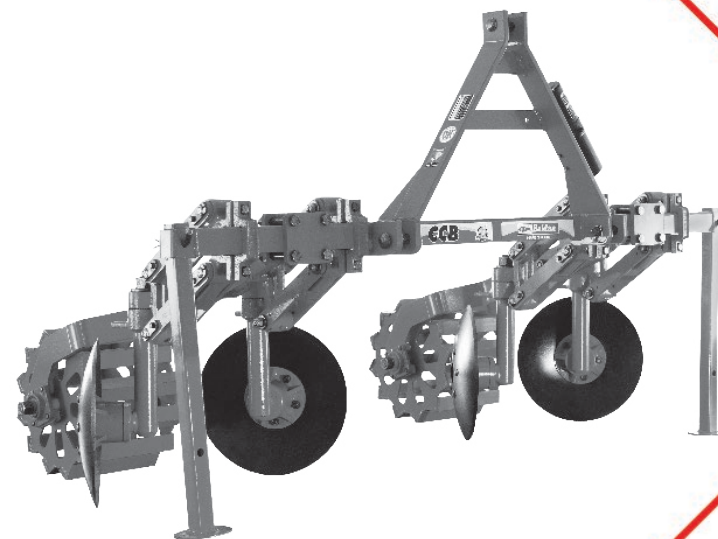
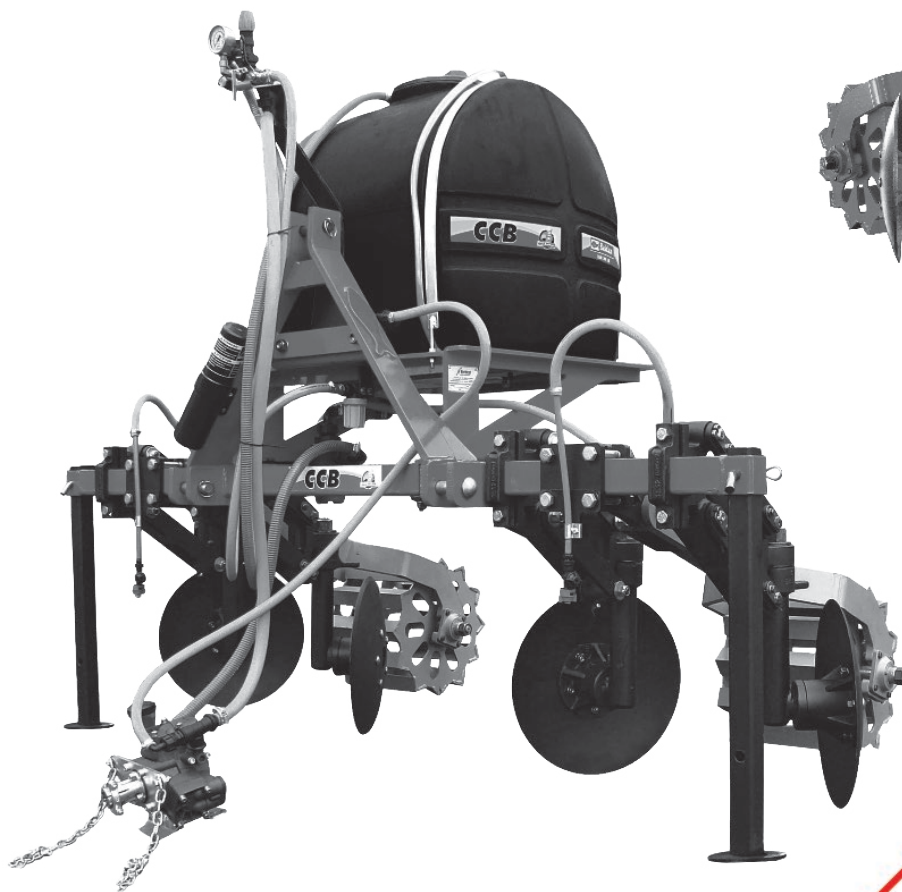


Instruction Manual



CCB

Fertilizer Distributor for Green Cane

 **BALDAN**

We appreciate your purchase and congratulate you for the excellent choice you just made because you have purchased a product manufactured with technology from **BALDAN IMPLEMENTOS AGRÍCOLAS S/A.**

This instruction manual will guide you through the procedures that are necessary since its acquisition up to the operating procedures of use, security and maintenance.

BALDAN ensures that has delivered this farming implement to the dealer in perfect conditions.

The dealer is responsible for the custody and maintenance of this farming implement and also for the assemblage, retightening, lubrication and overhaul.

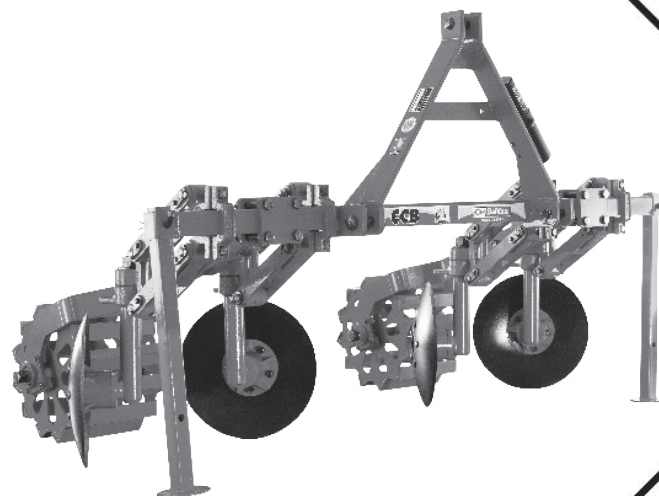
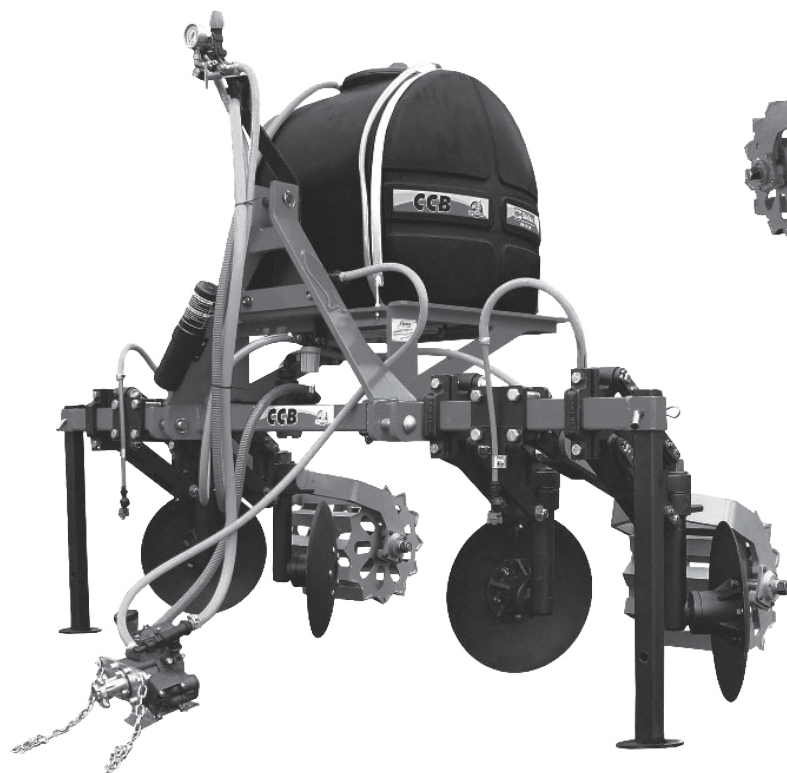
In the technical delivery, the dealer must advise the user on its maintenance, security, its obligations under any technical assistance, the strict observance of the guarantee and reading of the instruction manual.

Any request for technical assistance under warranty should be made to the dealer where it was purchased.

We reiterate the need for careful reading of the **Warranty Certificate** and observance of all items in this instruction manual, as doing so, the useful life of your farming implement will increase.



Instruction Manual



CCB

Fertilizer Distributor for Green Cane

BALDAN IMPLEMENTOS AGRÍCOLAS S/A.
CNPJ: 52.311.347/0009-06
Insc. Est.: 441.016.953.110



Scan the QR Code on the
identification plate of your
device and access this
Instruction Manual online.

 **BALDAN**

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WARRANTY OF THE PRODUCT

BALDAN IMPLEMENTOS AGRÍCOLAS S/A ensures the reseller normal performance of the implement for a period of six (6) months as of the delivery date on the retail invoice to the retail consumer.

During this period, **BALDAN** undertakes to repair defects in material and/or of manufacture of its liability, including labor, freight and other expenses of the reseller's liability.

