TRISEM-2110
TRICOMBI-2110

Mechanical seed drill

STARTING MANUAL

MAINTENANCE AND DOSAGE

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SOLÀ *seed drills and fertilizer spreaders are manufactured in a highly specialized environment and our factory has a vast customer-endorsed experience.*

SOLÀ *machines use highly advanced technology and are guaranteed to work without malfunction in a great variety of conditions. They are provided with easy-to-use and efficient devices.*
SOLÀ *machines perform excellently with only minimum operator maintenance.*

This manual will help you use your ***SOLÀ*** *product with the utmost efficiency.*

4th Edition - March 2021
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INDEX

1- INTRODUCTION

It is essential to read and follow the instructions and recommendations in this manual before operating the seed drill **TRISEM-2110 and TRICOMBI-2110**. Careful reading enables maximum operator efficiency, prevents accidents and damage, and increases the seed drill's capacity and life expectancy.

The manual should be read by everyone performing operational (including preparation, repairs in the field and general care of the machine), maintenance (inspection and technical assistance) and transportation tasks.

For your safety, please follow these technical safety instructions as **SOLÀ** will not be responsible for damages caused by not observing the information provided.

In the first chapters you will find the Technical Characteristics and Safety Instructions, as well as some essential sowing concepts. Basic concepts that are required to operate the machine are explained in the Starting and Maintenance sections.

The last part of this manual consists of Dosage Tables, detailed by seed type.

SOLÀ RETAINS THE RIGHT TO MODIFY ILLUSTRATIONS, TECHNICAL DATA AND WEIGHTS INDICATED IN THIS OPERATING MANUAL, IF THESE CHANGES HELP TO IMPROVE THE QUALITY OF THE SEED DRILLS.

2- SAFETY INTRUCTIONS

2.1- SAFETY SYMBOLS

In this operating manual you will find three different symbols relating to safety:

TO WORK MORE EASILY WITH THE SEED DRILL.

TO PREVENT DAMAGE TO THE SEED DRILL AND OPTIONAL EQUIPMENT

TO PREVENT PHYSICAL INJURY

On the machine you will find the following warning pictograms:

Read the instructions carefully and observe the safety advice given in the operating manual.

During the coupling manoeuvre, stay away from the rear part of the tractor. Risk of serious physical injury.

While maintaining or repairing the seed drill, stop the tractor's engine and prevent it from starting. The ignition key must be removed.

Risk of being crushed when working under the machine, please secure the machine to prevent this risk.

It is forbidden to ride on the machine during operation. Risk of serious physical injuries.

Danger of infection from escaping hydraulic fluid at high presure! This can inflict serious injuries with potentially fatal consequences if it passes through the skin and into the body. Keep the hose lines in good condition. Risk of serious physical injuries.

Be careful when closing the hopper's lid. Keep your hands away from hopper's edge to prevent them being caught.

Never stand under the sowing equipment, or swivel area of the machine's extension tine coulters. Risk of serious physical injury.

Do not exceed maximum load.

Loading and unloading coupling point.

Do not insert your hand into the hopper while the drive wheel is turning. Risk of serious physical injury

2.2- USE ACCORDING TO DESIGN

-The Seed Drill TRI-2110 has been designed for normal use in agricultural work, especially cereal and other kind of grain seeds. If the machine is used in circumstances other than the above, the manufacturer will not be held responsible for any damage caused.

-The user must observe all regulations concerning safety, traffic and hygiene.

-If the machine is modified by the user, the manufacturer's warranty is cancelled. SOLÁ will not be held responsible for any damage caused.

-According with the working conditions defined by the final user and the options incorporated, the machines could not meet the requirements stablished by the law to transport them on public roads. The compliance of the law is strictly responsibility of the final user of the machine. Maquinaria Agrícola Solá denies any responsibility derived of non-compliance of the regulations on the countries where their products are destined to.

2.3- GENERAL SAFETY INSTRUCTIONS

- Before starting the machine, please check the machine is in good condition for work and is safe for road use. Check that visibility is clear around the machine and there is no person in the working area.

-In thoroughfare, please observe traffic signs and regulations.

-It is forbidden to ride on the machine or climb into the machine when it is running.

-Before using the machine, the user must be familiar with all operating elements.

- Please be extremely careful when coupling and uncoupling the machine to the tractor.

- While performing dosing tests, be careful with possible dangers caused by turning pieces. Pay special attention to the agitator's tines from inside the hopper, as well as the wheel drive's scraper.

- Fast-locking hooks must stay unlocked. They should always remain closed and should only be opened when the machine is on the ground to be uncoupled.

- Never leave the tractor's driver's seat while the machine is in operation.

-Do not deposit external elements inside the hopper.

-Before any work in the hydraulic system of the seed drill, lower the machine and make sure that the system is depressurised and the tractor's engine is off.

-Please regularly check the condition of the tubes and hosepipes in the hydraulic system. These parts age naturally and their life should not surpass six years. Please replace when necessary.

-When raising the seed drill, the front axle is unloaded. Ensure that the machine has enough load to prevent it overturning. At this time you must ensure that the condition of both the steering and the brakes is optimal.

- During transit with the raised seed drill, block the lowering switch. Before leaving the tractor, lower the seed drill onto the ground and remove the tractor's starting key.

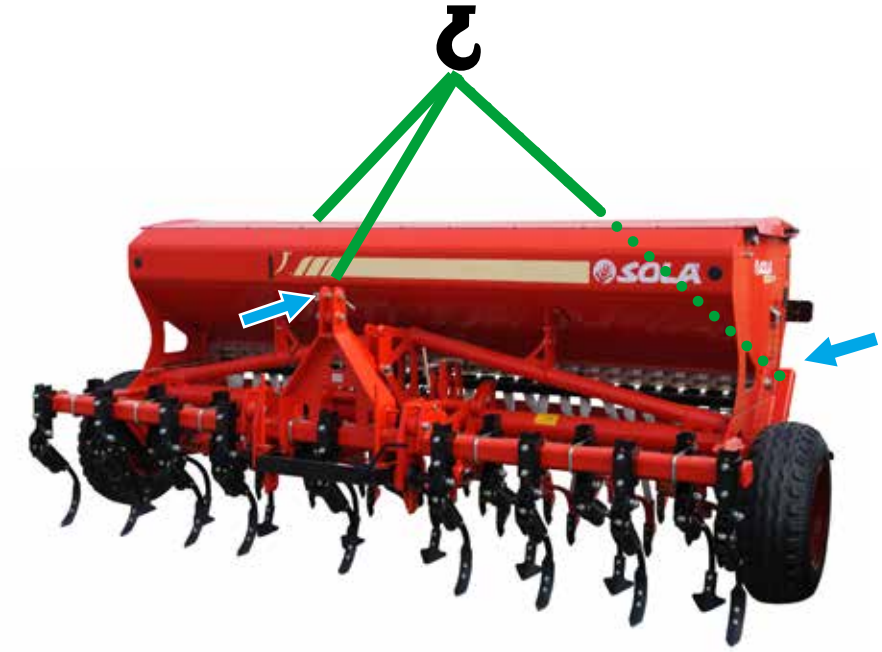
- Always use enough supporting elements when maintaining the machine in a raised position to prevent the machine from lowering or falling.

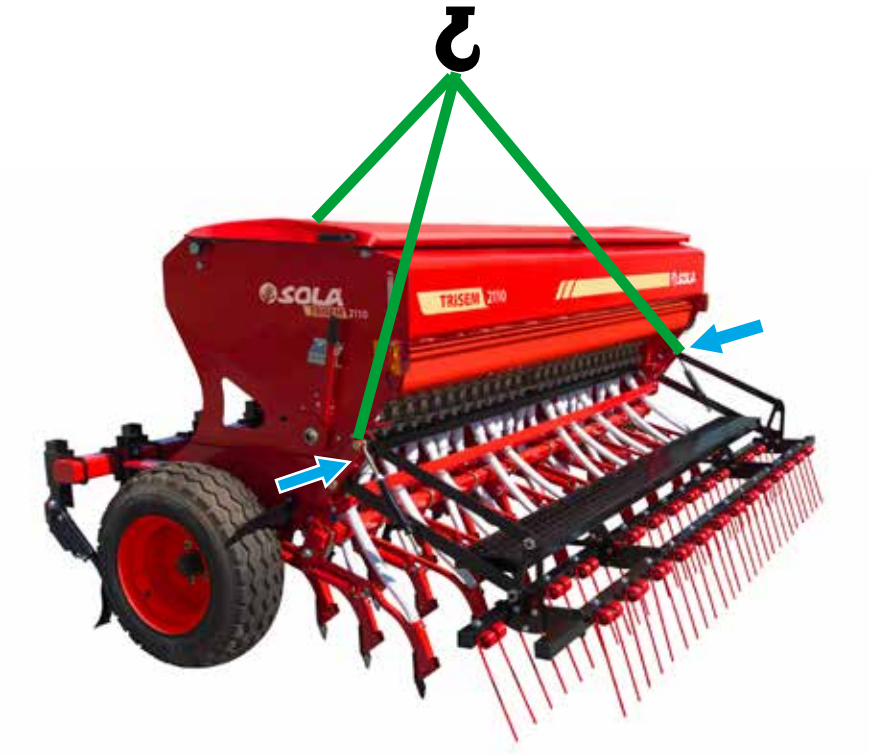
2.4- LOADING AND UNLOADING INSTRUCTIONS

Figures 1 and 2 show how and where to place the tow ropes to perform this operation: in the machine's three-point linkage as well as in the fasten points situated in the harrow's support.

These are dangerous tasks. They should only be performed by qualified and experienced personnel.

When the seed drill is suspended, be sure that the danger zone below and surrounding the machine is clear to prevent serious consequences in case it falls.





3- TECHNICAL CHARACTERISTICS

TRISEM-2110 TYPE OF MACHINE		WOR-KING WIDTH (m)	TRANSPORT WIDTH (m)	SPACING ROW (cm)	HOPPER CAPACITY (Liters)		TARE (Kg.)	TARE HIGH HOPPER (Kg.)	MÍN. POWER (HP)	TYRES
					NORMAL	HIGH				
TINE COULTER	300/22	3	3,28	13,6	1.270	1.565	970	1.000	110	10.0/75-15.3 12PR
	300/25	3	3,28	12	1.270	1.565	1.000	1.030	110	10.0/75-15.3 12PR
	350/25	3,5	3,77	14	1.270	1.565	1.070	1.100	120	10.0/75-15.3 12PR
	350/28	3,5	3,77	12,5	1.270	1.565	1.100	1.140	120	10.0/75-15.3 12PR
	400/28	4	4,26	14,3	1.270	1.565	1.140	1.190	130	10.0/75-15.3 12PR
	400/31	4	4,26	12,9	1.270	1.565	1.180	1.230	130	10.0/75-15.3 12PR
	400/33	4	4,26	12,1	1.270	1.565	1.200	1.250	130	10.0/75-15.3 12PR
SUFFOLK COULTERS	300/25	3	3,28	12	1.270	1.565			110	10.0/75-15.3 12PR
	350/28	3,5	3,77	12,5	1.270	1.565			120	10.0/75-15.3 12PR
	400/33	4	4,26	12,1	1.270	1.565			130	10.0/75-15.3 12PR
DOUBLE DISC	300/19	3	3,28	15,8	1.270	1.565			110	10.0/75-15.3 12PR
	300/21	3	3,28	14,3	1.270	1..565			110	10.0/75-15.3 12PR
	350/21	3,5	3,77	16,7	1.270	1.565			120	10.0/75-15.3 12PR
	350/25	3,5	3,77	14	1.270	1.565			120	10.0/75-15.3 12PR
	400/25	4	4,26	16	1.270	1.565			130	10.0/75-15.3 12PR
	400/29	4	4,26	13,8	1.270	1.565			130	10.0/75-15.3 12PR

TRICOMBI-2110 TYPE OF MACHINE		WOR-KING WIDTH (m)	TRANSPORT WIDTH (m)	SPACING ROW (cm)	HOPPER CAPACITY (Liters)				TARE (Kg.)	TARE HIGH HOPPER (Kg.)	MÍN. POWER (HP)	TYRES
					NORMAL		HIGH					
					SEED	FERTILIZER	SEED	FERTILIZER				
TINE COULTER	300/22	3	3,28	13,6	713	583	-	-				10.0/75-15.3 12PR
	300/25	3	3,28	12	713	583	-	-				10.0/75-15.3 12PR
	350/25	3,5	3,77	14	846	692	-	-				10.0/75-15.3 12PR
	350/28	3,5	3,77	12,5	846	692	-	-				10.0/75-15.3 12PR
	400/28	4	4,26	14,3	978	800	-	-				10.0/75-15.3 12PR
	400/31	4	4,26	12,9	978	800	-	-				10.0/75-15.3 12PR
	400/33	4	4,26	12,1	978	800	-	-				10.0/75-15.3 12PR
SUFFOLK COULTERS	300/25	3	3,28	12	713	583	-	-				10.0/75-15.3 12PR
	350/28	3,5	3,77	12,5	846	692	-	-				10.0/75-15.3 12PR
	400/33	4	4,26	12,1	978	800	-	-				10.0/75-15.3 12PR
DOUBLE DISC	300/19	3	3,28	15,8	713	583	-	-				10.0/75-15.3 12PR
	300/21	3	3,28	14,3	713	583	-	-				10.0/75-15.3 12PR
	350/21	3,5	3,77	16,7	846	692	-	-				10.0/75-15.3 12PR
	350/25	3,5	3,77	14	846	692	-	-				10.0/75-15.3 12PR
	400/25	4	4,26	16	978	800	-	-				10.0/75-15.3 12PR
	400/29	4	4,26	13,8	978	800	-	-				10.0/75-15.3 12PR

4- ESSENTIAL SOWING CONCEPTS

4.1- TERRAIN

The better the soil condition, the better the sowing quality. Work is more difficult on big clods or uneven furrows. Although SOLÀ machines resist harsh conditions, if the seedbed does not satisfy appropriate conditions then the sowing quality will suffer.

4.2- THE SEED

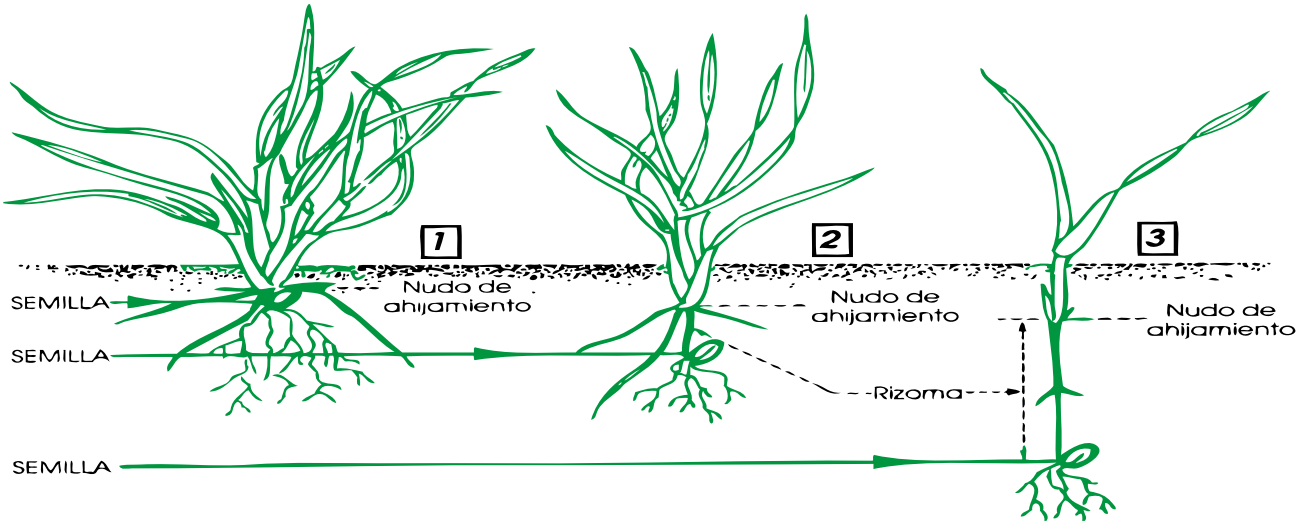
It is essential that seeds are well maintained and clean. Barley seeds should be trimmed.

