53	58	71	83	49	55	63		
at 12 kg/ha	49	56	59	68	85	50	57	63	74	88	51	59	65	79	93	52	60	66	84		55	63			
at 25 kg/ha	68	79	86			69	81	90			74	86	97			59	68	75			61	71			
Casting blade setting	Hole 5					Hole 5					Hole 4					Hole 5					Hole 5				

For large spreading widths, wind speed should be noted to avoid incorrect spreading.
At lower 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 only has to be shifted by one decimal place. For example, 41 then 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.

Last updated: 08/2005 ©LEHNER



Spreading chart for Mollustop®

LEHNER SuperVario®

Delivery height: 1.30 m

Last updated: 08/2011

Check settings with field samples.

Working width	**3 m**						**4 m**						**6 m**						**9 m**					
rpm	**350 rpm**						**450 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**	**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	20	24	25	26	28	31
Casting blade setting	Hole 3						Hole 3						Hole 3						Hole 3					

Working width	**10 m**						**12 m**						**15 m**						**21 m**					
rpm	**1000 rpm**						**1500 rpm**						**2000 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**
Slide opening																								
at 3 kg/ha	21	22	24	25	29	32	21	23	25	26	29	33	22	22	26	27	30	35	23	24	27	30	33	38
Casting blade setting	Hole 3						Hole 3						Hole 3						Hole 3					

For large spreading widths, wind speed should be noted to avoid incorrect spreading.
At lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1

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

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Spreading chart for NaTrox slug pellets

LEHNER SuperVario®

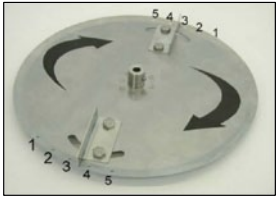
Delivery height: 1.30 m

Check settings with field samples.

Working width	3 m					4 m					6 m					9 m					10 m				
Speed	300 rpm					350 rpm					750 rpm					1100 rpm					1200 rpm				
km/h	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				23	24				24	25				25	26			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 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	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				

For large spreading widths, note wind speed to avoid incorrect spreading.
At lower 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 only has to be shifted
by one decimal place. For example, 41 then becomes 4.1
The speed may decrease at upper spreading width. In this case, please shorten stirring shaft by half.



Last updated: 07/ **©LEHNER**

Spreading chart for Sluxx HP slug pellets

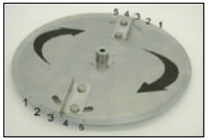
LEHNER SuperVario®

Delivery height: 1.30 m **Last updated: 09/2009** **Check settings with field samples.**

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	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 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	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				

For large spreading widths, wind speed should be noted to avoid incorrect spreading.
At lower 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 pull of the spreading disc increases as the speed increases.



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Spreading chart for Spiess slug pellets

LEHNER SuperVario®

Delivery height: 1.30 m

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	10	15	20			
Slide opening:															
at 4 kg/ha	21	34	36	23	30	37	23	31	37	27	34	38			
Casting blade setting	Hole 3			Hole 3			Hole 3			Hole 3					

For large spreading widths, note wind speed to avoid incorrect spreading.
At lower 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 pull of the spreading disc increases as the speed increases.
For the universal spreader the slide position is the same, it only has to be shifted
by one decimal place. For example, 41 then becomes 4.1

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Spreading chart for Inno*Protect*® slug pellets — LEHNER SuperVario®

Delivery height: **1.30 m** — Last updated: 08/2012 — **Check settings with field samples.**

Working width	**3 m**						**4 m**						**6 m**						**9 m**					
rpm	**350 rpm**						**450 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**	**6**	**8**	**10**	**12**	**15**	**20**
Slide opening																								
at 3 kg/ha			19	21	23	26		19	21	22	24	27		20	22	23	25	28	18	22	23	24	26	29
Casting blade setting	Hole 3						Hole 3						Hole 3						Hole 3					

Working width	**10 m**						**12 m**						**15 m**						**21 m**					
rpm	**1000 rpm**						**1500 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**	**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	24	25	28	33	21	22	25	28	31	36
Casting blade setting	Hole 3						Hole 3						Hole 3						Hole 3					

For large spreading widths, wind speed should be noted to avoid incorrect spreading.
At lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1

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

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Spreading chart for Derrex

LEHNER SuperVario®

Delivery height: 1.30 m

Check settings with field samples.