In the warranty period, request and replacement of eventual defective parts shall be made to the reseller of the area, who will submit the faulty piece for **BALDAN** analysis.

When this procedure is not possible and the resolving capacity of the reseller is exhausted, the reseller will request the support of **BALDAN** Technical Assistance through a specific form distributed to resellers.

After analyzing the replaced items by Baldan Technical Assistance, and concluding that it is not a warranty, then the reseller will be responsible for the costs related to the replacement; as well as material expenses, travel including accommodation and meals, accessories, lubricant used and other expenses arising from the call out to Technical Assistance, and Baldan company is authorized to carry the respective invoice in the name of the resale.

Any repairment carried in the product within the reseller warranty deadline will only be authorized by **BALDAN** upon previous budget presentation describing parts and workforce to be executed.

The product is excluded from this term if it is repaired or modified by representatives not belonging to the **BALDAN** reseller network, as well as the application of non-genuine parts or components to the user's product.

This warranty is void where it is found that the defect or damage is caused by improper use of the product, failure to follow instructions or inexperience of the operator.

It is agreed that this warranty does not cover tires, polyethylene tanks, cardans, hydraulic components, etc., which are equipment guaranteed by their manufacturers.

Manufacturing and/or material defects, object of this warranty term, will not constitute, under any circumstances, grounds for termination of a purchase agreement, or for indemnification of any nature.

BALDAN reserves the right to change and/or perfect the technical characteristics of its products, without previous notice, and without obligation to proceed in the same way with the products previously manufactured.

GENERAL INFORMATION

OWNER

CCB instructions manual has the purpose of guiding the user on all parts of the product, functions, operations, and maintenances.

Before starting the works with **CCB**, carefully read the instructions manual and make sure to fully comprehend it. Read or explain all the procedures above to the operator who cannot read.

The instructions manual is an essential part of **CCB** and that is why it should be preserved and always be available to the operator for consultation, because behind all required information, use instructions, preservation over its service life and warranty certificate.

BALDAN IMPLEMENTOS AGRÍCOLAS S/A is not responsible for any damaged caused by accident due to usage, transportation, or in the improper or incorrect transportation of its implement, whether by negligence and/or inexperience of any person.

Only people with complete knowledge of the tractor and the implement should carry their transportation and operation.

BALDAN is not responsible for any damaged caused in unpredictable or unrelated situations to the normal use of the implement.

The incorrect handling of this equipment may result in severe or fatal accidents. Before running the equipment, carefully read the instructions contained in this manual. Make sure that the person responsible for the operation is instructed as the correct and safe handling. Also make sure that the operator has read and understood the instructions manual of the product.



NR-12 ATTACHMENT XI - MACHINES AND IMPLEMENTS FOR AGRICULTURAL AND FOREST USE.

This Attachment applies to the project steps, manufacturing, import, commercialization, exposure and assignment of stationary or non-stationary machinery and implements for agricultural and forest use, as well as to storage and drying machines and equipment and their conveyors, such as silos and dryers.

NR-31 - SAFETY AND HEALTH AT WORK IN AGRICULTURE, LIVESTOCK FORESTRY, FOREST EXPLORATION AND AQUACULTURE.

This Regulatory Standard has the purpose of establishing precepts to be observed in the organization and work environment, compatible to the planning and development of agriculture, livestock, forestry, forest exploitation and aquaculture with safety and health and work environment.

MR. OWNER OR OPERATOR OF THE EQUIPMENT.

Read and carefully comply with provisions of NR-31.

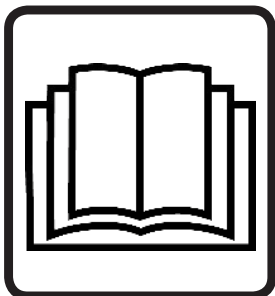
*More information, see the site and read in full NR-12 Attachment XI and NR-31.
<http://portal.mte.gov.br/legislacao/normas-regulamentadoras-1.htm>*



THIS SYMBOL INDICATES IMPORTANT SAFETY WARNING. IN THIS MANUAL, WHENEVER YOU FIND IT, READ THE FOLLOWING MESSAGE CAREFULLY AND PAY ATTENTION TO THE POSSIBILITY OF PERSONAL ACCIDENTS.



ATTENTION



- Carefully read the instructions manual to learn about the recommended safety practices.
- Regularly refer to the instruction manual.



ATTENTION



- Only start to operate the tractor when you are properly seated and with the seat belt locked.



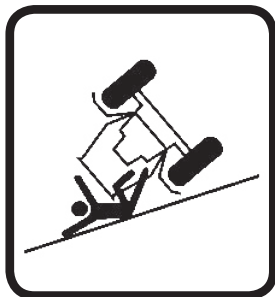
ATTENTION



- Do not work with the tractor if the front is light. Should there be a trend to lift, add weights or ballasts to the front or the front wheels.



ATTENTION



- There are risks of severe injuries due to tipping when working in sloped terrains.
- Do not over speed.



ATTENTION



- Do not transport people or equipment on the tractor.



ATTENTION

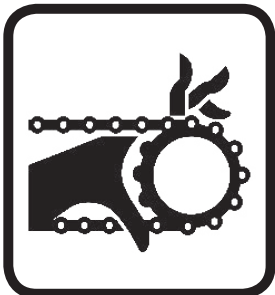


- Before performing any maintenance in your equipment, make sure it is properly stopped.
- Avoid being run over.

SAFETY RULES

SAFETY RULES

! ATTENTION



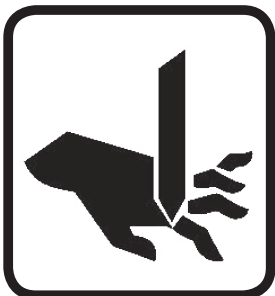
- Do not operate the distributor if the transmissions protections are not properly xated.
- Only remove the protections to replace gears and immediately reinstall them.
- When performing any service in the transmission of the distributor, disable the ratchets.
- Do not perform adjustments with the distributor n motion.

! ATTENTION



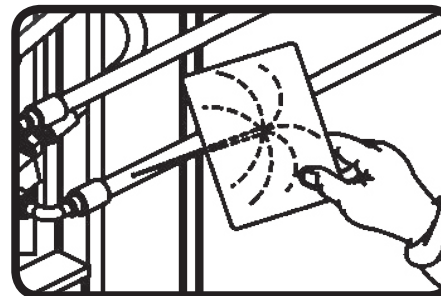
- Hydraulic oil works under pressure and may cause serious injuries if there are any leakages. Periodically check the conservation status of the hoses. If there are any sign of leakage, replace them immediately.
- Before connecting or disconnecting the hydraulic hoses, relief the system pressure by activating the control with the tractor power switched off.

! ATTENTION



- Always keep yourself distant from the active elements of the distributor (discs), they are sharp and may cause accidents.
- When performing any service in the discs, use safety gloves on the hands.

! ATTENTION



- When searching for a possible leakage on the hoses, use a piece of cardboard or wood, never use your hands.
- Avoid incision of uid in the skin.



FOLLOW ALL RECOMMENDATIONS, WARNINGS AND SAFE PRACTICES RECOMMENDED IN THIS MANUAL, UNDERSTAND THE IMPORTANCE OF YOUR SAFETY. ACCIDENTS MAY LEAD TO DISABILITY OR INCLUDING DEATH. REMEMBER, ACCIDENTS CAN BE AVOIDED!

! ATTENTION



- Never use chemicals (insecticides), without proper protection, thus avoiding contact with the skin.

! ATTENTION



- The degradation of the environment reflects on everyone. May our actions on a daily basis, viz. it. Make sure that product handling does not contribute to such degradation.

! ATTENTION



- Dispose residues inappropriately affects the environment and the ecology since you will be polluting rivers, canals or the soil.
- Inform yourself about the proper way of recycling or disposing residues.

PROTECT THE ENVIRONMENT!

! ATTENTION



- Always observe the recommendations on the packaging of the chemical before you buy it and before using it. By not reading these recommendations you may misuse the product, thereby affecting people, animals, and yourself, causing serious illness or even death.
- When emptying the chemical packaging, do not throw into rivers or lakes, proceed as instructed on the packaging, without

information, contact the competent body in your region.























- Observe the recommendation of the triple wash in the chemical containers.



ALCOHOLIC BEVERAGE OR SOME MEDICATIONS MAY CAUSE LOSS OF REFLEXES AND CHANGE THE OPERATOR'S PHYSICAL CONDITIONS. FOR THIS REASON, NEVER OPERATE THIS EQUIPMENT UNDER ANY OF THESE SUBSTANCES.