4.3- SEED PLANTING DEPTH

Recommended seeding depth changes depending on the type of crop, therefore, it is recommended the professional advice to the farmer to the farmer on this matter.

The seed planting depth has consequences for tillering, as well as for the plant's strength and its ability to resist frostbite or drought. The parent shoot grows from 1 to 2 cm under the ground, whatever the depth of the seed.

Planting deeper does not necessarily mean getting deeper roots. Only a few roots grow from the lower part of the seed. Most of them grow from a parent shoot close to ground level.



Normal Planting Depth: from 2 to 4 cm

Thick stem, short rhizome, resistant to frostbite

Multiple tillering providing from 3 to 6 shoots and a lot of blades, from 6 to 10.

Deep and thick roots, approximately 5 cm in width and 10-12 cm in depth.

With less grains per sowing square metre, more ears are obtained.

Deeper Planting: from 5 to 6 cm

Fine stem, rhizome exposed to frostbite.

Late and weak tillering, 1 or zero shoots and only a few blades, 3-4 aprox.

Medium quality roots of approximately 3 cm in width and 5 cm in depth

More grains per sowing square metre are required to obtain the same number of ears as in the previous case.

Very deep planting: from 8 to 10 cm
Very fine stem. No tillering and only one blade.

Seed runs out of supplies by growing a long rhizome which frostbite can easily cut.

The plant takes weak roots, approximately 1 cm in width and 3 cm in depth.

Twice the number of grains per sowing metre are required to obtain the same number of ears as in the first case.

In very cold places, repeated frostbite can have a honeycomb effect on the ground's most superficial layer. In this case the plant's very first roots can loosen and the plant will die. Slightly deeper planting is recommended and if possible, the use of rollers to compact the earth to better protect the seeds.

In all SOLÀ machines, the right side wheel activates the seed distributor's mechanical transmission. Consequently, sharp curves should be performed towards the left side, since using the ground wheel drive would cause a lesser seed distribution.

When starting the machine, furrows will not contain any seeds for a metre. When stopping the machine, seeds which were previously inside the seed hoses, slide from the machine and end up piled on the ground. Take this into account when stopping and starting the machine in order to achieve more accuracy.

Always work at a uniform speed as sudden accelerating and slowing down will cause an irregular seed distribution.

The sowing depth on tine coulters seed drill isn't uniform, it depends on the conditions of homogenization conditions and field characteristics.

4.4- SEED DOSING ADJUSTMENTS

When using high quality certified seeds it is not enough to know the weight in kilograms distributed by the machine, as the final result of the harvest will depend on the number of plants which eventually ripen.

Every plant requires a certain amount of land from which nutrients will be absorbed. Therefore, both a low or an excessive plant density can be detrimental. To determine how many kilograms per hectare are to be sown, you should know the number of plants per square metre that are going to be planted.

As a guidance, the recommended number of plants per square metre when sowing wheat or barley in un-irrigated land can be found in following table:

AUTUM: *Premature sowing, 200 plants per m2*
Late sowing: 265 plants per m2

SPRING: *Premature sowing, 310 plants per m2*
Late sowing: 445 plants per m2

Please note that in spring there is less tillering so more seeds should be sown

MAQUINARIA AGRÍCOLA SOLÁ, S.L. RECOMMENDS THAT THE FARMER SEEKS PROFESSIONAL ADVICE ABOUT THIS SUBJECT FROM A TECHNICAL SOWING CENTRE.

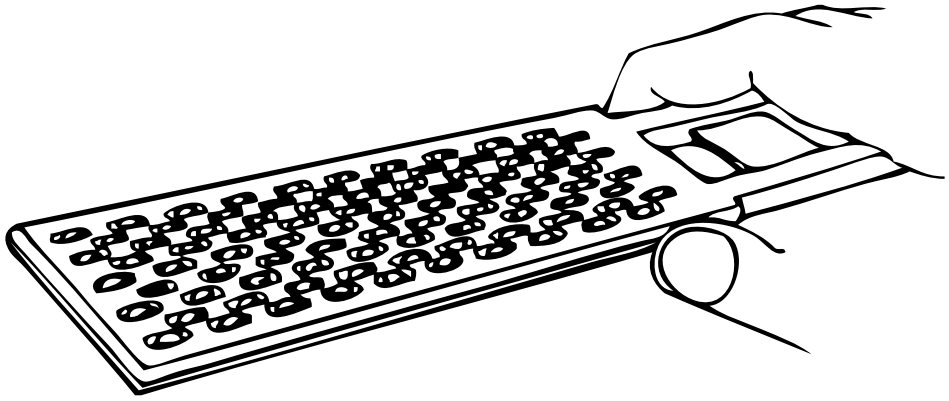
SEED DOSING SHOULD BE ADJUSTED TO EACH TERRAIN, DEPENDING ON THE: TEXTURE, FERTILIZING LEVEL, PLUVIOMETER RESULTS AND SOWING SEASON, GRAIN QUALITY, GERMINATING AND TILLERING POWER, ETC

It should be taken into account that a seed's germinating power is variable and dependant on multiple factors. It can be experimentally calculated to be between 70% and 80%, which is practically equivalent to multiplying the number of grains to be sown by 1,43 or 1,25 respectively.

Next, we describe a practical method to determine the number of kilos per hectare to be distributed once we know how many plants per square metre we want to obtain.

1) Place seeds on the "seed counter"

Wipe seed counter with your hand to make sure that there is only one grain per slot (100 grains in total). Do the same 10 more times to obtain 1000 grains



2) Weigh 1000 grains with the precision scales. We call the result the OPERATIVE WEIGHT.

3) Once we know how many seeds per square metre we are going to sow, we should adjust the following kilograms per hectare in the dosing control:

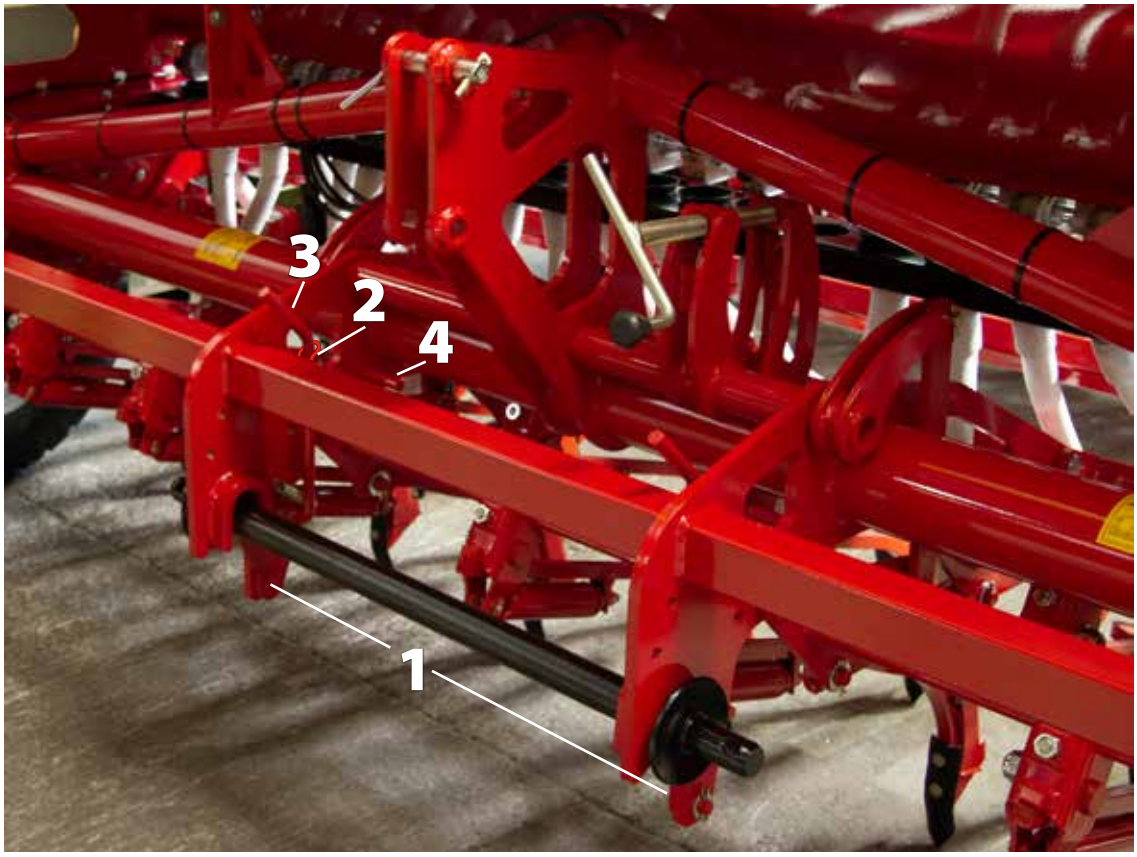
kilograms per hectare = (grains per m2 x OPERATIVE WEIGHT) / 100

5-STARTING

5.1- COUPLING

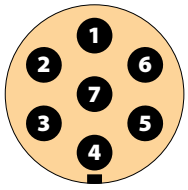
Seed drill TRI-2110 is fitted for fast coupling to the hydraulic lift. The oscillating coupling bar adapts to ground's irregularities. In order to switch it off, place the machine in a raised position and unlock the two locking hooks (1, fig 5) to secure the hooked clip (2, fig 5) of the lever's (3, fig 5) to the axis (4, fig 5).

All machines are supplied with a supporting base to secure the machine during transportation and prevent accidents. It must be removed before working with the machine.



Make sure that nobody is ever between the seed drill and the tractor when coupling both machines.

Table and diagram of the 7-pin connector:



Pin no.	FUNCTION
1	Left turn signal
2	NOT USED
3	Ground
4	Right turn signal
5	Right position light
6	Brake
7	Left position light

5.2- DOSING SYSTEM

SOLÀ's dosing system can be adjusted to the following working positions:

- *Narrow position with small housings, used for small seeds (fig. 6).*
- *Wide position with large alternated housings, used for regular or big seeds (figs. 7 and 8).*

6

7

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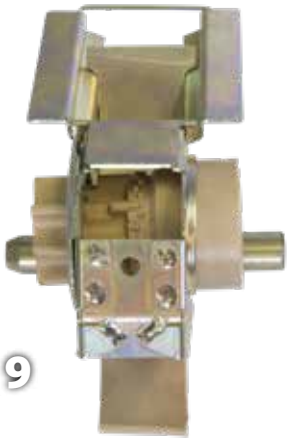

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Base flap performs two roles:

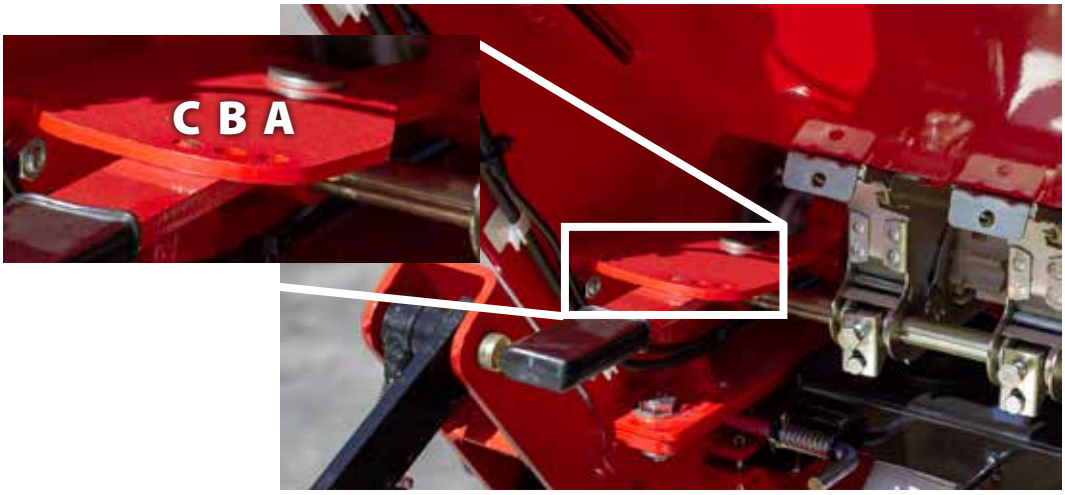
- *It adjusts its opening to adapt to seed's size. (figs. 6,7 and 8).*
- *It empties the hopper into the calibration cup (fig. 9).*

To easily switch from WIDE to NARROW position, seed wheels dosing must be without seeds, otherwise the seeds will difficult seed wheel's turning.

Once the position is choosen (narrow or wide) and the base flap is adjusted (depending on the seed's size), seed flow to be dosed will depend on seed wheel's speed. The gearbox allows to adjust the seed wheel's speed to sow from 0 to 600 kg/ha in a very precise way.

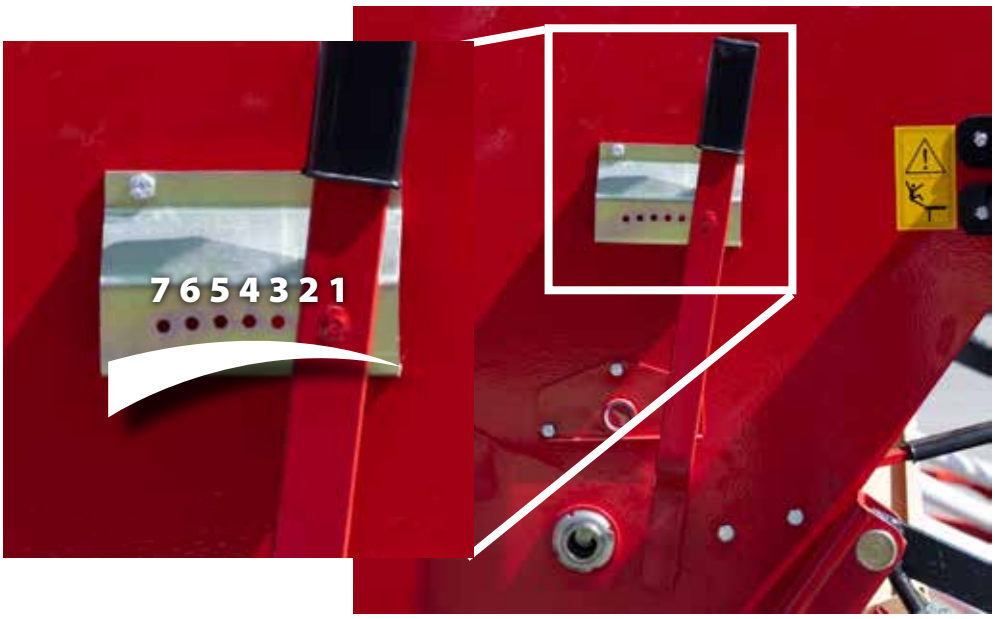
5.3- SEED DOSING

Check that the shutoff gates are open and allow the seed flow. Before filling the hopper, check that there are no external elements inside the hopper and next connect the agitator's shaft to the gearbox's axle.



Move the lever to switch between narrow and wide position in the seed wheel

A. To the right to set wide position for wheat, barley, etc.
B. To the centre to set medium position for sunflowers, peas, etc.
C. To left, to set narrow position for lucerne, rape, etc.



The base flap lever (placed on the left side of the hopper) has 7 positions

No 1, for small seeds.
No 3, for wheat and barley.
No 5, for big seeds.