Working width	**3 m**					**4 m**					**6 m**					**9 m**				
Speed	**250 rpm**					**300 rpm**					**550 rpm**					**1000 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 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	**1700 rpm**					**2000 rpm**					**2500 rpm**					**2900 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 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 lower 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 only has to be shifted by one decimal place. For example, 41 then becomes 4.1

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

Spreading chart, rodenticide Ratron

LEHNER SuperVario®

Delivery height: 1.30 m

Check settings with field samples.

Working width	3 m					4 m					6 m					9 m					10 m				
Speed	250 rpm					300 rpm					500 rpm					850 rpm					1000 rpm				
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	15	20
Slide opening:																									
at 3 kg/ha		30	31	32	33	28	31	32	33	34	29	32	33	34	35	30	33	35	36	38	32	34	36	40	46
at 6 kg/ha	30	33	35	37	38	31	34	36	39	42	33	35	37	41	43	35	39	41	44	49	36	41	44	52	60
at 9 kg/ha	32	37	38	39	41	35	40	42	44	46	38	41	44	46	48	42	44	48	51	54	44	47	51	59	71
at 12 kg/ha	35	39	40	42	43	38	43	45	47	49	42	45	47	49	53	45	49	50	53	58	48	53	55	63	81
at 25 kg/ha	41	45	49	53	59	48	53	58	63	70	56	57	61	66	73	63	71	79	86	97	65	75	82	100	
Casting blade setting	Hole 5					Hole 5					Hole 4					Hole 5					Hole 5				

Working width	12 m					15 m					18 m					21 m					24 m				
Speed	1200 rpm					1700 rpm					1900 rpm					2400 rpm					2650 rpm				
km/h	6	8	10	15	20	6	8	10	15	20	6	8	10	15	20	6	8	10	15	20	6	8	10	15	20
Slide opening:																									
at 3 kg/ha	33	35	37	42	47	34	36	38	43	48	35	37	39	44	49	36	38	41	45	50	37	39	44	47	51
at 6 kg/ha	37	42	46	54	62	38	43	48	55	63	40	44	49	57	65	41	45	50	58	66	43	47	51	59	
at 9 kg/ha	45	50	54	64	75	46	51	55	67	78	47	52	57	70	81	48	53	58	71	83	49	55	63		
at 12 kg/ha	49	56	59	68	85	50	57	63	74	88	51	59	65	79	93	52	60	66	84		55	63			
at 25 kg/ha	68	79	86			69	81	90			74	86	97			59	68	75			61	71			
Casting blade setting	Hole 5					Hole 5					Hole 4					Hole 5					Hole 5				

For large spreading widths, wind speed should be noted to avoid incorrect spreading.
At lower 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 only has to be shifted by one decimal place. For example, 41 then 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.

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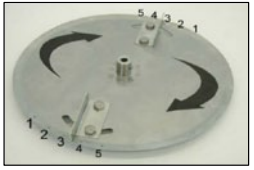

Spreading chart for Dino Selenium 5

LEHNER SuperVario®

70% Ca CO_3 calcium carbonate, 5% Mg CO_3 magnesium carbonate, 0.2% Se selenium

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	6	8	10	12	15
Slide opening:															
2 kg/ha					17				17	18			17	18	19
3 kg/ha			17	18	19		17	18	20	21	17	18	19	21	23
4 kg/ha		17	18	19	21	17	18	20	21	23	18	19	21	23	25
5 kg/ha	17	18	19	21	23	18	20	21	23	25	19	22	23	25	27
7 kg/ha	18	19	22	24	25	21	23	24	26	28	23	24	27	28	32
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:															
2 kg/ha		17	18	19	20	17	18	19	20	21		17	19	20	21
3 kg/ha	18	19	20	22	24	19	20	21	23	25	18	19	21	24	26
4 kg/ha	19	20	22	24	26	20	21	23	25	27	20	23	25	26	29
5 kg/ha	20	23	24	26	28	21	24	26	27	30	22	25	28	29	32
7 kg/ha	24	25	28	29	33	25	27	29	32	36	25	27	31	35	39
Casting blade setting	to hole 3					to hole 3					to hole 3				