SAFETY RULES

WARNINGS

- 01-  When operating the equipment, do not allow people to stay very close to it.
- 02-  In making any assembly and disassembly service in the discs, use safety gloves.
- 03-  Do not wear loose clothing as they can curl up on the equipment.
- 04-  When turning the tractor engine on, by properly seated in the operator's seat and aware of the correct and safe management both of tractor and implement. Always put the shifter in neutral, turn off the engine and put the hydraulic command in the neutral position.
- 05-  Do not turn on the engine indoors or without adequate ventilation, because the exhaust fumes are harmful.
- 06-  When maneuvering the tractor to the implement hitch, make sure to have the necessary room and that there is nobody very close. Make maneuvering in low gear and be prepared to brake in an emergency.
- 07-  Do not make adjustments with the implement in operation.
- 08-  When working on slopes, proceed with caution when trying to maintain the necessary stability. In case of unbalance, reduce the throttle and turn the wheels of the tractor to the side of the slope.
- 09-  Always drive the tractor at speeds compatible with safety, especially when working on uneven ground or slopes. Keep the tractor always engaged.
- 10-  When driving on roads, keep the tractor brake pedals interconnected and use safety signs.
- 11-  Do not operate the tractor if the front is light. If there is a tendency to rise, add weights on the front or front wheels.
- 12-  Leaving the tractor, put the shifter in neutral and apply the parking brake.
- 13-  Keep chemicals closed in a dry and ventilated place.
- 14-  Do not use chemicals for purposes other than those specified on the product label.
- 15-  Keep away children, untrained people or animals from application areas.
- 16-  Handle chemicals following recommendations from a qualified professional.
- 17-  Always handle chemicals in a ventilated area and use PPE recommended on the product label.
- 18-  Use application rate described on the product label.
- 19-  Never blow by mouth nozzles, valves or clogged hoses.
- 20-  Do not transport or store chemicals with food, drugs, people or animals.
- 21-  Make sure that rivers and lakes will not be contaminated when washing your equipment.
- 22-  In case of poisoning, call the doctor immediately bringing together the product label.

In case of doubts, refer to Post-Sale
Telephone: 0800-152577/ E-mail: posvenda@baldan.com.br

FERTILIZER DISTRIBUIDOR FOR GREEN CANE - CCB Without Spraying System

- 01 - Chassis
- 02 - Coupling pin cat. II
- 03 - Cutting Disc
- 04 - Harrowing roller
- 05 - Support bracket

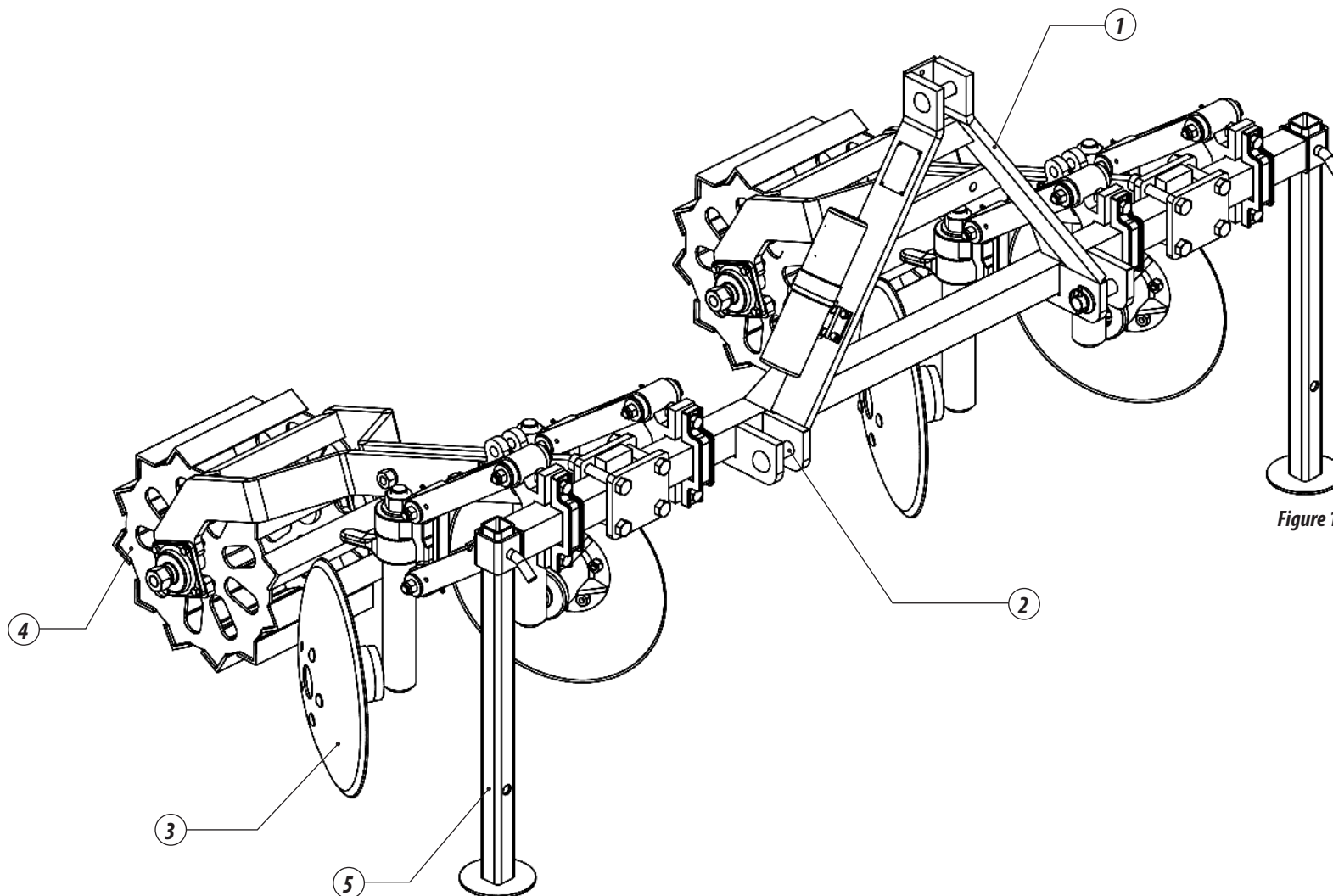


Figure 1

COMPONENTS

COMPONENTS

FERTILIZER DISTRIBUTOR FOR GREEN CANE - CCB With Spraying System

- 01 - Chassis
- 02 - Tank
- 03 - Tank Cover
- 04 - Handbook and Catalog container
- 05 - Support bracket
- 06 - Coupling pin cat. II
- 07 - Nozzle
- 08 - Gearbox Pump
- 09 - Cutting Disc
- 10 - Harrowing roller
- 11 - Hoses
- 12 - Valve Control
- 13 - Line Filter
- 14 - Tank Filter
- 15 - Tank Level Indicator Hose