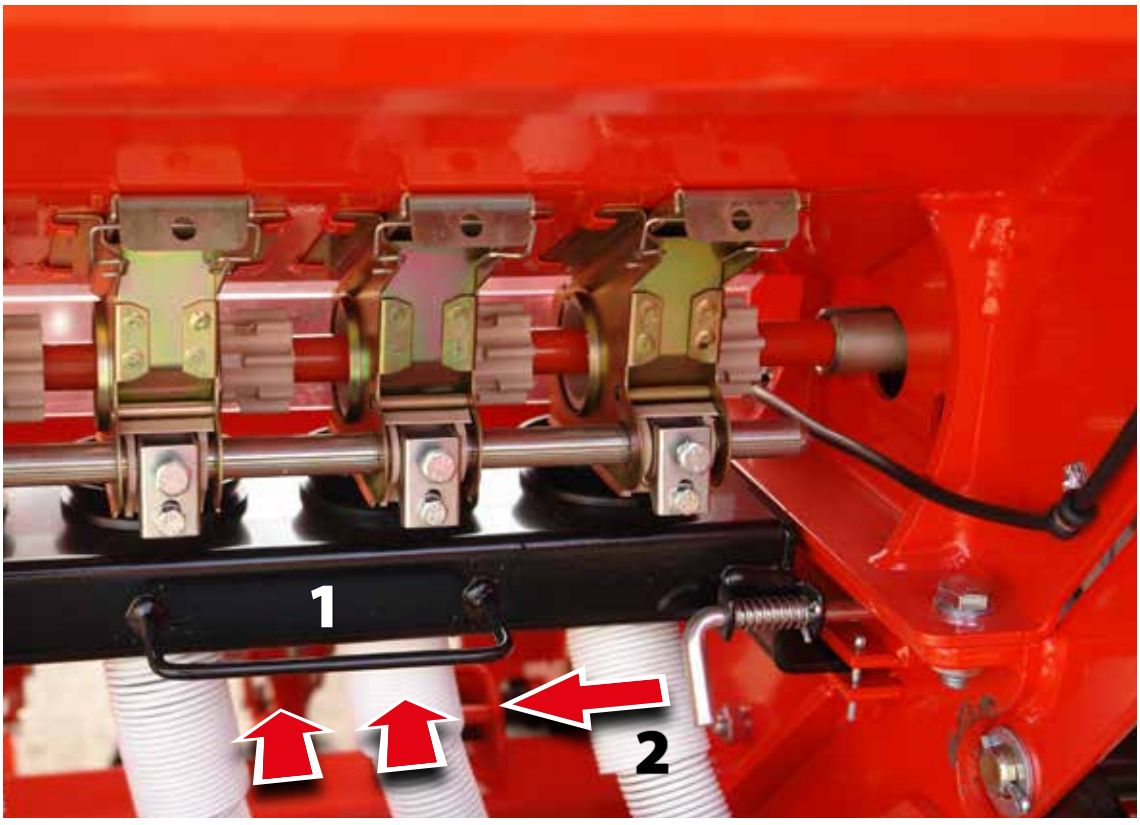
To empty the hopper, place the calibration cup under the seed wheels and move the lever beyond position nº 7 (emptying position).

Finally loosen gearbox's knob, move the gear lever on the sector graduated from 0 to 100 and tight the knob in the number position selected previously, as indicated in the dosage tables.

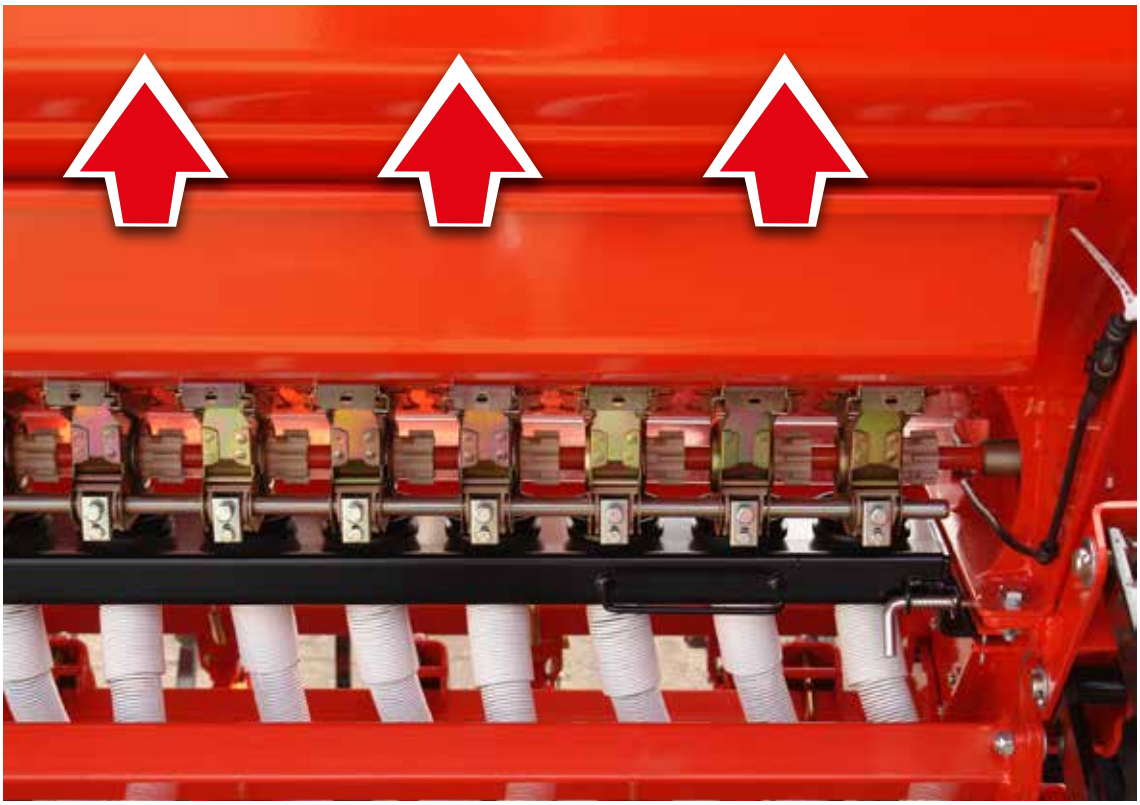
5.4- CALIBRATION TEST

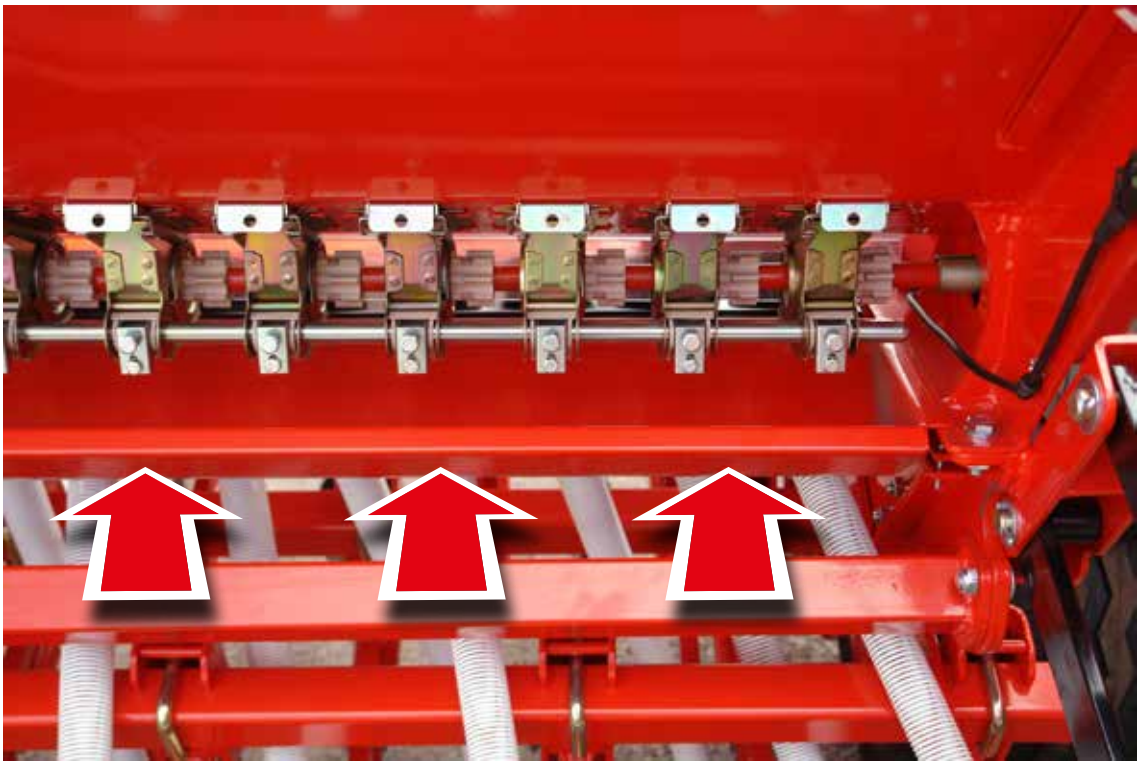
Once the narrow or wide position is selected, and both the base flap and the gear lever are in correct position, it is essential to perform a calibration test.

FIRST: withdraw the spring-loaded lever (2,) that keep the hopper bar in working position and push the bar (1) forward until the end. This will allow to place the calibration cup under seed wheels.

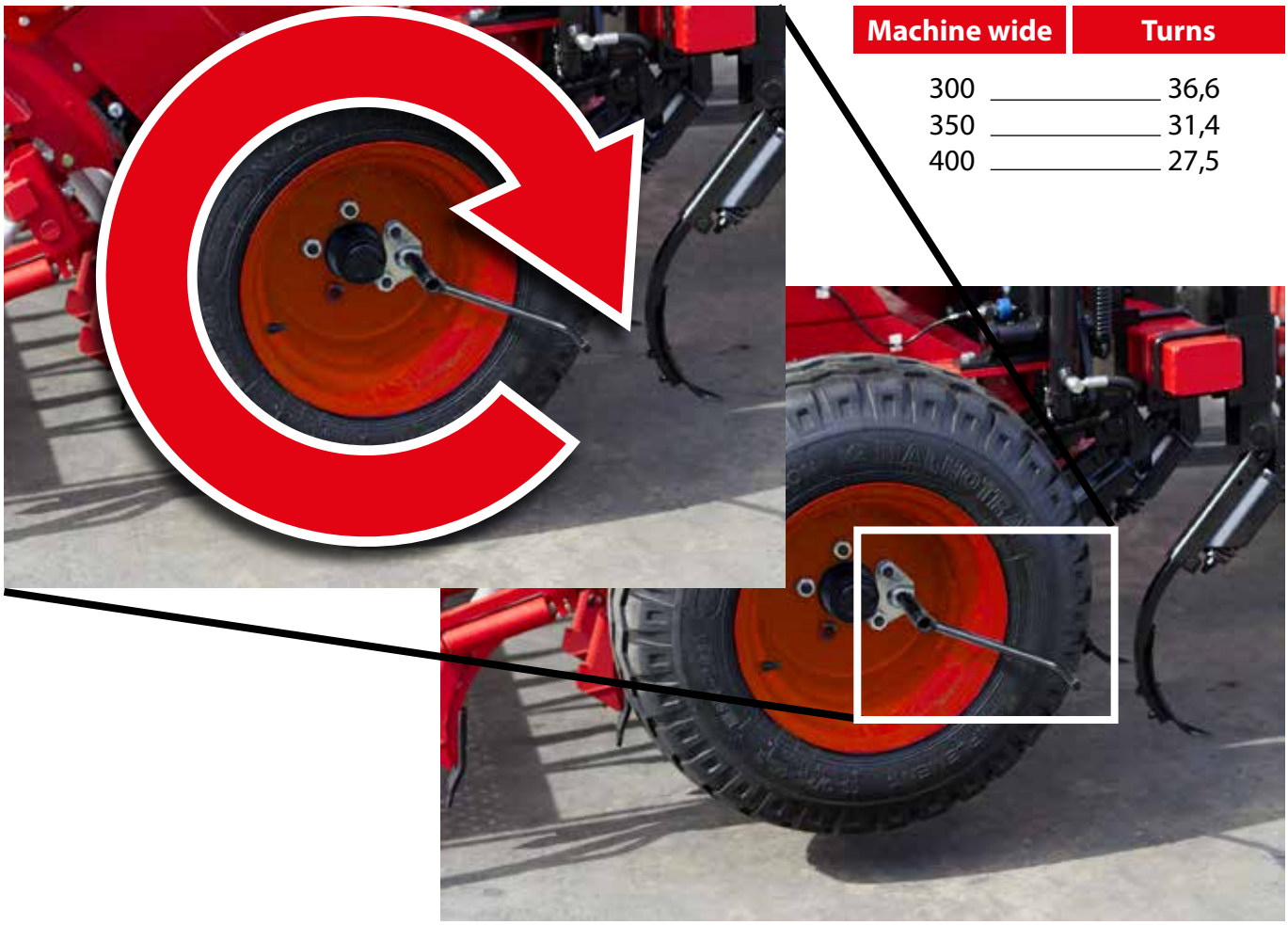


SECOND: Pull the calibration cup upwards out of their holders and place it under the seed wheels.





THIRD: Raise the seed drill using the tractor until the wheels can turn freel. Place the calibration crank in the bolt on right wheel and turn it clockwise until seeds start to fall onto the calibration cup . At this moment, stop turning, put these seeds back inside the hopper and start turning the crank again to perform the real turns of the test.



Machine wide	Turns
300	36,6
350	31,4
400	27,5

You must turn the wheel uniformly using the crank at approximately one revolution per second, depending on the land's characteristics, tyre's manufacturer or tyre pressure. For this reason it is highly recommended to perform a field test as described in this manual (see section 5.5).

At the end, accurately weigh the collected seeds that are in the calibration cup. At a selected opening, you can obtain the kilograms per hectare distributed by the machine, by multiplying the weight by 40.

For ease of performing these operations the machine should be coupled to the tractor in a slightly elevated position (wheels should not be in contact with the ground). It is also necessary that the hopper is only half-filled with seeds to alleviate difficulty in turning the wheel with the crank.

If seeds show excess treatment powder, flow can be reduced, consequently a second control is recommended after sowing approximately three hoppers.

It is dangerous to turn the wheel with your hands as the mud scraper can cause injuries.

5.5- FIELD TEST

If differences exist between the test and the actual dose distribution (due to a very uneven or light soil, low pressurised tyres, etc.), an experimental test can be performed.

First of all, the distance (in metres) as shown in the table below should be marked on the field's ground using a tape measure.

Machine wide	Displacement (m)
300	83,3
350	71,4
400	62,5

Next, the seed drill in working position should cover that distance.

By means of a mark made previously on the tyre, count the number of turns performed in the covered distance. A good place whereby which to count could be the wheel's mud scraper.

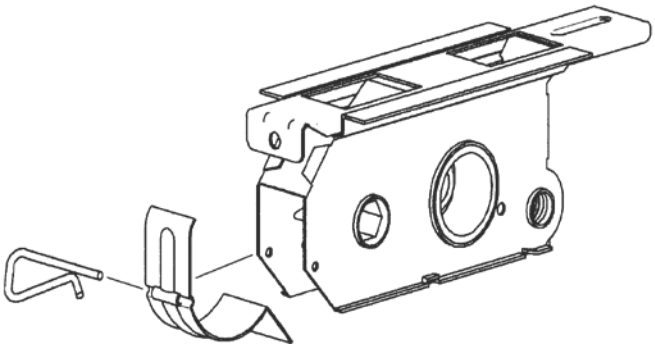
By following these steps we can obtain the actual number of turns performed in the seed dosing test. By performing the test, we will know the actual kilograms per hectare distributed by the machine.

5.6 COMBINED DISTRIBUTION

Combined dispensers are one part by stainles steel and another part in Delrin.

Seed distribution roller is the same than the seed drill dispenser and the fertilizer dispenser has constant step, fitted on hexagonal axle, to make easy to dismantle, without tools.