Delivery height: 1.00 m

Last updated: 01/2006

Check settings with field samples.
If side distribution is uneven, adjust casting blades.
The flow properties of the product are greatly affected by external influences such as water content - humidity. Please note!
Stirring shaft position: Do not install upper stirring shaft, set lower at 2/3 to 1/3

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Spreading chart for Dino Selenium 25

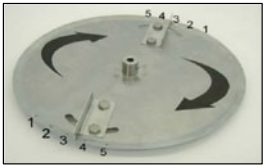
LEHNER SuperVario®

84% Ca CO_3 calcium carbonate, 5% Mg CO_3 magnesium carbonate, 0.04% Se selenium

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	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				

Delivery height: 1.00 m

Last updated: 02/2014



Check settings with field samples.
If side distribution is uneven, adjust casting blades.
The flow properties of the product are greatly affected by external influences such as water content - humidity. Please note!
Stirring shaft position: Do not install upper stirring shaft, lower shaft central/ shortened by half
At lower working widths, we recommend a load-relief cover (Article 81139)

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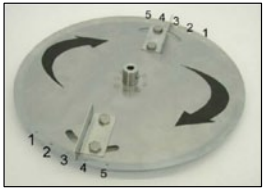
Spreading chart for Pig-S

LEHNER SuperVario®

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	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				

Delivery height: 1.00 m

Last updated: 08/2015



Check settings with field samples.
If side distribution is uneven, adjust casting blades.
The flow properties of the product are greatly affected by external influences such as water content - humidity. Please note!
Stirring shaft position: Do not install upper stirring shaft, lower shaft central/ shortened by half
At lower working widths, we recommend a load-relief cover (Article 81139)

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Spreading chart LEHNER SuperVario®

Eurosil 70 micro granulate (Timac)

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/m²	180	120	90	60	142	95	71	47	80	52	40	105
Room for												
own values:												

Delivery height: 1.00 m Last updated: 05/2002

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

With front mounting, sheet is mounted on right relative to direction of travel, causing even lateral distribution for this material.

Position of casting blades: Hole 5

NOTE: Clean spreader thoroughly with water after each use, and fill with grease at shaft output.

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

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Spreading chart

LEHNER SuperVario®

Eurosil maize micro granulate (Timac)

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
Room for												
own values:												

Delivery height: 1.00 m

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

With front mounting, sheet is mounted on right relative to direction of travel, causing even lateral distribution for this material.

Position of spreading blades: completely against direction of rotation.

NOTE: Clean spreader thoroughly with water after each use. Remove motor regularly and fill with grease at shaft output.

Last updated: 05/2002

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Spreading chart

LEHNER SuperVario®

Bonsilage Schaumann silage additive

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/m²	215	145	108	72	100	67	50	34

Delivery height: 1.00 m

Last updated: 05/2002

Position of spreading blades: completely against direction of rotation.
Special feature: Auxiliary headland spreading device is necessary, otherwise the spreading profile is one-sided.
(too much material in direction of rotation)

With front mounting, headland spreading unit is mounted on right relative to direction of travel, causing even lateral distribution for this material.

NOTE: Clean spreader thoroughly with water after each use, and regularly fill drive motor with grease at shaft output.

For the universal spreader the slide position is the same up to 50, it only has to be shifted one decimal place. For example, 85 becomes 8.5
Above 50, the flow for the SuperVario® is greater.

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Baffle settings

LEHNER SuperVario®

White mustard

Delivery height 1 m		Vane setting (vane from left to right)						
Working width	**rpm**	**Vane 1**	**Vane 2**	**Vane 3**	**Vane 4**	**Vane 5**	**Vane 6**	**Blades**
1.5 m	200	9	20	30	60	70	81	**Hole 1**
2.0 m	300	7	17	27	63	73	83	**Hole 1**
2.5 m	300	1	11	21	69	79	89	**Hole 1**
3.0 m	550	1	11	21	69	79	89	**Hole 1**
4.0 m	750	5	11	21	69	79	85	**Hole 1**
4.7 m	1150	1	11	21	69	79	89	**Hole 3**
5.0 m	1200	1	11	21	69	79	89	**Hole 3**
6.0 m	1550	1	11	21	69	79	89	**Hole 3**

Please obtain the slide opening from the spreading chart for white mustard.
Check settings with field trial

Last updated 04/2003
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Baffle settings