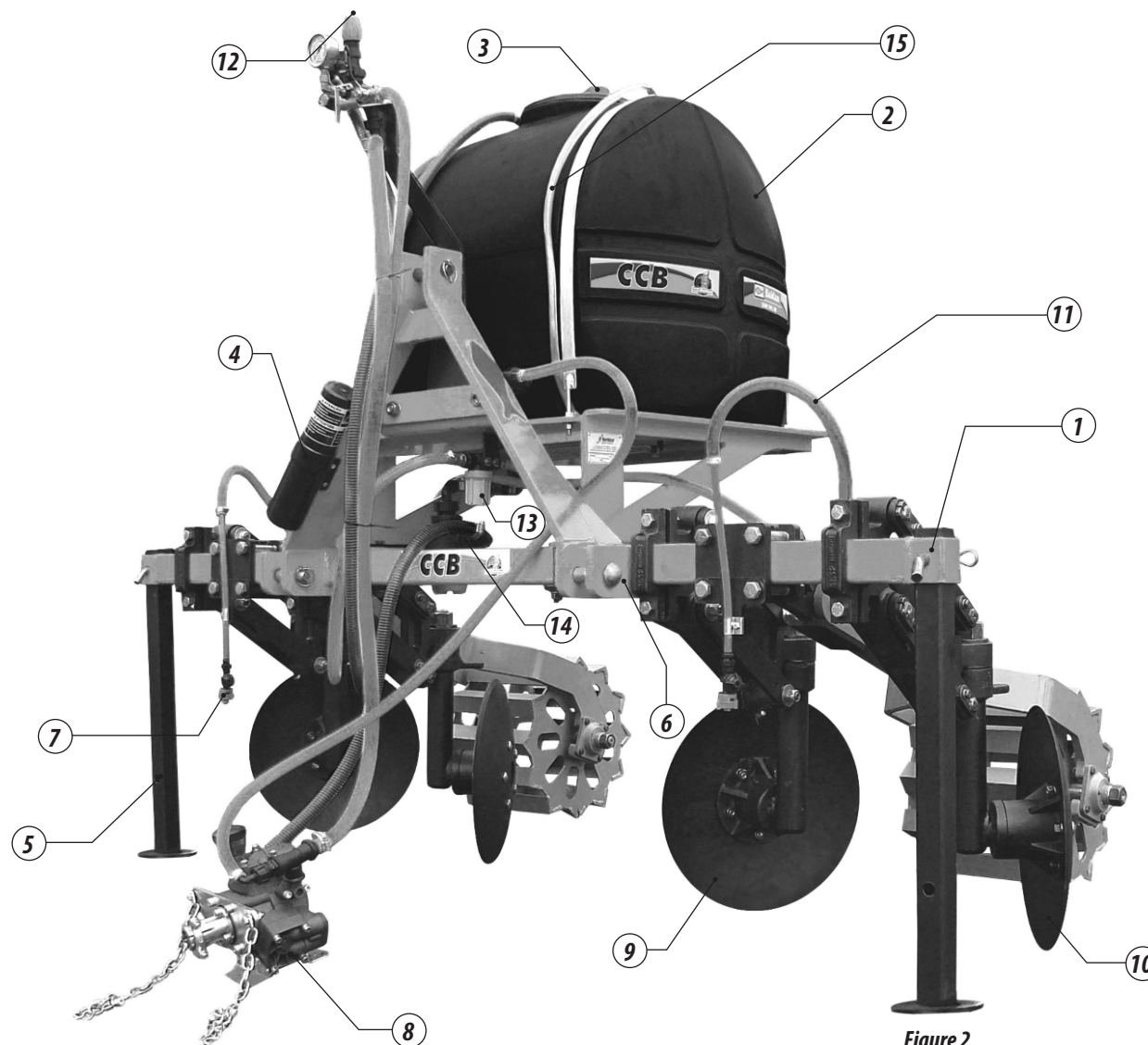


Figure 2

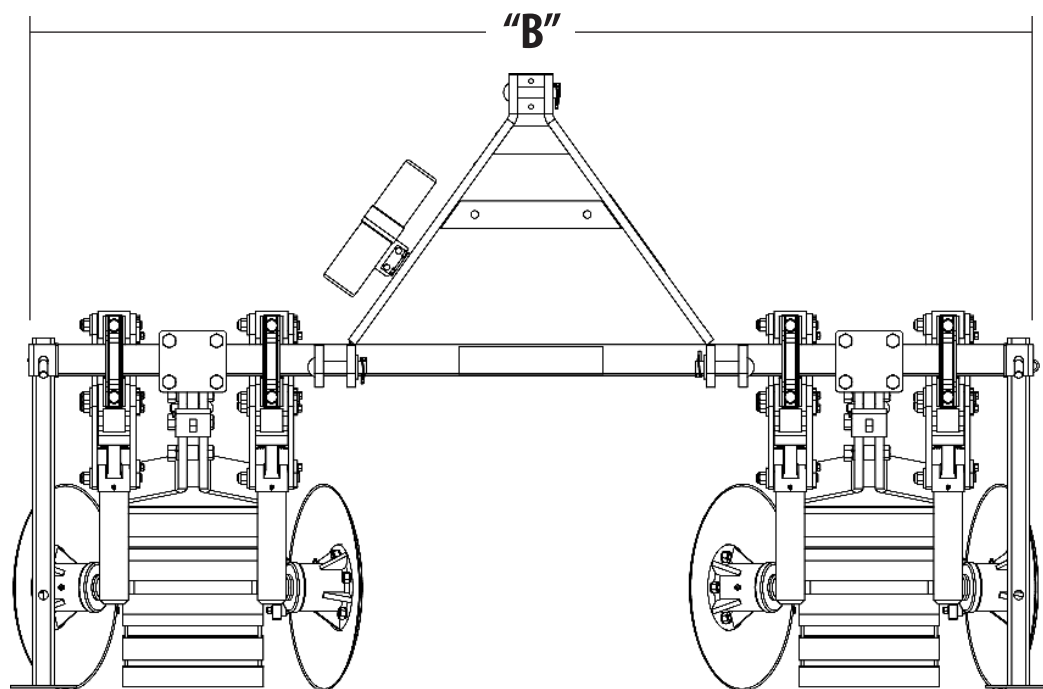
CCB - FERTILIZER DISTRIBUTOR FOR GREEN CANE - WITHOUT SPRAYING SYSTEM

Model	Nr of rows	Row Spacing (mm)	Total Width "B" (mm)	Total Height "C" (mm)	Hitch	Fertilizer Hopper (L)	Total Length "A" (mm)	Approx. Weight (Kg)	Required tractor Power (Hp)
CCB	2	1300 / 1400 / 1500 / 1700	2500	1280	Cat. II	300	1800	500	70

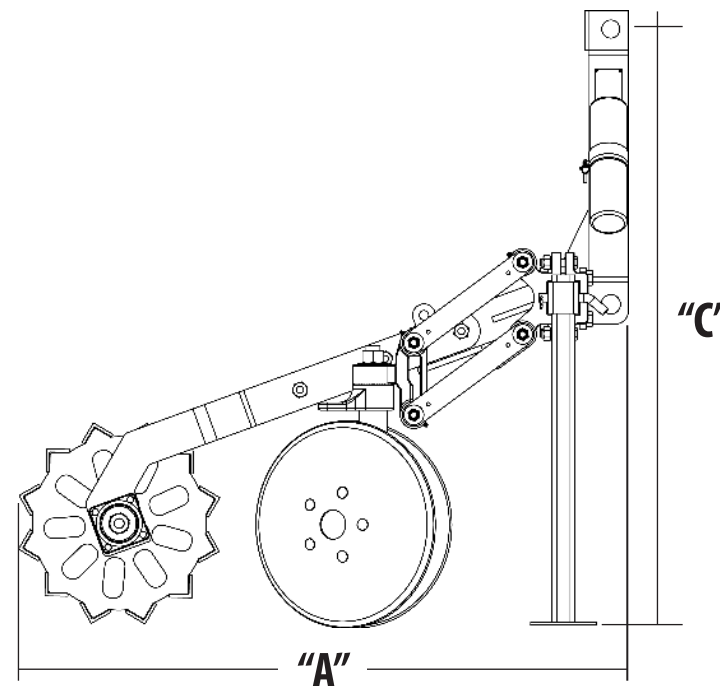
Baldan reserves the right to change technical specifications of this product without previous notice.

Table 1

The technical specifications are approximate and informed under normal working conditions.