The fertilizer mobile bottom its a detachable stainless steel cover, this allows fertilizer roller cleaning.



5.7 COMBINED HOPPERS

Combined hopper has two compartments: back compartment for seed and the front compartment for fertilizer. The fertilizer compartment has a mesh cover in order to avoid strange bodies, like stones, damaging the dosage mechanism.

Each compartment is fitted with its own flow control device.

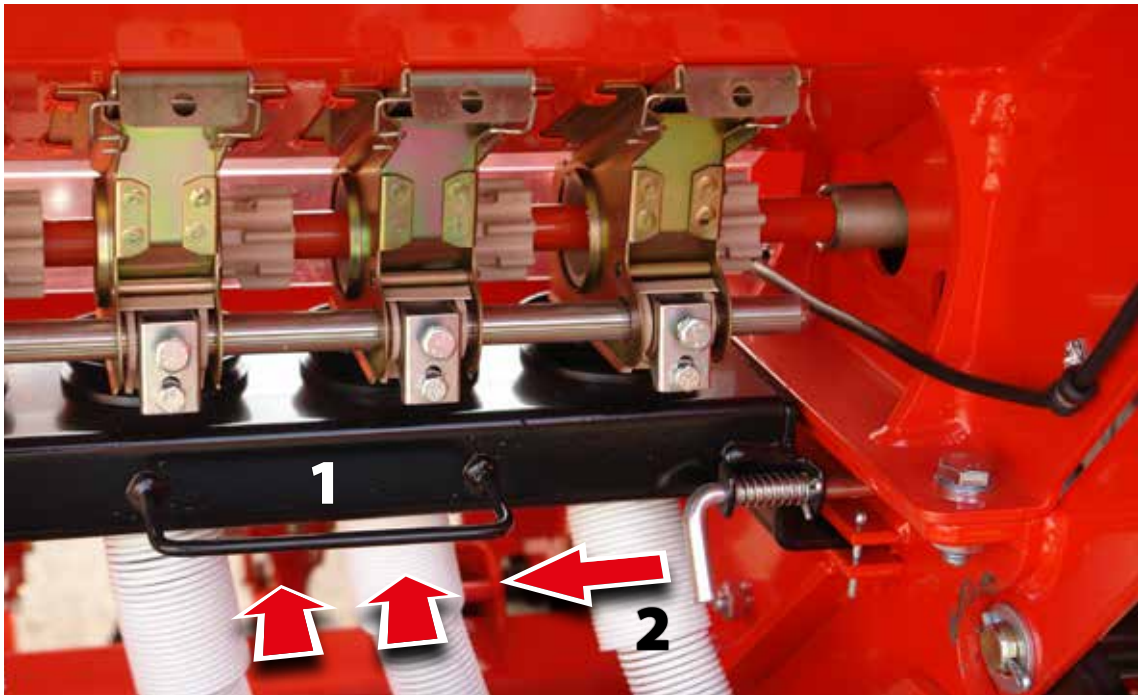
5.8 COMBINED DOSAGE

On the combined machines, dosage and seed control is the same to the seed drills.

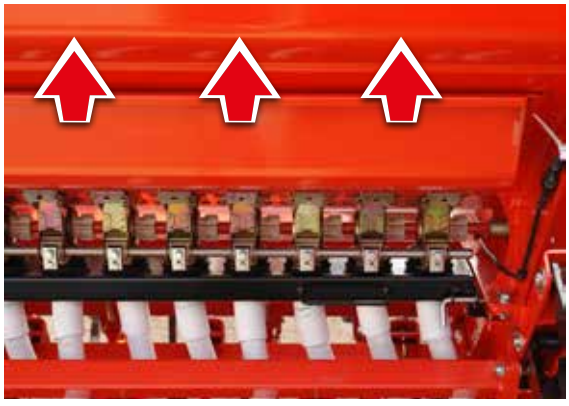
The fertilizer dosage has to be done by means of the fertilizer variator placed on the left side of the machine, positioning the lever on the graded scale from 0 to 50 and fixing it on the number selected in the dosage tables.

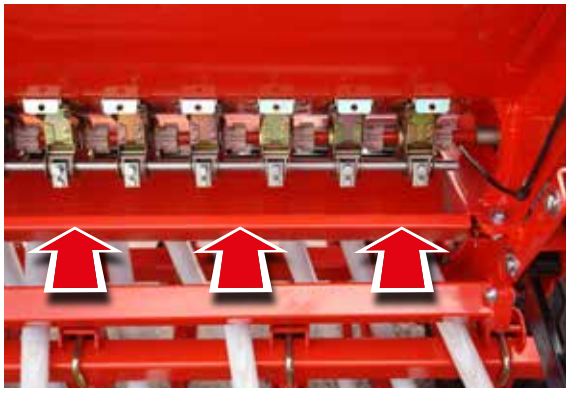
These tables are for guidance only. The fertilizer density can vary depending on manufacture process. So, we recomend to carry out a fertilizer dose test likewise that of the seed:

FIRST: slide the distribution bar (1) along its rails releasing the clamps (2), in the working position in order to place the plate.



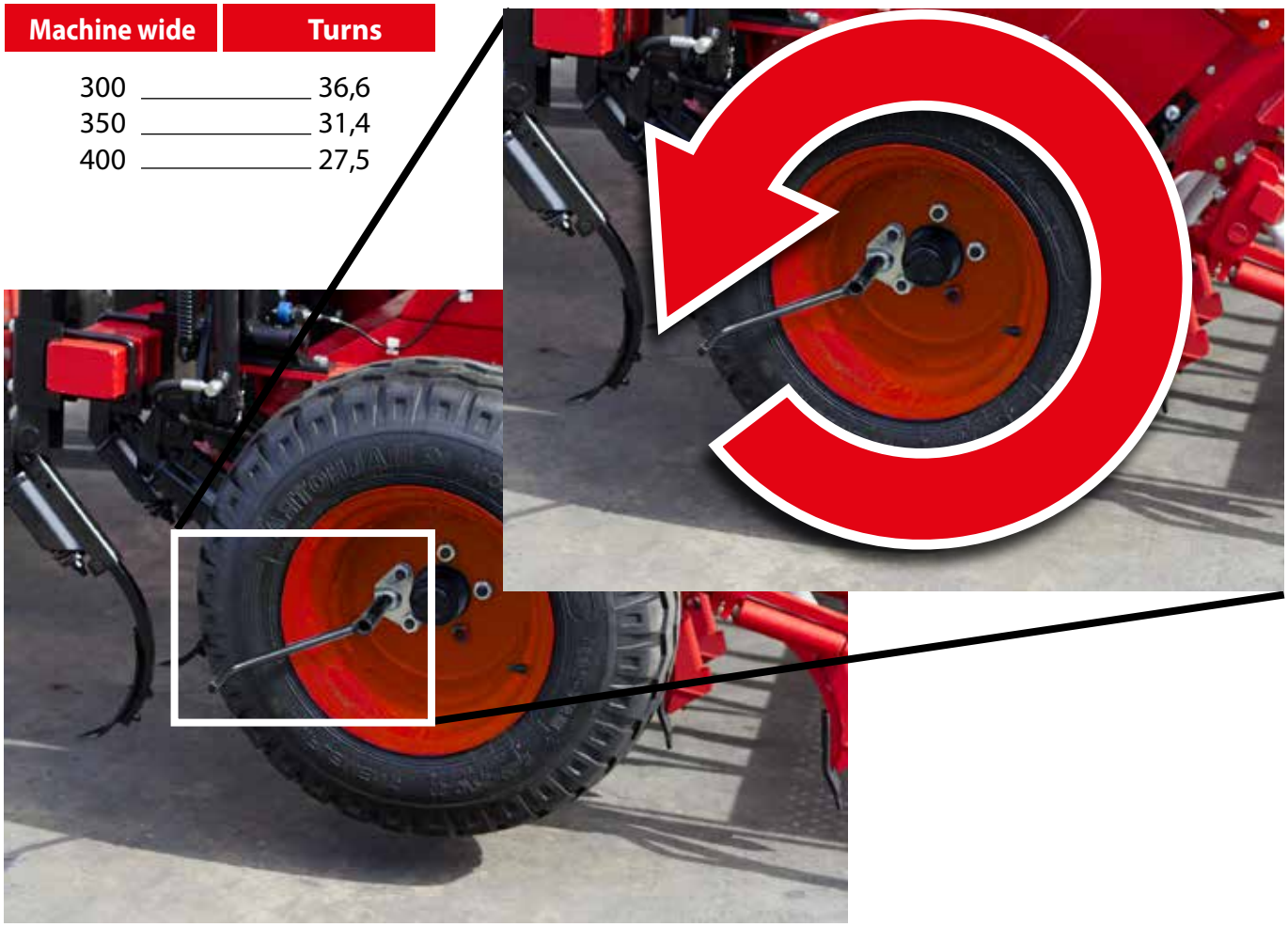
SECOND: slide the plate from the transport position and place it under the dispensers.





THIRD: place the lever in its place on the left wheels and five some clockwise turns to the driving wheel, until some seed is delivered. Collect up the fertilizer and return it to the hopper and and give the turns as follows:

Machine wide	Turns
300	36,6
350	31,4
400	27,5



The fertilizer collected, multiplied by 40, are the fertilizer kgs per hectare that the machine will distribute with the lever in the sector choosed. It is very important to do a precision test with the fertilizer, to verify the fiability level of the dosage table.

Beware of getting injuries from the scraper when turning the wheel.

Optionally, combined machines can be delivered with one or two seed and fertilizer tubes.

In the double tube option and with wet weather, it is VERY IMPORTANT to clean de fertilizer compartment of the nozzle, in order to avoid the blockage danger.

It is important to clean with plenty of water nozzles, pipes and coulters for preventing rust.

5.9- COULTERS DEPTH AND PRESSURE ADJUSTMENT

The coulters depth is set with an central adjuster spindle

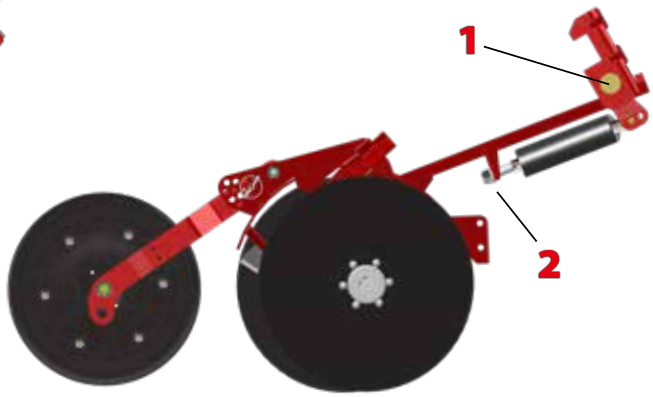
Previously we have explained how to adjust the pressure for each coulter individually.

5.10- TINE COULTERS ADJUSTMENT

TINE COULTER and DOUBLE DISC
Tine coulters are secured to their support by means of a special nut (1, fig. 23) equipped with a auto-tighting nut. Tighting this bolt allows to correct the tine coulter's lateral looseness. This operation should be performed periodically.

SUFFOLK COULTERS
The pressure on the soil can be adjusted using a spindle.
Turn the spindle clockwise to increase the sowing depth.
Turn the spindle anticlockwise to decrease the sowing depth.

TINE COULTER



DOUBLE DISC

SUFFOLK COULTERS

6- OPTIONAL EQUIPMENT

6.1- TRACK ERASERS

Track erasers are very efective devices to erase tractor's tracks. The four coulter's height and lenght can be adjusted depending on the vehicle's tread.

6.2- PARALLELOGRAMIC-SHAPED HARROW WITH FLEXIBLE TINES.

Harrow with double-tine springs which contribute to cover back the furrows produced by the sowing tine coulters.

By using the upper nut, the harrow's working pressure can be adjusted.

To adjust working depth, use the lower nut.

Parallelogramic-shaped joint allows the flexible tines to adapt vertical and horizontally to terrain irregularities in an excellent way.

Use always original double-tine springs SOLÀ, since they have been rigourously tested to achieve the highest quality.

Never step up the harrow when the machine is running.

6.3- TRACK MARKERS

Hydraulic track markers

Track markers should be assembled using the supplied screws in the supports placed in both sides of the machine. They are hydraulic and should be connected to a double-acting connection so that one arm is in vertical position and the other one is in working position. Cylinders contain a throttle to slow down and smooth the track marker's lift. Before starting work, check that they are in working order.

Track discs can be orientated to achieve the correct penetration angle and their supporters are extensible in order to be correctly adjusted. Track markers also have an extra spring which allows to adjust the pressure that track discs perform on the ground.

To calculate the horizontal spacing between track discs and the last lateral tine coulter, use following formula:

$$L = \text{Working width of the seed drill} - \frac{\text{track width of the tractor} + \text{row spacing}}{2}$$

PLEASE NOTE: PERFORM THE CALCULATION USING MEASUREMENTS IN CENTIMETRES.

HIGH PRESSURE OIL MAY ESCAPE, PASS THROUGH THE SKIN AND INGRESS INTO THE BODY, CAUSING SERIOUS INJURIES. KEEP HYDRAULIC HOSE LINES IN GOOD CONDITION.

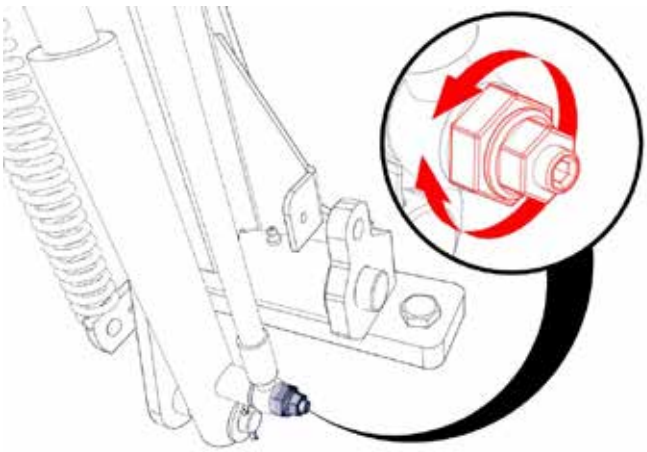
NEVER STAND UNDER THE TRACK DISCS OR WITHIN THEIR OPERATIONAL AREA

In order to transport the machine, it is essential to fold the track markers so they stay in a vertical position and pin them to the transport bracket using a lynch pin. This will prevent them from lowering during transit.

WHEN PULLING THE HYDRAULIC PIPES, BE SURE THAT THEY CAN NOT BE DAMAGED WHEN RAISING OR LOWERING THE SEED DRILL. CHECK ALSO THAT THEY ARE NOT EXPOSED TO ANY FRICTION.

DO NOT ADJUST SPRINGS AT HIGH PRESSURE NOR ORIENTATE TRACK DISCS VERY OBLIQUELY TO PREVENT SERIOUS DAMAGES TO THEM.

REGULATE THE RISE OF TRACK MARKERS USING THE HYDRAULIC CYLINDER REGULATOR. THE RISE OF THE TRACER MUST BE SLOWLY.