LEHNER SuperVario®

Fodder radish

Delivery height 1 m		Vane setting (vane from left to right)						
Working width	**rpm**	**Vane 1**	**Vane 2**	**Vane 3**	**Vane 4**	**Vane 5**	**Vane 6**	**Blades**
1.5 m	200	7	18	28	60	70	81	**Hole 2**
2.0 m	450	7	18	28	60	70	81	**Hole 2**
2.5 m	650	5	16	28	60	73	83	**Hole 2**
4.7 m	800	5	13	26	64	75	84	**Hole 2**
5.0 m	1050	3	13	26	64	76	85	**Hole 2**
6.0 m	1150	1	11	26	64	78	88	**Hole 2**

Please obtain the slide opening from the spreading chart for fodder radish.
Check settings with field trial

Last updated 05/2003
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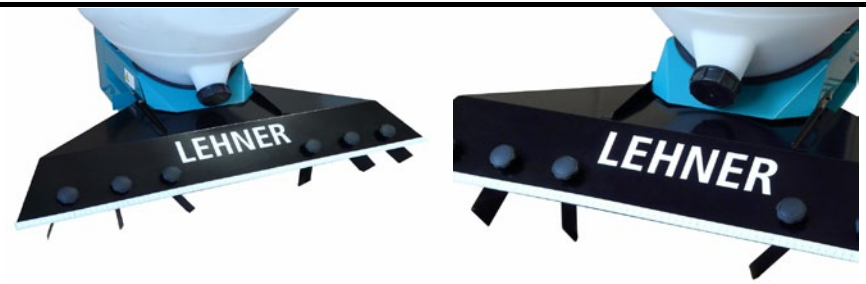

Baffle settings

LEHNER SuperVario®

Grasses

Delivery height 1 m		Vane setting (vane from left to right)						
Working width	**rpm**	**Vane 1**	**Vane 2**	**Vane 3**	**Vane 4**	**Vane 5**	**Vane 6**	**Blades**
1 m	300	10	19	27	61	70	79	**Hole 2.5**
1.5 m	1100	10	19	27	61	71	80	**Hole 1**
2 m	1600	9	17	26	61	73	81	**Hole 1**
3 m	1800	6	16	26	61	73	84	**Hole 1**
4 m	2150	1	12	26	61	78	88	**Hole 1**

Please obtain the slide opening from the spreading chart for grasses.
Check settings with field trial

Last updated 05/2003
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Baffle settings *"adjustable"* **LEHNER SuperVario®**

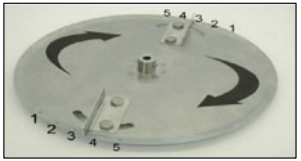
W. mustard/fodder radish mix

Delivery height: 1 m

60% White mustard / 40% Fodder radish 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**
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.
These settings must be checked and, if necessary, adjusted by means of a field test.

Last updated 07/2015
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Baffle settings *"adjustable"* LEHNER SuperVario®

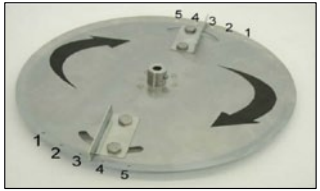
Phacelia-buckwheat mix

Delivery height: 1 m

50% Phacelia / 50% buckwheat seeds

		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**
3.0 m	1500	4	12	22	68	78	86	4	**Hole 2.0**	**Hole 2.0**
4.0 m	2000	4	12	22	68	78	86	5	**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.
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Last updated 07/2015
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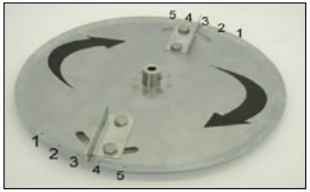
Baffle settings *"adjustable"* LEHNER SuperVario®

Viterra® Fast green mix

Delivery height: 1 m **58% White mustard ALBATROS / 23% Alexandrine clover / 19% Sarepta mustard ENERGY 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.

Last updated 07/2015
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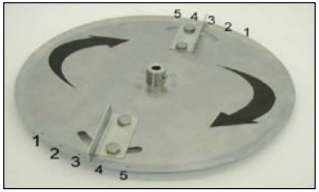
Baffle settings *"adjustable"* LEHNER SuperVario®

Viterra® Universal mix

Delivery height: 1 m **15% Raw oat / 37% Alexandrine clover / 48% Phacelia 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	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**	**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



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