Figures 3



TECHNICAL SPECIFICATIONS

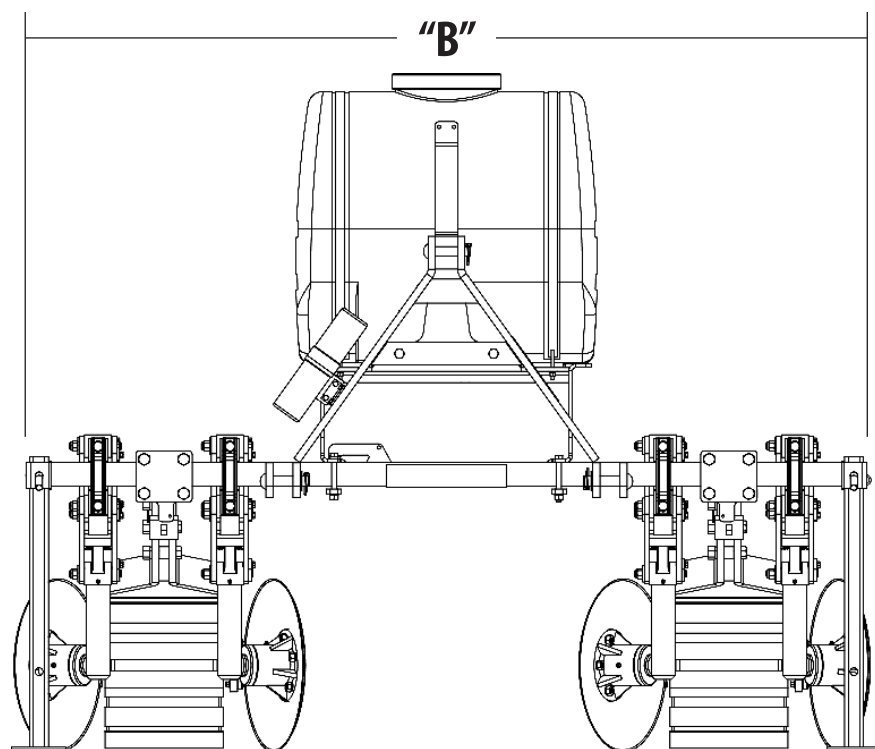
TECHNICAL SPECIFICATIONS

CCB - FERTILIZER DISTRIBUTOR FOR GREEN CANE - WITH SPRAYING SYSTEM

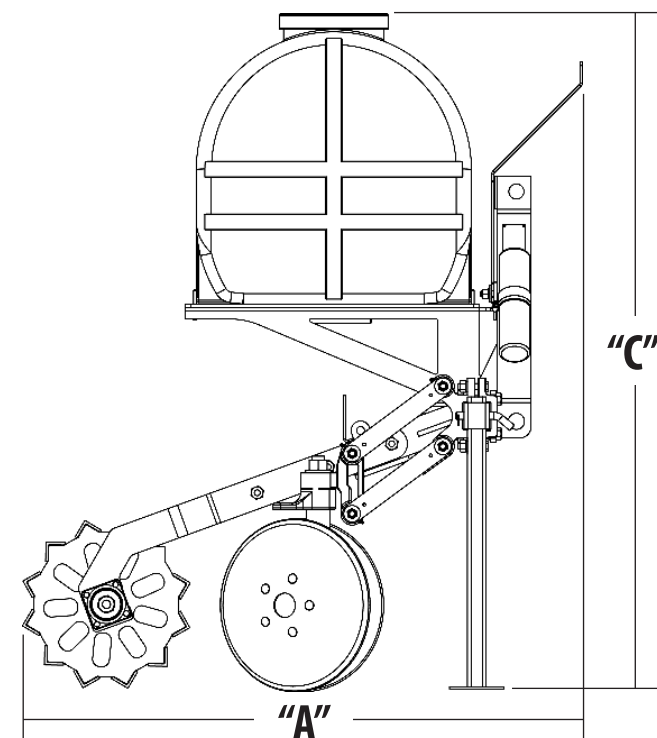
Model	Nr of rows	Row Spacing (mm)	Total Width "B" (mm)	Total Height "C" (mm)	Hitch	Fertilizer Hopper (L)	Total Length "A" (mm)	Approx. Weight (Kg)	Required tractor Power (Hp)
CCB	2	1300 / 1400 / 1500 / 1700	2500	1360	Cat. II	300	1800	500	70

Baldan reserves the right to change technical specifications of this product without previous notice.
The technical specifications are approximate and informed under normal working conditions.

Table 2



Figures 4



01 - The CCB is factory assembled. For purposes of replacement parts, assembly instructions follow below. Before starting the assembly of the CCB, check the parts with the parts list that is inside the packaging box.

02 - The simplest and safest procedure to assemble the CCB is to use trestle or the like.

ASSEMBLING THE STRUCTURE

01 - Attach the support bracket (1) in the structure (2), through the L pin (3) and lock (4).

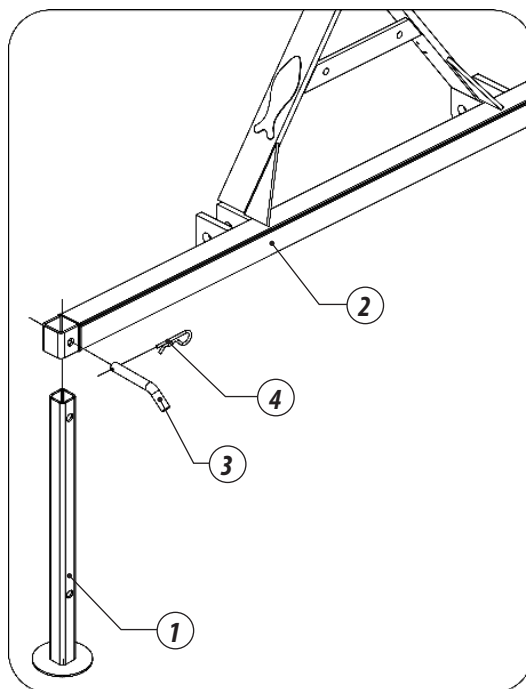


Figure 5

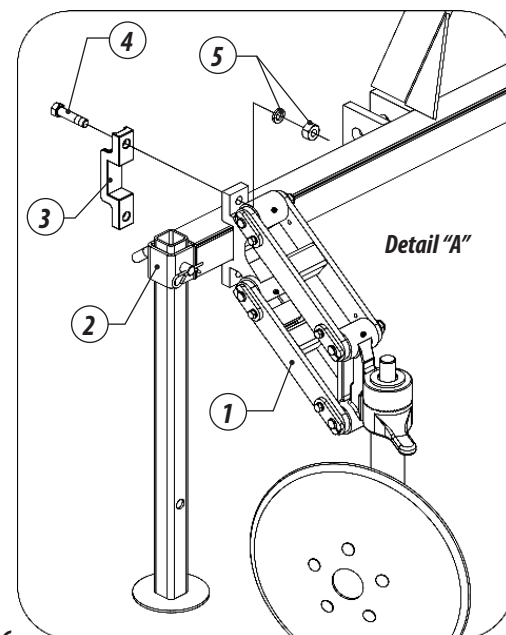
ASSEMBLING THE LINES

01 - Before starting the assembly of lines, look for the ideal room for the work to be done, then, proceed as follows:

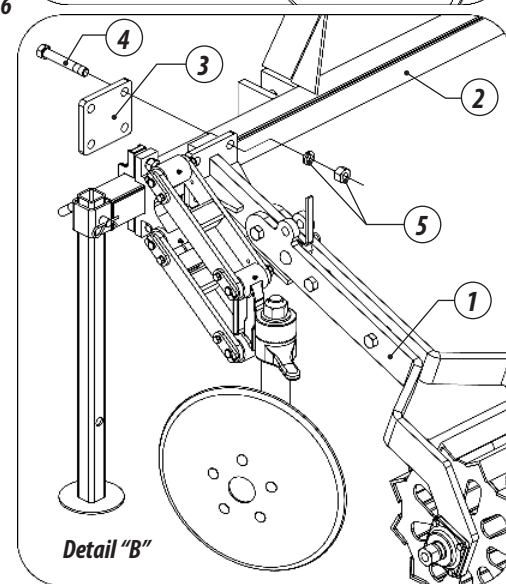
02 - Assemble the 1st part by placing the line (1) in the structure (2), place the clamp (3), screws (4) and lock it with washers and nuts (5), as shown in **detail "A"**.

NOTE

Each line consists of 3 individual parts that must be assembled piece by piece as instructed.



Figures 6



03 - Then, assemble the 2nd part by placing the line (1) in the structure (2), place the plate (3), screws (4) and lock it with washers and nuts (5), as shown in **detail "B"**.

ASSEMBLY

ASSEMBLY

ASSEMBLING THE LINES

- 04 - Finalize assembling the 3rd part by placing the line (1) in the structure (2), place the clamp (3), screws (4) and lock it with washers and nuts (5) as shown in the detail "C".

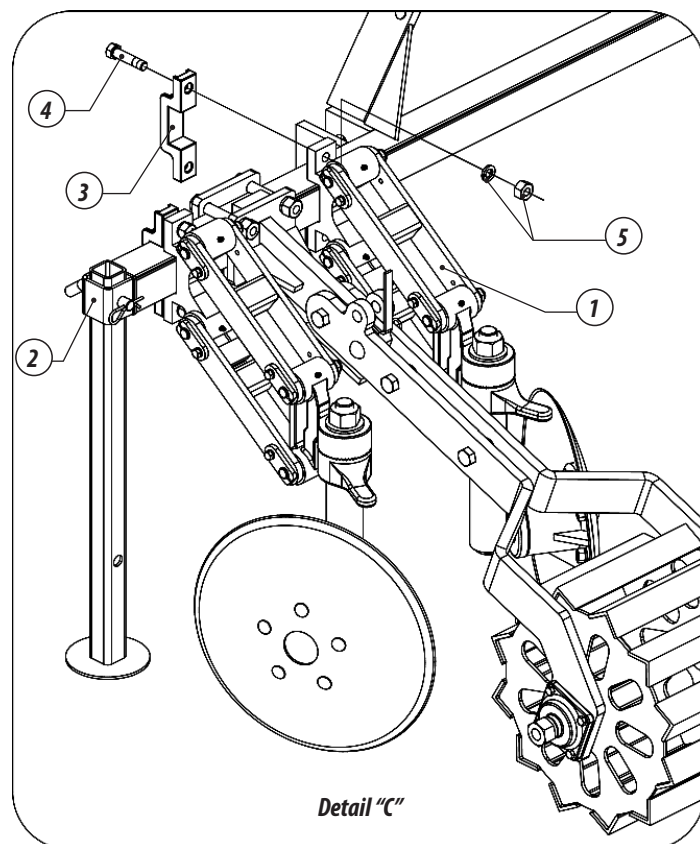


Figure 6

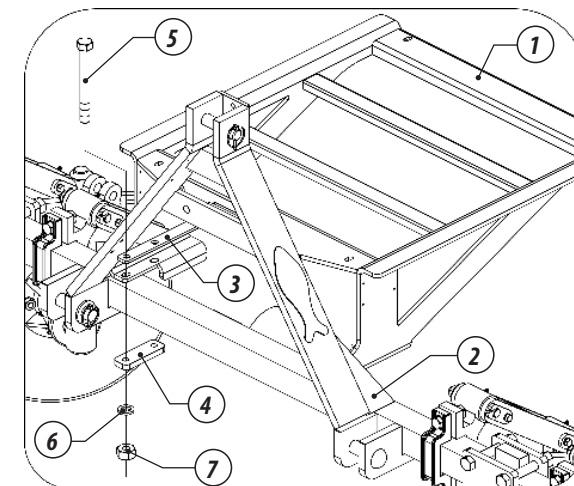


Tighten all screws in the first 5 hours of work for metal adjustments.
Then, do the tightening daily.