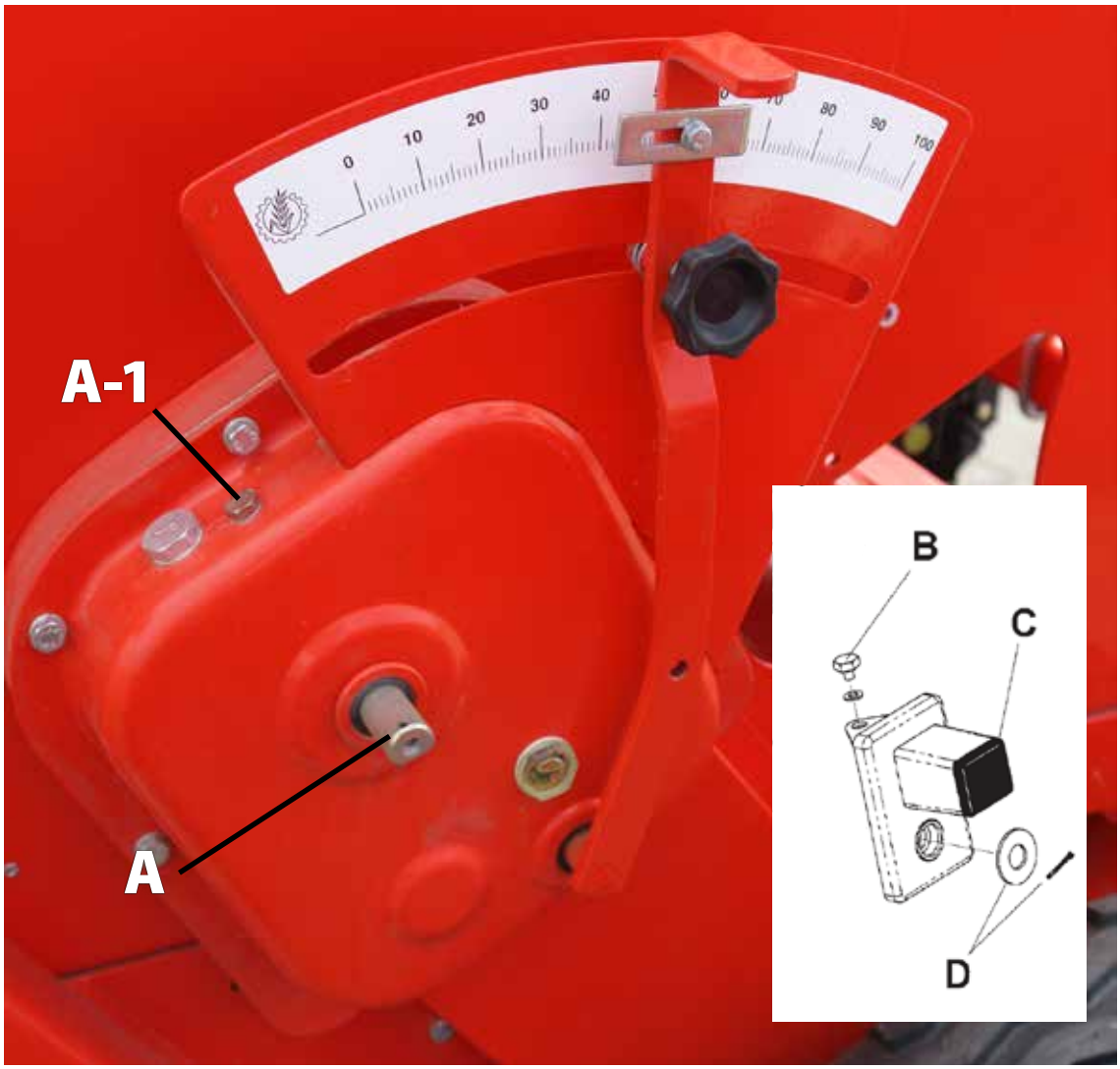
6.4- HECTARE COUNTER

The screw placed in gearbox's upper part must be removed (A-1). Next, the hectare counter must be assembled over the gearbox's axle (A) and the special screw (B) supplied with the hectare counter must be screwed down in place A-1.

To access to the hectare counter's reset control, remove the black lid (C).

Finally, a washer and a pin should be placed at the end of the gearbox's axle (D). It is important to check that the pin is not in contact with the hectare counter's box when turning.

Hectare counter "SOLÀ 90" is a direct reading type (hectares and squared metres) and both pinion gears are specific for each machine type, as indicated in the following table:



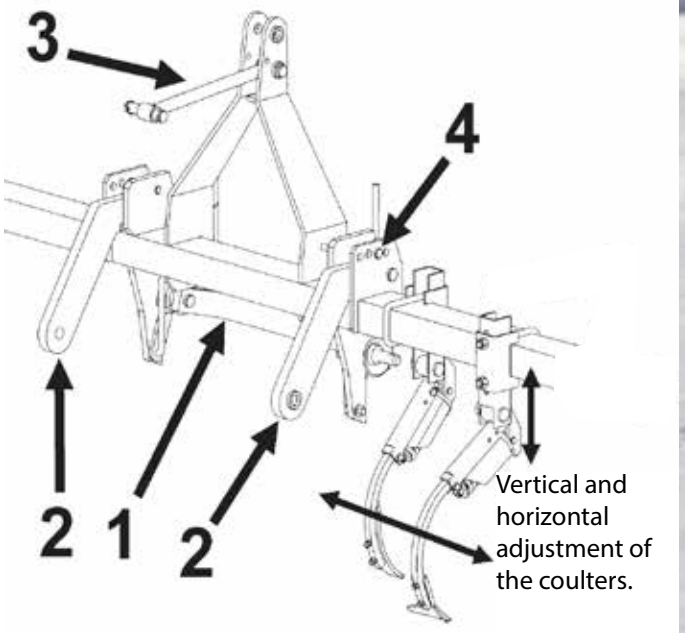
If the hectare counter are supplied separately from the machine, it is advisable to check that pinion type is correct.

6.5- FLOATING CULTIVATOR

Floating cultivator is part of the optional equipment to prepare the soil before sowing. It is assembled between the tractor and the seed drill.
Couple it to the tractor using an oscillant coupling bar (1). To couple it to the seed drill, use the two coupling arms (2) and a coupling piece (3) which joins both the machine's and the cultivator's three-point linkages.

The cultivator must perform the superficial ground work but the coulters placed on the tractor's tracks must work deeper: they must be adjusted to erase these tracks. Each coulter can be adjusted independently both vertically and horizontally.

The cultivator can be adjusted at four different working depths by switching the bolt's position (4). Being a floating cultivator allows its lateral and vertical movement to be independent from the seed drill. Thanks to this feature, the cultivator can be raised using the tractor's lift keeping at the same time the seed drill on the ground.



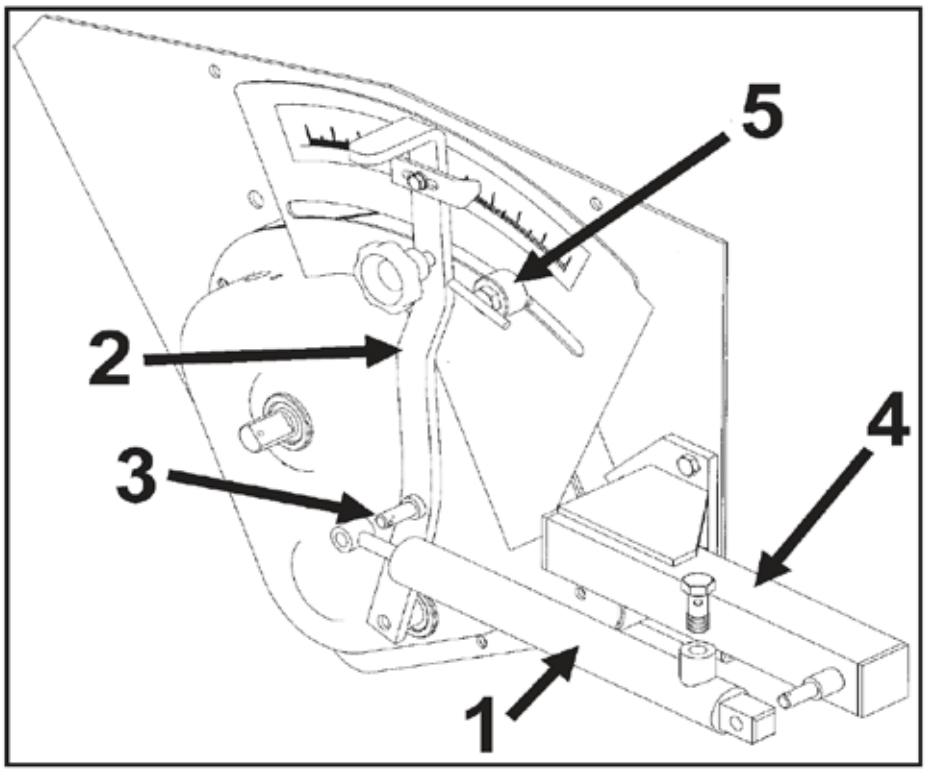
Vertical and horizontal adjustment of the coulters.

6.6- GEARBOX'S HYDRAULIC CONTROL

EGearbox can be equipped optionally with a hydraulic control to be used remotely.

The cylinder (1) must be assembled to gearbox's lever (2) using a bolt (3). It must be also assembled to the side of the machine using a screwed down support (4). The cylinder is supplied with a hydraulic hose line which must be plugged to a 1/2'' tractor control unit.

The gearbox's hydraulic control consists of an single acting hydraulic cylinder with internal return spring, which sets the gearbox lever to "closed" (pressurised circuit) or "sowing" (unpressurised circuit).



HIGH PRESSURE OIL MAY ESCAPE, PASS THROUGH THE SKIN AND INGRESS INTO THE BODY, CAUSING SERIOUS INJURIES. KEEP HYDRAULIC HOSE LINES IN GOOD CONDITION.

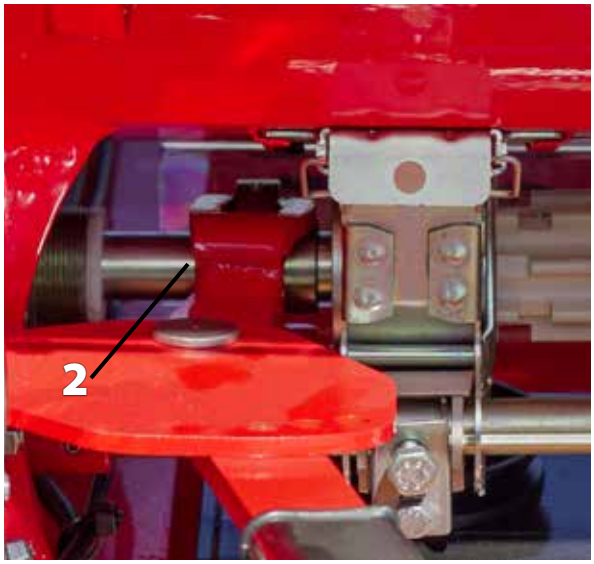
7- MAINTENANCE

7.1- LUBRICATION

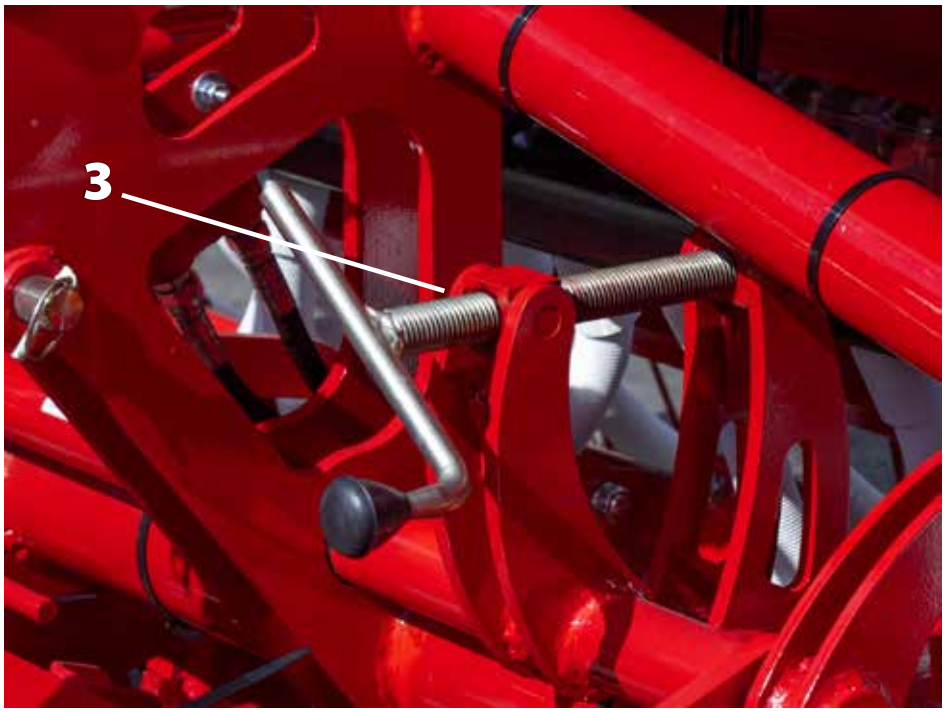
The following parts should be lubricated periodically:

Wheels's bushings, releasing the push-in cap. Use solid calcium grease (1)

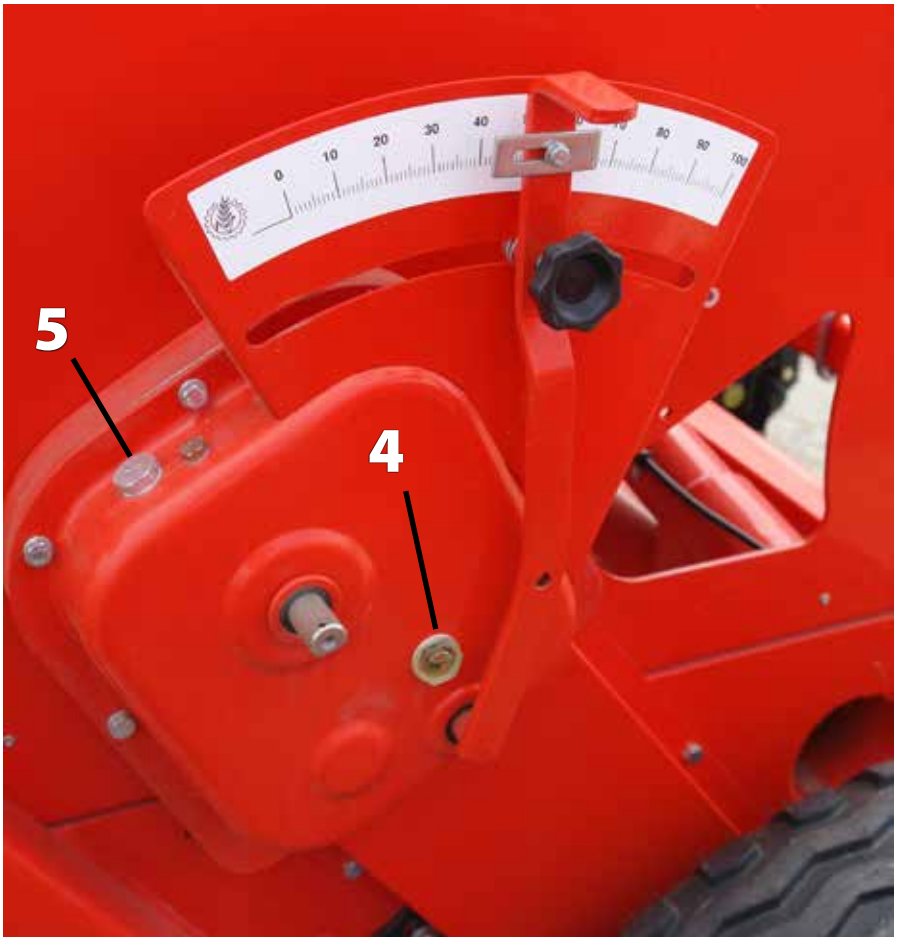
The seed dosing lever's roller guide. Use solid calcium grease. (2)



The central adjuster spindle. Use solid calcium grease (3)



Check the gearbox's oil level by using the hydraulic sight glass (4). If necessary, remove the cap (5) and refill it with oil type SAE 30.)



NEVER LUBRICATE THE SEED WHEELS.

It is advisable to change the oil every 5 years, whatever the use of the machine, to change the oil use an oil type SAE 30 (approximately 0.9 liters).

7.2- TYRES PRESSURE

Indicated pressures are provided by the manufacturer, at maximum load.