ASSEMBLING THE TANK

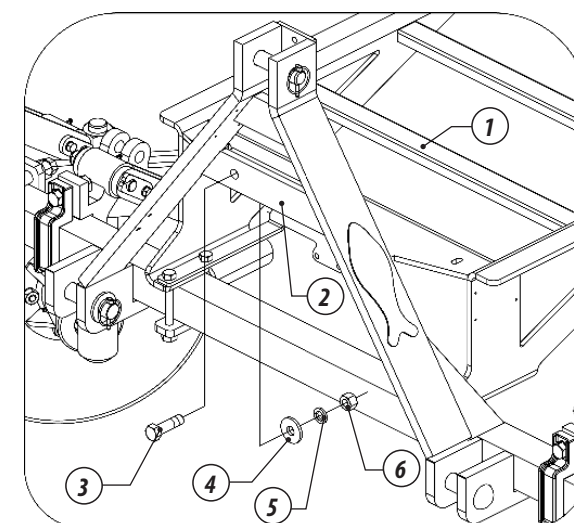
- By finishing the assembly of lines, start assembling the tank. For this, proceed as follows:

- 01 - Attach the tank support (1) in the structure (2), place the filter support (3) and lock the support plate (4) with the screw (5), pressure washer (6) and nut (7).

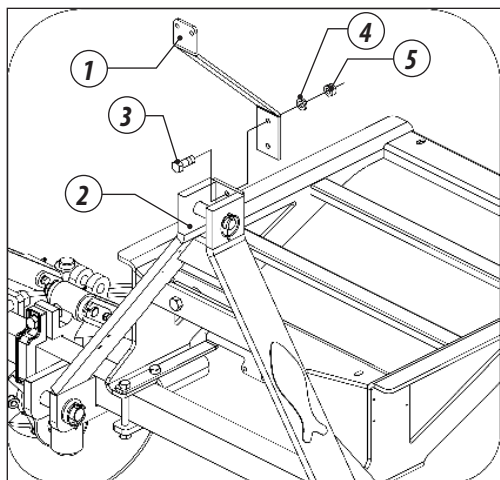


Figures 7

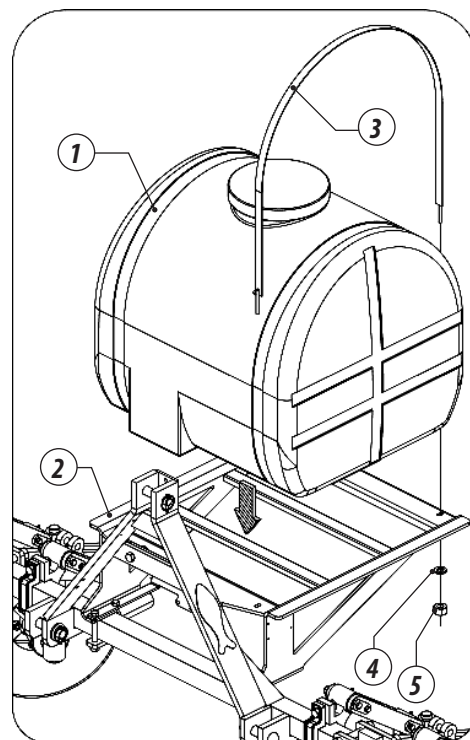
- 02 - Then, lock the tank bracket (1) in the structure (2) through screw (3), flat washer (4), spring washer (5) and nut (6).



ASSEMBLING THE TANK



Figures 7

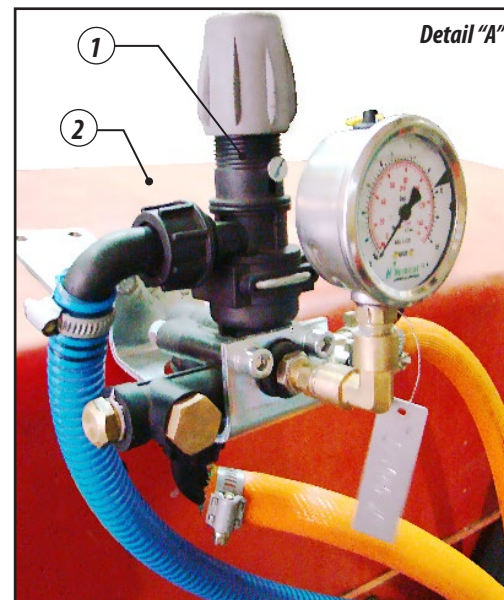


04 - Finally, place the tank (1) on the bracket (2) and lock it with the support bracket (3), pressure washer (4) and nut (5).

03 - Attach the support of the valve control (1) in the structure (2) through the screw (3), pressure washer (4) and nut (5).

ASSEMBLING THE VALVE CONTROL

• When assembling the valve control, choose one of the locations below and proceed as follows:



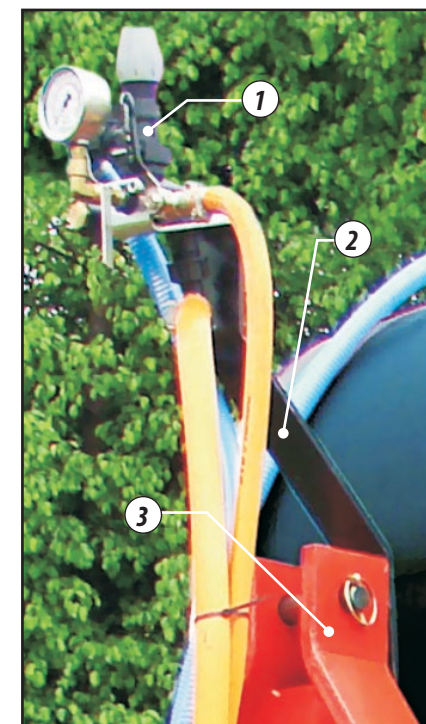
Detail "A"

01 - Attach the valve control (1) in the tractor fender (2), as shown in **detail "A"**.

02 - Attach the valve control (1) on the valve control support (2), which is set on the structure (3) as shown in **detail "B"**.

Figures 8

Detail "B"



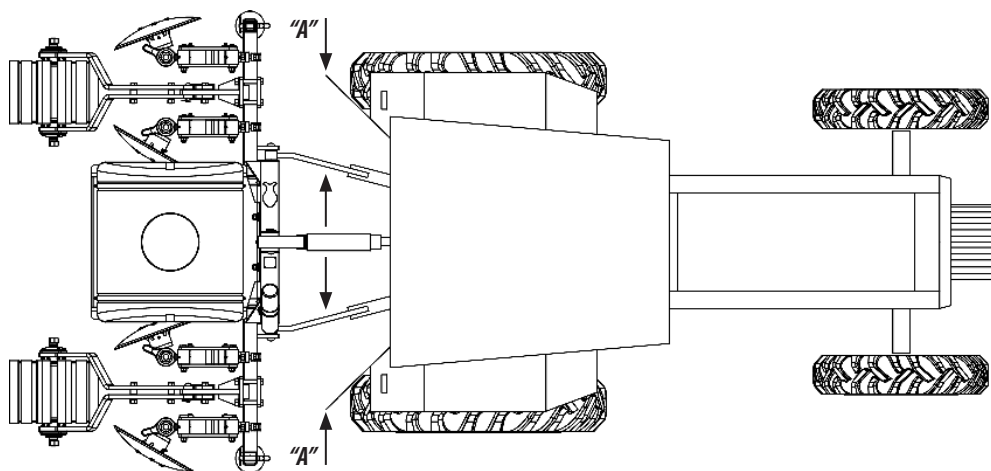
IMPORTANT

When assembling the valve control, choose the option above that is more practical for work.