Tyres	Pressure
10.0/75-15,3	6 kg/cm^2

In general use and especially when working on irregularly tilled terrains, it is recommended to use a slightly lower pressure to absorb the ground's irregularities and get a higher regularity in sowing.

7.3- SCREWS

After working for some hours, all screws should be checked and tightened. Put special attention to the ones which fix the tines to the coulter. For these ones, a special socket wrench is supplied which it is placed inside the hopper.

7.4- ANTIOXIDE CONTROL

Once the sowing season is finished, antioxide maintenance must be carried out as follows.

a) Dismantle the pipes, nozzles and shutoff gates. Clean them thoroughly.

b) Wash with water jet the whole machine, specially inside the hopper and the dispensers (with the covers removed). Turn the right wheel so that the seed wheels can be completely washed.

c) Give a coat of paint to those parts with oxidation signs, specially those made of metal sheet.

d) Verify the general greasing.

7.5- PROBLEM-SOLVING

In this chapter, user will find a guide to solve the most frequent problems that arise from a regular use of the machine.

Dosing system do not dose evenly.

- Check there is no external elements inside the seed wheel's box.
- Check that all shutoff gates are completely open.
- Check that all base flaps are correctly aligned.
- Check if the seed wheel show any worn out or damaged part.
- Do not work in very narrow circles: this carries an uneven seed dosing

Dose dispensed is lesser than expected or zero.

- Follow steps as described in this manual to adjust the correct dose, paying special attention to tyre's pressure, turning of the wheel on the ground, etc.
- Check that the tractor's hydraulic arms are completely lowered so that the drive wheel makes contact with the ground.
- Check the pin which connects the gearbox and seed wheel's axle.
- Check that scrapers are not slowing the drive wheel down.
- Check that the drive system is in good condition: bushing's teeth, chain and gearbox's pinion must them all not be worn out or show any damage.
- If none of the previous solutions turn out to be useful, contact your closest dealer SOLÀ with the gearbox. Do not try yourself to repair this part.

8- DOSAGE TABLES

8.1- TRISEM-2110

TRISEM-2110 - SEED Kg/Ha

SEED		WHEAT												BARLEY										
1000 grain operating weight (g)		40												46										
Distributors position		WIDE												WIDE										
Mobile bottom lever position		3												3										
GEAR BOX	Width between tine coulters (cm)	12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	
	14																							
	16																							
	18																							
	20	86,1	85,3	82,7	80,1	75,8	74,9	73,8	72,4	65,5	64,6	62,0	67,2	66,5	64,5	62,5	59,1	58,4	57,6	56,4	51,1	50,4	48,4	
	22	95,6	94,6	91,8	88,9	84,1	83,1	81,9	80,3	72,6	71,7	68,8	76,7	76,0	73,7	71,4	67,5	66,7	65,8	64,4	58,3	57,5	55,2	
	24	105	104	101	97,7	92,4	91,4	90,0	88,2	79,8	78,8	75,6	84,0	83,2	80,6	78,1	73,9	73,1	72,0	70,6	63,8	63,0	60,5	
	26	115	113	110	107	101	99,7	98,2	96,2	87,1	85,9	82,5	92,5	91,5	88,8	86,0	81,4	80,5	79,3	77,7	70,3	69,4	66,6	
	28	124	123	119	115	109	108	106	104	94,2	93,0	89,3	101	100	96,8	93,8	88,7	87,7	86,4	84,7	76,6	75,6	72,6	
	30	134	133	129	125	118	117	115	113	102	101	96,8	112	111	108	105	98,9	97,8	96,3	94,4	85,4	84,3	80,9	
	32	145	144	139	135	128	126	124	122	110	109	104	121	120	116	112	106	105	104	101	91,8	90,6	86,9	
	34	154	153	148	144	136	134	132	130	117	116	111	129	128	124	120	114	112	111	109	98,2	96,9	93,0	
	36	165	163	158	153	145	143	141	139	125	124	119	139	137	133	129	122	121	119	116	105	104	99,8	
	38	173	172	166	161	152	151	149	146	132	130	125	146	145	140	136	129	127	125	123	111	110	105	
	40	182	180	174	169	160	158	156	153	138	136	131	153	152	147	143	135	133	131	129	117	115	110	
	45	202	200	194	188	177	175	173	169	153	151	145	170	168	163	158	150	148	146	143	129	128	123	
	50	224	221	215	208	197	195	192	188	170	168	161	189	187	182	176	166	165	162	159	144	142	136	
	55	245	242	235	228	215	213	210	206	186	184	176	208	206	200	193	183	181	178	175	158	156	150	
	60	267	264	256	248	235	232	229	224	203	200	192	228	226	219	212	201	198	195	191	173	171	164	
	65	290	287	278	270	255	252	249	244	220	217	209	245	242	235	228	215	213	210	206	186	184	176	
	70	312	309	299	290	274	271	267	262	237	234	225	264	261	253	245	232	229	226	222	200	198	190	
	75	334	331	321	311	294	291	286	281	254	250	240	284	281	272	264	250	247	243	238	216	213	204	
	80	356	352	342	331	313	310	305	299	271	267	256	300	297	288	279	264	261	258	252	228	225	216	
	85	382	378	367	356	336	333	328	321	291	287	275	318	315	305	296	280	277	273	267	242	239	229	
	90	411	407	394	382	361	357	352	345	312	308	296	334	331	321	311	294	291	286	281	254	250	240	
	95	424	420	407	395	373	369	364	356	322	318	305	353	349	339	328	311	307	303	296	268	265	254	
	100	441	437	423	410	388	384	378	371	335	331	318	370	366	355	344	325	322	317	311	281	277	266	

TRISEM-2110 - SEED Kg/Ha

SEED		TRICTICALE											PEAS										
1000 grain operating weight (g)		30											239										
Distributors position		WIDE											WIDE										
Mobile bottom lever position		3											5										
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	24,0	24,2	25,0	25,8	27,3	27,6	28,0	28,6	31,6	32,0	33,3
GEAR BOX	14																						
	16																						
	18																						
	20	64,1	63,4	61,5	59,6	56,4	55,7	54,9	53,8	48,7	48,1	46,1	43,1	42,6	41,4	40,1	37,9	37,5	36,9	36,2	32,7	32,3	31,0
	22	71,5	70,8	68,6	66,5	62,9	62,2	61,3	60,0	54,3	53,6	51,5	49,4	48,9	47,4	45,9	43,5	43,0	42,3	41,5	37,5	37,0	35,6
	24	78,8	78,0	75,6	73,2	69,3	68,5	67,5	66,2	59,9	59,1	56,7	52,5	52,0	50,4	48,8	46,2	45,7	45,0	44,1	39,9	39,4	37,8
	26	85,1	84,2	81,7	79,1	74,9	74,0	72,9	71,5	64,7	63,8	61,3	58,8	58,2	56,5	54,7	51,8	51,2	50,4	49,4	44,7	44,1	42,4
	28	93,4	92,5	89,7	86,9	82,2	81,3	80,1	78,5	71,0	70,1	67,3	64,1	63,4	61,5	59,6	56,4	55,7	54,9	53,8	48,7	48,1	46,1
	30	102	101	97,8	94,8	89,7	88,7	87,3	85,6	77,4	76,4	73,4	70,4	69,7	67,6	65,5	62,0	61,2	60,3	59,1	53,5	52,8	50,7
	32	112	111	108	105	98,9	97,8	96,3	94,4	85,4	84,3	80,9	73,5	72,8	70,6	68,4	64,7	63,9	63,0	61,7	55,9	55,1	52,9
	34	122	121	117	113	107	106	104	102	92,6	91,4	87,7	78,8	78,0	75,6	73,2	69,3	68,5	67,5	66,2	59,9	59,1	56,7
	36	133	132	128	124	117	116	114	112	101	100	96,0	84,0	83,2	80,6	78,1	73,9	73,1	72,0	70,6	63,8	63,0	60,5
	38	142	140	136	132	125	123	122	119	108	106	102	88,2	87,3	84,6	82,0	77,6	76,7	75,6	74,1	67,0	66,1	63,5
	40	150	149	144	140	132	131	129	126	114	113	108	92,5	91,5	88,8	86,0	81,4	80,5	79,3	77,7	70,3	69,4	66,6
	45	166	164	159	154	146	144	142	139	126	124	119	98,7	97,7	94,7	91,8	86,8	85,8	84,6	82,9	75,0	74,0	71,0
	50	182	180	174	169	160	158	156	153	138	136	131	105	104	101	97,7	92,4	91,4	90,0	88,2	79,8	78,8	75,6
	55	199	197	191	185	175	173	170	167	151	149	143	111	110	107	104	98,0	96,9	95,4	93,5	84,6	83,5	80,2
	60	217	215	209	202	191	189	186	183	165	163	157	120	119	115	111	105	104	103	101	91,0	89,8	86,3
	65	235	233	226	219	207	205	202	198	179	176	169	147	146	141	137	129	128	126	123	112	110	106
	70	252	250	242	234	222	219	216	212	192	189	182	159	157	152	147	140	138	136	133	121	119	114
	75	270	267	259	251	238	235	231	227	205	202	194											
	80	288	285	276	268	253	250	247	242	219	216	207											
	85	306	303	293	284	269	266	262	257	232	229	220											
	90	322	319	310	300	284	280	276	271	245	242	232											
	95	340	337	327	316	299	296	292	286	259	255	245											
	100	359	356	345	334	316	313	308	302	273	269	259											

TRISEM-2110 - SEED Kg/Ha

	SEED	BEANS											RAPE										
	1000 grain operating weight (g)	530											-										
	Distributors position	WIDE											NARROW										
	Mobile bottom lever position	4											1										
	Width between tine coulters (cm)	12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	24,0	24,2	25,0	25,8	27,3	27,6	28,0	28,6	31,6	32,0	33,3
GEAR BOX	14	76,7	76,0	73,7	71,4	67,5	66,7	65,8	64,4	58,3	57,5	55,2	3,7	3,7	3,6	3,4	3,3	3,2	3,2	3,1	2,8	2,8	2,7
	16	92,5	91,5	88,8	86,0	81,4	80,5	79,3	77,7	70,3	69,4	66,6	5,0	5,0	4,8	4,7	4,4	4,4	4,3	4,2	3,8	3,8	3,6
	18	111	110	107	104	98,0	96,9	95,4	93,5	84,6	83,5	80,2	5,8	5,8	5,6	5,4	5,1	5,1	5,0	4,9	4,4	4,4	4,2
	20	132	131	127	123	116	115	113	111	101	99,2	95,3	6,9	6,9	6,6	6,4	6,1	6,0	5,9	5,8	5,3	5,2	5,0
	22	147	146	141	137	129	128	126	123	112	110	106	8,4	8,3	8,0	7,8	7,4	7,3	7,2	7,0	6,3	6,3	6,0
	24	163	161	156	151	143	142	140	137	124	122	117	9,2	9,1	8,8	8,5	8,1	8,0	7,9	7,7	7,0	6,9	6,6
	26	184	182	176	171	162	160	158	154	140	138	132	10,4	10,3	10,0	9,7	9,1	9,0	8,9	8,7	7,9	7,8	7,5
	28	208	206	200	193	183	181	178	175	158	156	150	10,6	10,5	10,2	9,9	9,3	9,2	9,1	8,9	8,1	8,0	7,6
	30	221	218	212	205	194	192	189	185	168	165	159	13,5	13,3	12,9	12,5	11,9	11,7	11,6	11,3	10,2	10,1	9,7
	32	238	236	229	222	210	207	204	200	181	179	172	14,7	14,5	14,1	13,6	12,9	12,8	12,6	12,3	11,2	11,0	10,6
	34	256	254	246	238	226	223	220	215	195	192	185	16,2	16,1	15,6	15,1	14,3	14,1	13,9	13,6	12,3	12,2	11,7
	36	274	271	263	255	241	239	235	230	208	206	197	17,9	17,7	17,2	16,6	15,8	15,6	15,3	15,0	13,6	13,4	12,9
	38												19,7	19,5	18,9	18,3	17,3	17,1	16,9	16,5	15,0	14,8	14,2
	40												21,7	21,5	20,8	20,2	19,1	18,9	18,6	18,2	16,5	16,3	15,6
	45												23,7	23,5	22,8	22,1	20,9	20,7	20,4	19,9	18,0	17,8	17,1
	50												26,7	26,5	25,7	24,9	23,5	23,3	22,9	22,5	20,3	20,0	19,2
	55																						
	60																						
	65																						
	70																						
	75																						
	80																						
	85																						
	90																						
	95																						
	100																						

TRISEM-2110 - SEED Kg/Ha

SEED		SAINFOIN											VETCHES									
1000 grain operating weight (g)		19											44									
Distributors position		NARROW											WIDE									
Mobile bottom lever position		3											2									
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7
GEAR BOX	14	23,1	22,9	22,2	21,5	20,4	20,1	19,8	19,4	17,6	17,4	16,7	72,4	71,7	69,5	67,4	63,7	63,0	62,1	60,8	55,0	54,3	52,1
	16	28,4	28,1	27,3	26,4	25,0	24,7	24,3	23,9	21,6	21,3	20,4	88,2	87,3	84,6	82,0	77,6	76,7	75,6	74,1	67,0	66,1	63,5
	18	32,6	32,2	31,3	30,3	28,7	28,3	27,9	27,4	24,8	24,4	23,5	106	105	102	98,6	93,3	92,3	90,9	89,1	80,6	79,6	76,4
	20	37,8	37,4	36,3	35,2	33,3	32,9	32,4	31,8	28,7	28,4	27,2	124	123	119	115	109	108	106	104	94,2	93,0	89,3
	22	42,0	41,6	40,3	39,1	37,0	36,5	36,0	35,3	31,9	31,5	30,2	142	140	136	132	125	123	122	119	108	106	102
	24	48,3	47,8	46,4	44,9	42,5	42,0	41,4	40,6	36,7	36,2	34,8	157	155	150	146	138	136	134	131	119	117	113
	26	52,5	52,0	50,4	48,8	46,2	45,7	45,0	44,1	39,9	39,4	37,8	172	171	165	160	152	150	148	145	131	129	124
	28	58,8	58,2	56,5	54,7	51,8	51,2	50,4	49,4	44,7	44,1	42,4	194	192	187	181	171	169	167	163	148	146	140
	30	65,1	64,5	62,5	60,6	57,3	56,7	55,8	54,7	49,5	48,9	46,9	214	212	206	199	189	186	184	180	163	161	154
	32	73,5	72,8	70,6	68,4	64,7	63,9	63,0	61,7	55,9	55,1	52,9	225	223	216	209	198	196	193	189	171	169	162
	34	79,8	79,0	76,6	74,2	70,2	69,4	68,4	67,1	60,7	59,9	57,5	248	245	238	230	218	216	212	208	188	186	178
	36	90,3	89,4	86,7	84,0	79,5	78,6	77,4	75,9	68,6	67,7	65,0											
	38	96,6	95,7	92,8	89,9	85,1	84,1	82,8	81,2	73,5	72,5	69,6											
	40	101	100	96,8	93,8	88,7	87,7	86,4	84,7	76,6	75,6	72,6											
	45	112	111	108	105	98,9	97,8	96,3	94,4	85,4	84,3	80,9											
	50																						
	55																						
	60																						
	65																						
	70																						
	75																						
	80																						
	85																						
	90																						
	95																						
	100																						