ASSEMBLY

TRACTOR COUPLING

- To center the CCB in relation to the longitudinal axis of the tractor, find a flat place and proceed as follows:
- 01 - Align the upper hitch of the furrow with the 3rd point of the tractor, checking if the **distances "A"** of the lower arms of the hydraulic are equal in relation to the tractor tires. The lower arms must be leveled with each other.



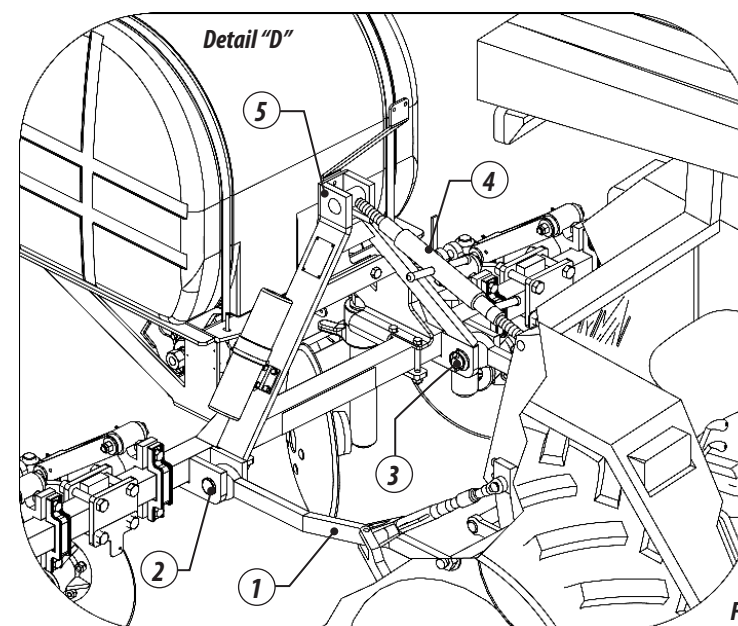
Figures 9



⚠ ATTENTION

More settings for coupling can be carried through the crank of the tractor's hydraulic arm. Detail "C", figure 09.

- 02 - Align the tractor to the furrow in idling speed. Approach the tractor in reverse until the hydraulic arms (1) of the tractor in lowered position are as aligned as possible to the coupling pins (2). Fit the eye of the tractor arms to the hitch pins (2) and place the lock (3). Then, connect the arm of the third point of the tractor (4) to the coupling header (5) of the grower according to **detail "C", figure 09.**



Figures 9

- 03 - When attaching the equipment, find a safe place and easy to access, always use low gear with low throttle.

🔧 IMPORTANT

If it is necessary to increase the arm length of the third point (4), you must do so by turning the body of the arm and not just the part of the eye. The arm of the third point (4) adjusts the attack angle of the rods to the ground, increasing or decreasing their depth.

MOUNTING THE GEARBOX PUMP

- For mounting the gearbox pump, proceed as follows:
- 01 - Attach the gearbox pump (1) on the tractor PTO (slotted shaft) (2). Then, lock the pump with the chains (3) through the screw, washer and nut (4).

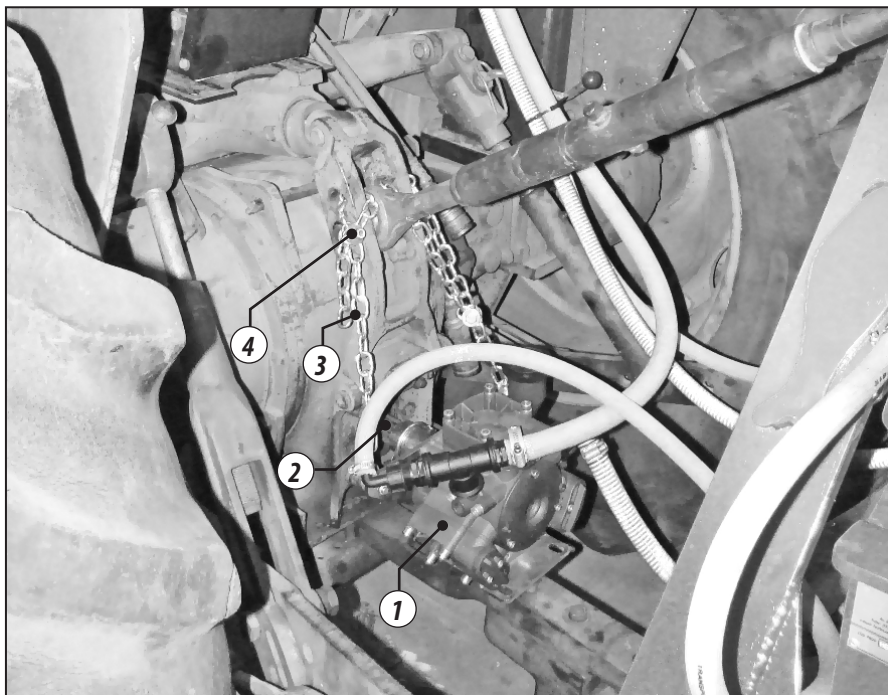


Figure 10

⚠ ATTENTION

When locking the gearbox pump with the chains, leave the left side of the pump stretched and the right side loose due to the clockwise rotation direction of the tractor PTO.

ASSEMBLY / ADJUSTMENT

LEVELING THE SUGARCANE COVERER

- For the CCB to work well, it must be leveled in both directions (transversal / longitudinal). Leveling in the transversal direction (width) is achieved by acting on both arms of the tractor hydraulic (1), so that they have the same length. Then, do the longitudinal leveling (length), acting on the connecting arm of the tractor 3rd point (2) increasing or decreasing its length. After you have made the above operations, proceed as follows:
- 01 - Note that the rods must be parallel to the ground.
- 02 - The working speed varies with soil conditions. An average **speed of 4-5 Km / hour is recommended.**

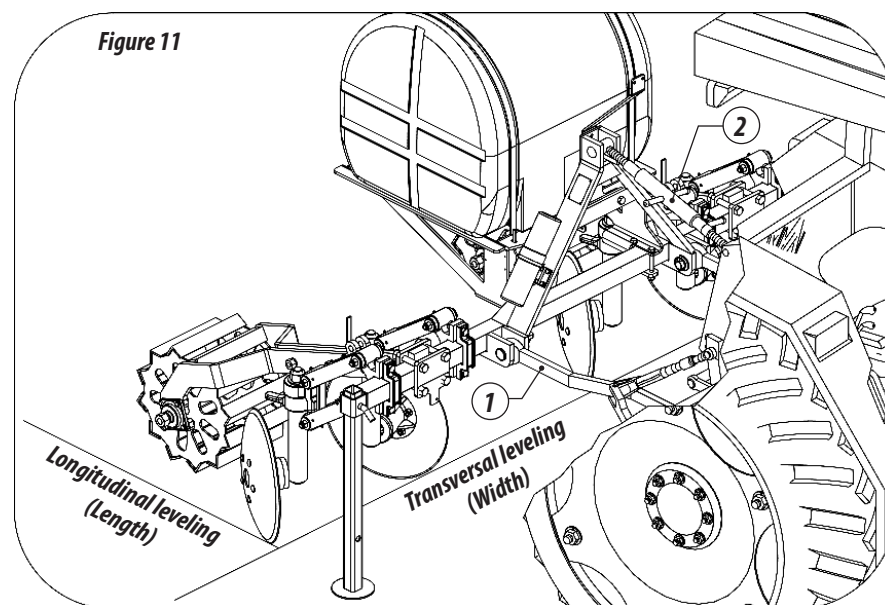


Figure 11



IMPORTANT

The chassis of the implement must be properly leveled in relation to the ground when working in depth.

ADJUSTMENT

ADJUSTING THE FURROW OPENING AND CLOSING ANGLE

- To adjust the furrow opening and closing angle, do the following:
- 01 - Loosen the nut (1) and give the opening or closing angle by spinning the flat disc (2) through the crank (3) to the desired position, then, tighten the nut (1).