TRISEM-2110 - SEED Kg/Ha

SEED		RAY-GRAS											LUCERNE										
1000 grain operating weight (g)		-											-										
Distributors position		NARROW											NARROW										
Mobile bottom lever position		1											1										
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7
GEAR BOX	14												13,2	13,1	12,7	12,3	11,7	11,5	11,4	11,1	10,1	9,9	9,5
	16												16,1	15,9	15,5	15,0	14,2	14,0	13,8	13,5	12,2	12,1	11,6
	18												19,4	19,3	18,7	18,1	17,1	16,9	16,7	16,3	14,8	14,6	14,0
	20												21,7	21,5	20,8	20,2	19,1	18,9	18,6	18,2	16,5	16,3	15,6
	22												25,1	24,8	24,1	23,3	22,1	21,8	21,5	21,0	19,0	18,8	18,0
	24												27,3	27,1	26,2	25,4	24,0	23,8	23,4	23,0	20,8	20,5	19,7
	26	9,9	9,8	9,5	9,2	8,7	8,6	8,5	8,3	7,5	7,4	7,1	30,2	29,9	29,0	28,1	26,6	26,3	25,9	25,4	22,9	22,6	21,7
	28	10,9	10,7	10,4	10,1	9,6	9,4	9,3	9,1	8,3	8,1	7,8	33,6	33,3	32,3	31,3	29,6	29,3	28,8	28,3	25,6	25,2	24,2
	30	12,1	11,9	11,6	11,2	10,6	10,5	10,3	10,1	9,2	9,0	8,7	36,5	36,1	35,1	34,0	32,1	31,8	31,3	30,7	27,7	27,4	26,3
	32	13,4	13,2	12,8	12,4	11,8	11,6	11,5	11,2	10,2	10,0	9,6	39,6	39,2	38,0	36,8	34,9	34,5	34,0	33,3	30,1	29,7	28,5
	34	14,6	14,4	14,0	13,5	12,8	12,7	12,5	12,2	11,1	10,9	10,5	43,1	42,6	41,4	40,1	37,9	37,5	36,9	36,2	32,7	32,3	31,0
	36	15,8	15,6	15,1	14,6	13,9	13,7	13,5	13,2	12,0	11,8	11,3	46,2	45,7	44,3	42,9	40,6	40,2	39,6	38,8	35,1	34,6	33,2
	38	17,3	17,1	16,6	16,1	15,2	15,1	14,8	14,5	13,1	13,0	12,5	50,5	50,0	48,5	46,9	44,4	43,9	43,3	42,4	38,4	37,9	36,3
	40	17,9	17,7	17,2	16,6	15,8	15,6	15,3	15,0	13,6	13,4	12,9	55,7	55,2	53,5	51,8	49,0	48,5	47,8	46,8	42,3	41,8	40,1
	45	19,4	19,3	18,7	18,1	17,1	16,9	16,7	16,3	14,8	14,6	14,0	61,9	61,3	59,4	57,6	54,5	53,9	53,1	52,0	47,1	46,4	44,6
	50	21,0	20,8	20,2	19,5	18,5	18,3	18,0	17,6	16,0	15,8	15,1	67,2	66,5	64,5	62,5	59,1	58,4	57,6	56,4	51,1	50,4	48,4
	55	23,1	22,9	22,2	21,5	20,4	20,1	19,8	19,4	17,6	17,4	16,7	71,5	70,8	68,6	66,5	62,9	62,2	61,3	60,0	54,3	53,6	51,5
	60	25,2	24,9	24,2	23,4	22,2	21,9	21,6	21,1	19,1	18,9	18,1	76,7	76,0	73,7	71,4	67,5	66,7	65,8	64,4	58,3	57,5	55,2
	65	30,4	30,1	29,2	28,3	26,8	26,5	26,1	25,6	23,1	22,8	21,9											
	70	34,6	34,3	33,2	32,2	30,5	30,1	29,7	29,1	26,3	26,0	24,9											
	75	44,1	43,7	42,4	41,1	38,9	38,4	37,8	37,1	33,6	33,1	31,8											
	80																						
	85																						
	90																						
	95																						
	100																						

TRISEM-2110 - SEED Kg/Ha

SEED		SPINACH											LINUM									
1000 grain operating weight (g)		12											5,6									
Distributors position		NARROW											WIDE									
Mobile bottom lever position		1											1									
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7
GEAR BOX	14	5,6	5,6	5,4	5,2	4,9	4,9	4,8	4,7	4,3	4,2	4,0	36,8	36,4	35,3	34,2	32,3	32,0	31,5	30,9	27,9	27,6	26,5
	16	6,7	6,6	6,4	6,2	5,9	5,8	5,7	5,6	5,1	5,0	4,8	44,1	43,7	42,4	41,1	38,9	38,4	37,8	37,1	33,6	33,1	31,8
	18	8,5	8,4	8,1	7,9	7,5	7,4	7,3	7,1	6,4	6,4	6,1	51,4	50,9	49,4	47,8	45,3	44,7	44,1	43,2	39,1	38,6	37,0
	20	10,1	10,0	9,7	9,4	8,9	8,8	8,7	8,5	7,7	7,6	7,3	58,8	58,2	56,5	54,7	51,8	51,2	50,4	49,4	44,7	44,1	42,4
	22	11,8	11,7	11,3	11,0	10,4	10,3	10,1	9,9	9,0	8,9	8,5	66,2	65,6	63,6	61,6	58,3	57,6	56,8	55,6	50,3	49,7	47,7
	24	13,5	13,3	12,9	12,5	11,9	11,7	11,6	11,3	10,2	10,1	9,7	73,5	72,8	70,6	68,4	64,7	63,9	63,0	61,7	55,9	55,1	52,9
	26	14,9	14,8	14,3	13,9	13,1	13,0	12,8	12,5	11,3	11,2	10,7	80,9	80,1	77,7	75,2	71,2	70,4	69,3	68,0	61,5	60,7	58,2
	28	16,7	16,5	16,0	15,5	14,7	14,5	14,3	14,0	12,7	12,5	12,0	88,2	87,3	84,6	82,0	77,6	76,7	75,6	74,1	67,0	66,1	63,5
	30	18,4	18,2	17,6	17,1	16,2	16,0	15,8	15,4	14,0	13,8	13,2	95,6	94,6	91,8	88,9	84,1	83,1	81,9	80,3	72,6	71,7	68,8
	32	19,9	19,7	19,1	18,5	17,5	17,3	17,1	16,7	15,1	14,9	14,3	103	102	98,9	95,8	90,6	89,6	88,3	86,5	78,3	77,2	74,1
	34	21,6	21,4	20,7	20,1	19,0	18,8	18,5	18,1	16,4	16,2	15,5	110	109	106	103	97,0	95,9	94,5	92,6	83,8	82,7	79,4
	36	23,1	22,9	22,2	21,5	20,4	20,1	19,8	19,4	17,6	17,4	16,7	118	116	113	109	104	102	101	98,8	89,4	88,2	84,7
	38	24,1	23,9	23,1	22,4	21,2	21,0	20,7	20,2	18,3	18,1	17,4	132	131	127	123	116	115	113	111	101	99,2	95,3
	40	29,4	29,1	28,2	27,3	25,8	25,5	25,2	24,7	22,3	22,0	21,1	151	150	145	141	133	132	130	127	115	113	109
	45	32,6	32,2	31,3	30,3	28,7	28,3	27,9	27,4	24,8	24,4	23,5	169	167	162	157	149	147	145	142	128	127	122
	50	37,8	37,4	36,3	35,2	33,3	32,9	32,4	31,8	28,7	28,4	27,2	188	186	181	175	165	164	161	158	143	141	135
	55	44,1	43,7	42,4	41,1	38,9	38,4	37,8	37,1	33,6	33,1	31,8	206	204	198	191	181	179	176	173	156	154	148
	60																						
	65																						
	70																						
	75																						
	80																						
	85																						
	90																						
	95																						
	100																						

TRISEM-2110 - SEED Kg/Ha												
SEED		OATS										
1000 grain operating weight (g)		24										
Distributors position		WIDE										
Mobile bottom lever position		3										
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7
GEAR BOX	14	22,6	22,3	21,6	21,0	19,8	19,6	19,3	18,9	17,1	16,9	16,2
	16	26,7	26,5	25,7	24,9	23,5	23,3	22,9	22,5	20,3	20,0	19,2
	18	30,4	30,1	29,2	28,3	26,8	26,5	26,1	25,6	23,1	22,8	21,9
	20	34,6	34,3	33,2	32,2	30,5	30,1	29,7	29,1	26,3	26,0	24,9
	22	38,9	38,5	37,3	36,2	34,2	33,8	33,3	32,7	29,6	29,2	28,0
	24	43,1	42,6	41,4	40,1	37,9	37,5	36,9	36,2	32,7	32,3	31,0
	26	47,3	46,8	45,4	43,9	41,6	41,1	40,5	39,7	35,9	35,4	34,0
	28	51,4	50,9	49,4	47,8	45,3	44,7	44,1	43,2	39,1	38,6	37,0
	30	55,2	54,7	53,0	51,4	48,6	48,1	47,4	46,4	42,0	41,4	39,8
	32	59,2	58,6	56,8	55,0	52,1	51,5	50,7	49,7	45,0	44,4	42,6
	34	63,0	62,4	60,5	58,6	55,4	54,8	54,0	52,9	47,9	47,3	45,4
	36	67,2	66,5	64,5	62,5	59,1	58,4	57,6	56,4	51,1	50,4	48,4
	38	71,5	70,8	68,6	66,5	62,9	62,2	61,3	60,0	54,3	53,6	51,5
	40	75,6	74,9	72,6	70,4	66,6	65,8	64,8	63,5	57,5	56,7	54,5
	45	86,1	85,3	82,7	80,1	75,8	74,9	73,8	72,4	65,5	64,6	62,0
	50	96,1	95,1	92,2	89,3	84,5	83,6	82,3	80,7	73,0	72,0	69,2
	55	106	105	102	98,6	93,3	92,3	90,9	89,1	80,6	79,6	76,4
	60	117	115	112	108	103	101	99,9	97,9	88,6	87,4	83,9
	65	127	125	122	118	111	110	109	106	96,2	94,9	91,1
	70	137	136	132	127	121	119	118	115	104	103	98,7
	75	147	146	141	137	129	128	126	123	112	110	106
	80	157	156	151	146	138	137	135	132	119	118	113
	85	168	166	161	156	148	146	144	141	127	126	121
	90	178	176	170	165	156	154	152	149	135	133	128
	95	180	178	173	168	159	157	155	151	137	135	130
	100	183	181	175	170	161	159	157	154	139	137	132

INDICATED QUANTITIES SHOWN IN THE FOLLOWING TABLE SHOULD BE CONSIDERED FOR GUIDANCE ONLY, FORESEEN FLOWS CAN VARY DEPENDING ON THE ACCIDENTAL PRESENCE OF DISINFECTING PRODUCTS, UNEVEN SEED SIZE, DENSITY, HUMIDITY, ETC.

TRICOMBI-2110 - SEED Kg/Ha

SEED		WHEAT											BARLEY										
1000 grain operating weight (g)		40											46										
Distributors position		WIDE											WIDE										
Mobile bottom lever position		3											3										
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7
GEAR BOX	14																						
	16																						
	18																						
	20	90,2	89,3	86,6	83,9	79,4	78,5	77,3	75,8	68,6	67,7	65,0	70,0	69,3	67,2	65,1	61,6	60,9	60,0	58,8	53,2	52,5	50,4
	22	101	100	97,3	94,3	89,2	88,2	86,9	85,2	77,0	76,0	73,0	78,1	77,3	74,9	72,6	68,7	67,9	66,9	65,6	59,3	58,5	56,2
	24	113	111	108	105	99,0	97,9	96,5	94,5	85,5	84,4	81,0	86,2	85,3	82,7	80,1	75,8	75,0	73,9	72,4	65,5	64,6	62,0
	26	122	120	117	113	107	106	104	102	92,5	91,2	87,6	96,3	95,3	92,5	89,6	84,8	83,8	82,6	80,9	73,2	72,2	69,3
	28	134	132	128	124	118	116	115	112	102	100	96,4	104	103	100	97,1	91,9	90,8	89,5	87,7	79,4	78,3	75,2
	30	142	141	136	132	125	123	122	119	108	106	102	115	113	110	107	101	99,7	98,2	96,2	87,1	85,9	82,5
	32	149	148	143	139	131	130	128	125	113	112	107	122	120	117	113	107	106	104	102	92,5	91,2	87,6
	34	160	159	154	149	141	139	137	135	122	120	115	132	130	127	123	116	115	113	111	100	98,8	94,9
	36	170	169	164	158	150	148	146	143	129	128	123	142	141	136	132	125	123	122	119	108	106	102
	38	179	178	172	167	158	156	154	151	136	135	129	150	149	144	140	132	131	129	126	114	113	108
	40	191	189	183	177	168	166	163	160	145	143	137	159	158	153	148	140	138	136	134	121	119	115
	45	213	211	204	198	187	185	182	179	162	160	153	179	178	172	167	158	156	154	151	136	135	129
	50	235	233	226	219	207	205	202	198	179	176	169	198	196	190	184	174	172	169	166	150	148	142
	55	259	256	248	240	227	225	222	217	196	194	186	227	225	218	211	200	198	195	191	173	170	164
	60	281	278	270	261	247	244	241	236	213	211	202	238	236	229	222	210	207	204	200	181	179	172
	65	304	301	292	283	268	265	261	255	231	228	219	259	256	248	240	227	225	222	217	196	194	186
	70	328	325	315	305	289	286	282	276	250	246	236	277	274	266	257	244	241	237	232	210	208	199
	75	352	348	338	327	310	306	302	296	267	264	253	297	294	285	276	261	258	255	250	226	223	214
	80	375	371	360	349	330	326	322	315	285	281	270	314	311	302	292	277	273	269	264	239	236	226
	85	395	391	380	368	348	344	339	332	300	297	285	335	331	321	311	294	291	287	281	254	251	241
	90	417	413	400	388	367	363	357	350	317	313	300	352	348	338	327	310	306	302	296	267	264	253
	95	439	435	421	408	386	382	376	369	334	329	316	371	367	356	345	327	323	318	312	282	278	267
	100	463	459	445	431	408	403	397	389	352	347	334	389	385	374	362	343	339	334	327	296	292	280

TRICOMBI-2110 - SEED Kg/Ha

SEED		TRICTICALE											PEAS										
1000 grain operating weight (g)		30											239										
Distributors position		WIDE											WIDE										
Mobile bottom lever position		3											5										
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	24,0	24,2	25,0	25,8	27,3	27,6	28,0	28,6	31,6	32,0	33,3
GEAR BOX	14																						
	16																						
	18																						
	20	67,9	67,2	65,2	63,2	59,8	59,1	58,2	57,1	51,6	50,9	48,9	46,6	46,2	44,8	43,4	41,0	40,6	40,0	39,2	35,4	35,0	33,6
	22	75,0	74,3	72,0	69,8	66,0	65,3	64,3	63,0	57,0	56,3	54,0	51,7	51,2	49,6	48,1	45,5	45,0	44,3	43,4	39,3	38,8	37,2
	24	83,1	82,3	79,8	77,3	73,2	72,3	71,3	69,8	63,2	62,3	59,9	55,8	55,2	53,5	51,9	49,1	48,5	47,8	46,8	42,4	41,8	40,1
	26	90,2	89,3	86,6	83,9	79,4	78,5	77,3	75,8	68,6	67,7	65,0	61,8	61,2	59,4	57,5	54,4	53,8	53,0	51,9	47,0	46,4	44,5
	28	99,4	98,4	95,4	92,4	87,4	86,4	85,2	83,5	75,5	74,5	71,5	67,9	67,2	65,2	63,2	59,8	59,1	58,2	57,1	51,6	50,9	48,9
	30	107	106	103	100	94,6	93,5	92,1	90,3	81,7	80,6	77,4	75,0	74,3	72,0	69,8	66,0	65,3	64,3	63,0	57,0	56,3	54,0
	32	118	116	113	109	103	102	101	98,8	89,4	88,2	84,7	78,1	77,3	74,9	72,6	68,7	67,9	66,9	65,6	59,3	58,5	56,2
	34	129	127	124	120	113	112	110	108	97,9	96,6	92,7	83,1	82,3	79,8	77,3	73,2	72,3	71,3	69,8	63,2	62,3	59,9
	36	141	140	135	131	124	123	121	118	107	106	101	89,2	88,3	85,6	83,0	78,5	77,6	76,5	74,9	67,8	66,9	64,2
	38	150	149	144	140	132	131	129	126	114	113	108	93,3	92,3	89,5	86,7	82,1	81,1	79,9	78,3	70,9	70,0	67,2
	40	159	158	153	148	140	138	136	134	121	119	115	98,3	97,4	94,4	91,5	86,5	85,6	84,3	82,6	74,7	73,8	70,8
	45	175	174	168	163	154	153	150	147	133	132	126	102	101	98,3	95,2	90,1	89,1	87,8	86,0	77,8	76,8	73,7
	50	192	190	184	178	169	167	164	161	146	144	138	112	110	107	104	98,1	97,0	95,6	93,7	84,8	83,6	80,3
	55	211	209	202	196	186	183	181	177	160	158	152	117	115	112	108	103	101	100	97,9	88,6	87,4	83,9
	60	229	227	220	213	202	199	196	192	174	172	165	126	124	121	117	111	109	108	106	95,5	94,3	90,5
	65	247	245	237	230	218	215	212	208	188	186	178	154	153	148	143	136	134	132	129	117	116	111
	70	267	264	256	248	235	232	229	224	203	200	192	167	166	161	156	147	146	143	141	127	125	120
	75	285	282	273	265	251	248	244	239	217	214	205	178	177	171	166	157	155	153	150	136	134	128
	80	303	300	291	282	267	264	260	255	230	227	218											
	85	320	317	308	298	282	279	275	269	243	240	231											
	90	340	336	326	316	299	295	291	285	258	255	245											
	95	358	354	344	333	315	311	307	301	272	268	258											
	100	378	374	363	352	333	329	324	318	287	284	272											

TRICOMBI-2110 - SEED Kg/Ha

SEED		BEANS											RAPE										
1000 grain operating weight (g)		530											-										
Distributors position		WIDE											NARROW										
Mobile bottom lever position		4											1										
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	24,0	24,2	25,0	25,8	27,3	27,6	28,0	28,6	31,6	32,0	33,3
GEAR BOX	14	82,1	81,3	78,8	76,4	72,3	71,4	70,4	69,0	62,4	61,6	59,1	4,1	4,0	3,9	3,8	3,6	3,5	3,5	3,4	3,1	3,0	2,9
	16	98,3	97,4	94,4	91,5	86,5	85,6	84,3	82,6	74,7	73,8	70,8	5,4	5,3	5,2	5,0	4,7	4,7	4,6	4,5	4,1	4,0	3,8
	18	117	115	112	108	103	101	100	97,9	88,6	87,4	83,9	6,1	6,0	5,8	5,7	5,4	5,3	5,2	5,1	4,6	4,6	4,3
	20	138	136	132	128	121	120	118	116	105	103	99,3	7,1	7,0	6,8	6,6	6,2	6,2	6,1	6,0	5,4	5,3	5,1
	22	154	153	148	143	136	134	132	129	117	116	111	8,6	8,5	8,3	8,0	7,6	7,5	7,4	7,2	6,5	6,5	6,1
	24	170	169	164	158	150	148	146	143	129	128	123	9,8	9,7	9,4	9,1	8,7	8,6	8,4	8,3	7,5	7,4	7,0
	26	195	193	187	181	171	169	167	164	148	146	140	10,8	10,7	10,4	10,1	9,5	9,4	9,3	9,1	8,2	8,1	7,7
	28	213	211	204	198	187	185	182	179	162	160	153	12,6	12,4	12,1	11,7	11,1	10,9	10,8	10,6	9,6	9,4	9,0
	30	231	229	222	215	203	201	198	194	176	173	166	14,3	14,2	13,7	13,3	12,6	12,4	12,3	12,0	10,9	10,7	10,2
	32	251	249	241	234	221	219	216	211	191	189	181	15,5	15,4	14,9	14,4	13,6	13,5	13,3	13,0	11,8	11,6	11,1
	34	269	266	258	250	236	234	230	226	204	201	193	17,0	16,9	16,4	15,8	15,0	14,8	14,6	14,3	12,9	12,8	12,1
	36	292	289	280	272	257	254	250	245	222	219	210	19,1	18,9	18,3	17,7	16,8	16,6	16,3	16,0	14,5	14,3	13,6
	38												20,8	20,6	20,0	19,3	18,3	18,1	17,8	17,5	15,8	15,6	14,8
	40												22,9	22,7	22,0	21,3	20,2	19,9	19,6	19,2	17,4	17,2	16,3
	45												25,0	24,8	24,0	23,3	22,0	21,8	21,5	21,0	19,0	18,8	17,8
	50												28,1	27,8	27,0	26,1	24,7	24,4	24,1	23,6	21,3	21,1	20,0
	55																						
	60																						
	65																						
	70																						
	75																						
	80																						
	85																						
	90																						
	95																						
	100																						

TRICOMBI-2110 - SEED Kg/Ha

SEED		SAINFOIN											VETCHES										
1000 grain operating weight (g)		19											44										
Distributors position		NARROW											WIDE										
Mobile bottom lever position		3											2										
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7
GEAR BOX	14	24,3	24,1	23,4	22,6	21,4	21,2	20,9	20,4	18,5	18,2	17,5	77,0	76,3	74,0	71,7	67,8	67,0	66,0	64,7	58,6	57,8	55,5
	16	30,4	30,1	29,2	28,3	26,8	26,5	26,1	25,5	23,1	22,8	21,9	93,3	92,3	89,5	86,7	82,1	81,1	79,9	78,3	70,9	70,0	67,2
	18	35,5	35,1	34,1	33,0	31,2	30,9	30,4	29,8	27,0	26,6	25,5	113	111	108	105	99,0	97,9	96,5	94,5	85,5	84,4	81,0
	20	40,6	40,1	38,9	37,7	35,7	35,3	34,8	34,1	30,8	30,4	29,2	130	128	125	121	114	113	111	109	98,6	97,3	93,4
	22	44,6	44,2	42,8	41,5	39,3	38,8	38,2	37,5	33,9	33,5	32,1	150	149	144	140	132	131	129	126	114	113	108
	24	49,7	49,2	47,7	46,2	43,7	43,2	42,6	41,7	37,8	37,3	35,8	165	164	159	154	145	144	142	139	126	124	119
	26	55,8	55,2	53,5	51,9	49,1	48,5	47,8	46,8	42,4	41,8	40,1	180	179	173	168	159	157	155	152	137	135	130
	28	61,8	61,2	59,4	57,5	54,4	53,8	53,0	51,9	47,0	46,4	44,5	204	202	196	190	179	177	175	171	155	153	147
	30	68,9	68,2	66,2	64,1	60,7	60,0	59,1	57,9	52,4	51,7	49,6	225	223	216	209	198	196	193	189	171	169	162
	32	7,1	7,0	6,8	6,6	6,2	6,2	6,1	6,0	5,4	5,3	5,1	236	234	227	220	208	206	202	198	180	177	170
	34	85,2	84,3	81,8	79,2	74,9	74,1	73,0	71,5	64,7	63,9	61,3	261	258	250	242	229	227	223	219	198	195	188
	36	95,3	94,3	91,5	88,6	83,9	82,9	81,7	80,0	72,4	71,5	68,6											
	38	99,4	98,4	95,4	92,4	87,4	86,4	85,2	83,5	75,5	74,5	71,5											
	40	106	105	102	99,0	93,7	92,6	91,2	89,4	80,9	79,8	76,6											
	45	119	117	114	110	104	103	102	99,6	90,1	89,0	85,4											
	50																						
	55																						
	60																						
	65																						
	70																						
	75																						
	80																						
	85																						
	90																						
	95																						
	100																						

TRICOMBI-2110 - SEED Kg/Ha

SEED		RAY-GRAS											LUCERNE									
1000 grain operating weight (g)		-											-									
Distributors position		NARROW											NARROW									
Mobile bottom lever position		1											1									
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7	12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7
GEAR BOX	14												13,8	13,6	13,2	12,8	12,1	12,0	11,8	11,6	10,5	10,3	9,9
	16												16,8	16,7	16,2	15,7	14,8	14,6	14,4	14,1	12,8	12,6	12,1
	18												20,4	20,2	19,6	19,0	17,9	17,7	17,5	17,1	15,5	15,3	14,7
	20												23,0	22,8	22,1	21,4	20,3	20,0	19,7	19,3	17,5	17,3	16,6
	22												26,4	26,1	25,3	24,5	23,2	22,9	22,6	22,1	20,0	19,8	19,0
	24												28,5	28,2	27,3	26,5	25,1	24,8	24,4	23,9	21,7	21,4	20,5
	26	10,2	10,1	9,8	9,5	9,0	8,9	8,8	8,6	7,8	7,7	7,4	31,1	30,8	29,9	28,9	27,4	27,1	26,7	26,1	23,7	23,3	22,4
	28	11,5	11,3	11,0	10,7	10,1	10,0	9,8	9,6	8,7	8,6	8,2	35,4	35,0	34,0	32,9	31,1	30,8	30,3	29,7	26,9	26,5	25,5
	30	12,7	12,5	12,2	11,8	11,2	11,0	10,9	10,6	9,6	9,5	9,1	38,0	37,6	36,5	35,4	33,5	33,1	32,6	31,9	28,9	28,5	27,4
	32	14,2	14,1	13,6	13,2	12,5	12,3	12,2	11,9	10,8	10,6	10,2	41,5	41,0	39,8	38,6	36,5	36,1	35,5	34,8	31,5	31,1	29,9
	34	15,3	15,2	14,7	14,2	13,5	13,3	13,1	12,9	11,6	11,5	11,0	44,9	44,5	43,1	41,8	39,5	39,1	38,5	37,7	34,1	33,7	32,3
	36	16,8	16,7	16,2	15,7	14,8	14,6	14,4	14,1	12,8	12,6	12,1	48,4	47,9	46,4	45,0	42,6	42,1	41,4	40,6	36,8	36,3	34,8
	38	18,2	18,1	17,5	17,0	16,1	15,9	15,6	15,3	13,9	13,7	13,1	53,0	52,5	50,9	49,3	46,7	46,1	45,4	44,5	40,3	39,8	38,2
	40	19,2	19,0	18,4	17,8	16,9	16,7	16,4	16,1	14,6	14,4	13,8	59,9	59,3	57,5	55,7	52,7	52,1	51,4	50,3	45,5	44,9	43,1
	45	20,4	20,2	19,6	19,0	17,9	17,7	17,5	17,1	15,5	15,3	14,7	64,5	63,8	61,9	60,0	56,7	56,1	55,3	54,2	49,0	48,4	46,4
	50	22,1	21,9	21,2	20,6	19,4	19,2	18,9	18,6	16,8	16,6	15,9	72,6	71,9	69,7	67,5	63,9	63,2	62,2	61,0	55,2	54,4	52,3
	55	24,2	24,0	23,3	22,5	21,3	21,1	20,8	20,4	18,4	18,2	17,4	76,0	75,3	73,0	70,7	66,9	66,2	65,2	63,9	57,8	57,0	54,7
	60	27,2	26,9	26,1	25,3	23,9	23,6	23,3	22,8	20,6	20,4	19,6	81,8	81,0	78,5	76,1	72,0	71,2	70,1	68,7	62,2	61,4	58,9
	65	32,2	31,9	30,9	30,0	28,4	28,0	27,6	27,1	24,5	24,2	23,2											
	70	36,6	36,2	35,1	34,0	32,2	31,8	31,4	30,7	27,8	27,4	26,4											
	75	46,1	45,7	44,3	42,9	40,6	40,1	39,5	38,7	35,1	34,6	33,2											
	80																						
	85																						
	90																						
	95																						
	100																						

TRICOMBI-2110 - SEED Kg/Ha												
SEED		SPINACH										
1000 grain operating weight (g)		12										
Distributors position		NARROW										
Mobile bottom lever position		1										
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7
GEAR BOX	14	6,0	5,9	5,7	5,6	5,3	5,2	5,1	5,0	4,5	4,5	4,3
	16	7,1	7,0	6,8	6,6	6,2	6,2	6,1	6,0	5,4	5,3	5,1
	18	8,9	8,8	8,6	8,3	7,9	7,8	7,6	7,5	6,8	6,7	6,4
	20	10,6	10,5	10,2	9,9	9,4	9,3	9,1	8,9	8,1	8,0	7,7
	22	12,7	12,5	12,2	11,8	11,2	11,0	10,9	10,6	9,6	9,5	9,1
	24	14,2	14,1	13,6	13,2	12,5	12,3	12,2	11,9	10,8	10,6	10,2
	26	15,9	15,8	15,3	14,8	14,0	13,8	13,6	13,4	12,1	11,9	11,5
	28	17,6	17,5	16,9	16,4	15,5	15,3	15,1	14,8	13,4	13,2	12,7
	30	19,4	19,2	18,6	18,0	17,0	16,8	16,6	16,3	14,7	14,5	13,9
	32	21,2	21,0	20,3	19,7	18,6	18,4	18,2	17,8	16,1	15,9	15,3
	34	22,8	22,6	21,9	21,2	20,1	19,8	19,6	19,2	17,3	17,1	16,4
	36	24,2	24,0	23,3	22,5	21,3	21,1	20,8	20,4	18,4	18,2	17,4
	38	26,5	26,2	25,4	24,6	23,3	23,0	22,7	22,2	20,1	19,8	19,1
	40	31,1	30,8	29,9	28,9	27,4	27,1	26,7	26,1	23,7	23,3	22,4
	45	35,3	34,9	33,9	32,8	31,0	30,7	30,2	29,6	26,8	26,5	25,4
	50	39,1	38,7	37,6	36,4	34,4	34,0	33,5	32,9	29,7	29,3	28,2
	55	47,2	46,8	45,4	43,9	41,6	41,1	40,5	39,7	35,9	35,4	34,0
	60											
	65											
	70											
	75											
	80											
	85											
	90											
	95											
	100											

TRICOMBI-2110 - FERTILIZER Kg/Ha												
Width between tine coulters (cm)		12,0	12,1	12,5	12,9	13,6	13,8	14,0	14,3	15,8	16,0	16,7
GEAR BOX	0	0	0	0	0	0	0	0	0	0	0	0
	2	35	35	34	33	31	31	30	30	27	26	25
	5	92	91	89	86	81	80	79	77	70	68	64
	7	138	136	132	128	121	120	118	116	105	102	95
	10	198	196	190	184	174	172	169	166	150	147	137
	12	255	253	245	238	225	222	219	215	194	190	177
	15	317	314	305	295	279	276	272	267	241	236	219
	17	379	375	364	353	334	330	325	318	288	282	262
	20	445	441	427	414	392	387	381	374	338	330	308
	22	506	501	486	470	445	440	434	425	384	376	350
	25	574	568	551	534	505	499	492	482	436	426	397
	27	635	628	609	590	558	552	544	533	482	471	439
	30	708	701	679	658	623	616	607	594	538	525	489
	32	758	751	728	705	667	660	650	637	576	563	524
	35	830	822	797	772	731	722	712	697	631	616	574
	37	879	870	844	817	773	765	753	738	668	653	608
	40	951	941	913	884	837	827	815	799	723	706	657
	42	988	979	949	919	870	860	847	830	751	734	683
	45	1057	1047	1015	983	930	920	906	888	804	785	731
	47	1091	1080	1047	1014	960	949	935	916	829	810	754
	50	1137	1126	1092	1058	1001	990	975	955	864	845	786

INDICATED QUANTITIES SHOWN IN THE FOLLOWING TABLE SHOULD BE CONSIDERED FOR GUIDANCE ONLY, FORESEEN FLOWS CAN VARY DEPENDING ON THE ACCIDENTAL PRESENCE OF DISINFECTING PRODUCTS, UNEVEN SEED SIZE, DENSITY, HUMIDITY, ETC.

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ISO 9001
BUREAU VERITAS
Certification