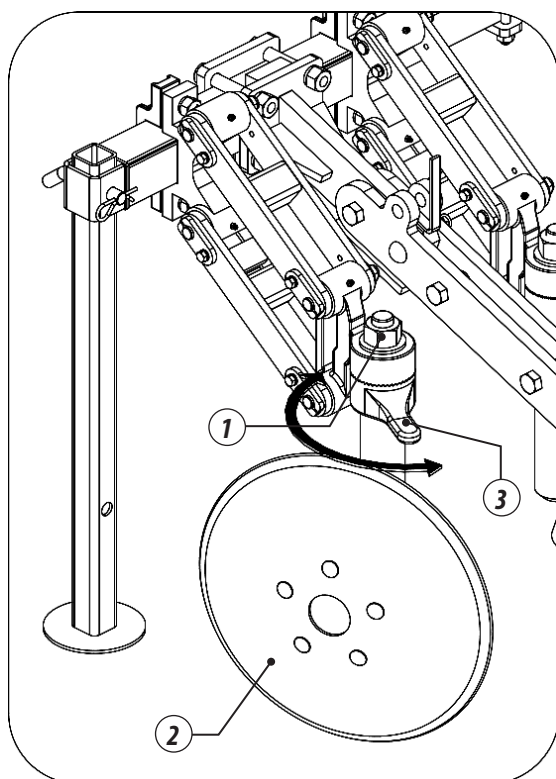


Figure 12

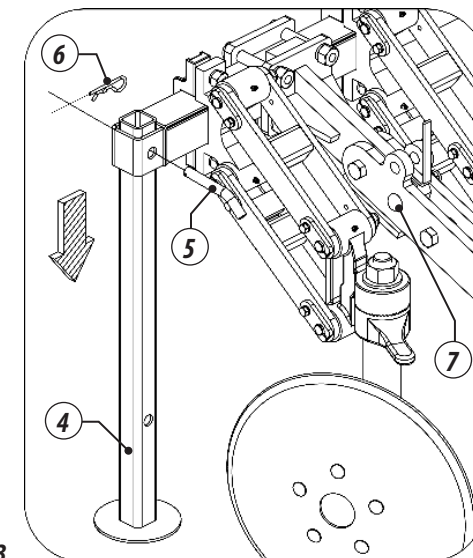


Before work or transporting the Coverer, check that the above procedures have been made.

ADJUSTMENT FOR TRANSPORTATION AND WORK

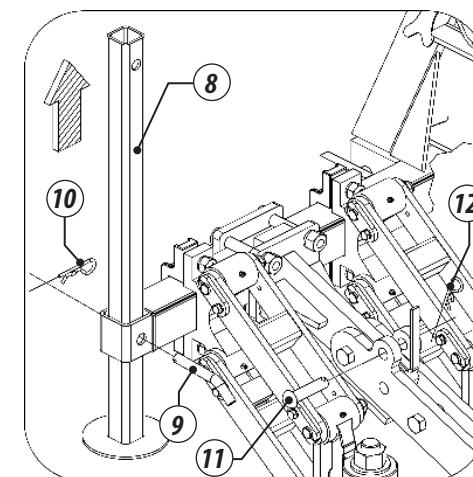
- Before work / transport of the CCB, do the following:

- 01 - When transporting the Coverer, lower support bracket (4), fixing with the L pin (5) and latch (6), then lock the line with the pin (7) as in **Detail "A"**.



Figures 13

- 02 - Before working with the Coverer, raise the support bracket (8), fixing with the L pin (9) and latch (10), then unlock the lines by changing the pin (11) and latch (12) according to **detail "B"**.



ADJUSTING THE SPRAYING PRESSURE

- 01 - You make the adjustment of the spraying pressure in the valve control (1), through the handle (2). Such pressure variation is achieved by opening and closing the valve control knob. To make this adjustment, proceed as follows:
- 02 - For higher spraying pressure, slowly open the valve control by turning the knob clockwise, checking in the pressure gauge (3) the pressure increase. To lower the spraying pressure, slowly close the control valve by turning the knob counter-clockwise, checking in the pressure gauge the pressure reduction.

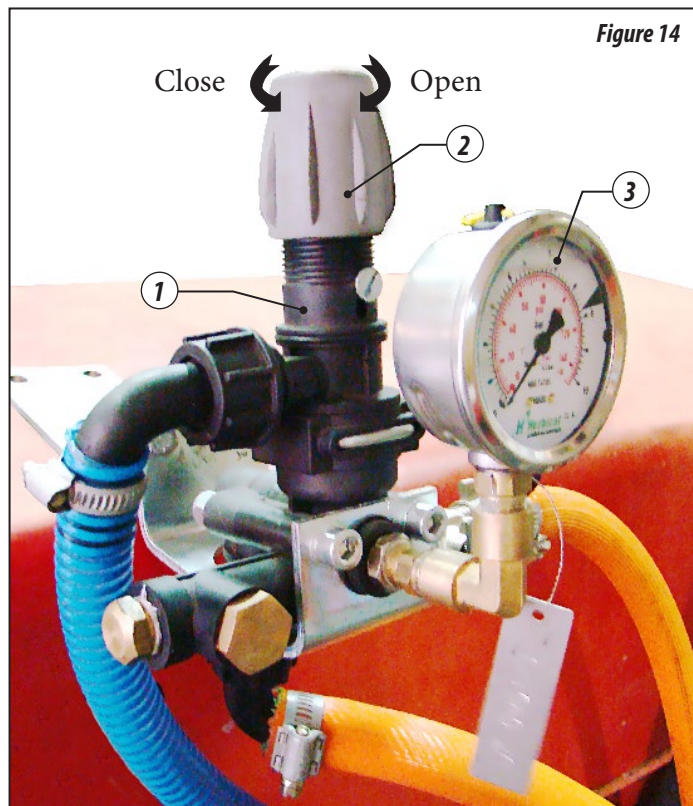


Figure 14

ADJUSTING THE SOLUTION OUTPUT VALVE

- 01 - You do the opening and closing of the solution in the valve (1) through the lever (2). To make this opening and closing, do the following:
- 02 - To open the valve (1), turn the lever (2) to ON position (open), and to close, turn the lever (2) to the OFF position (closed).

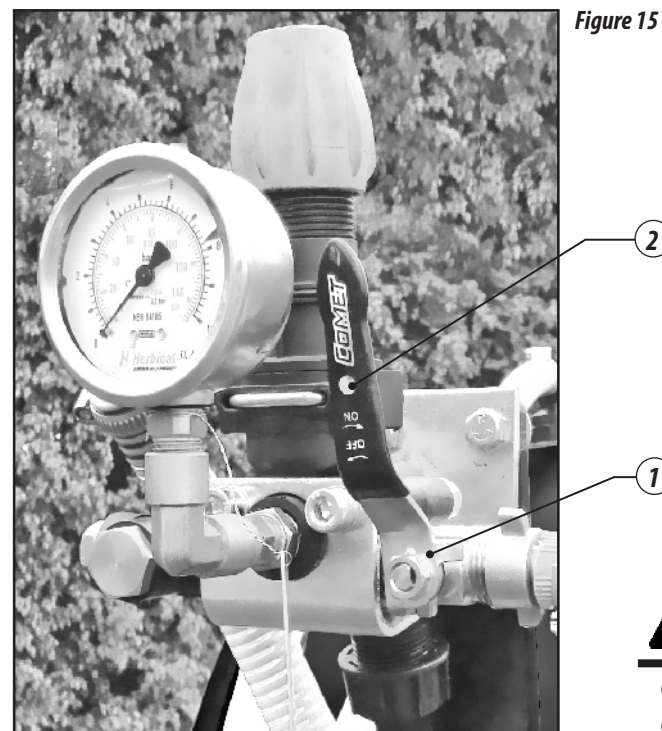


Figure 15

⚠ POSITION

ON: (Open)
OFF: (Closed)

⚠ IMPORTANT

Valve Opening: When starting the work and finishing the maneuver.
Valve Closing: When finishing work and starting the maneuver.

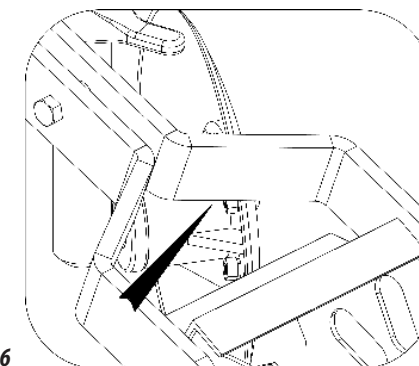
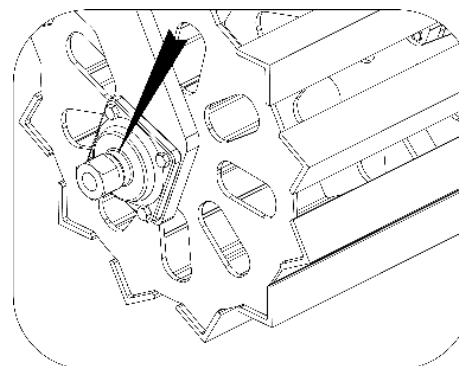
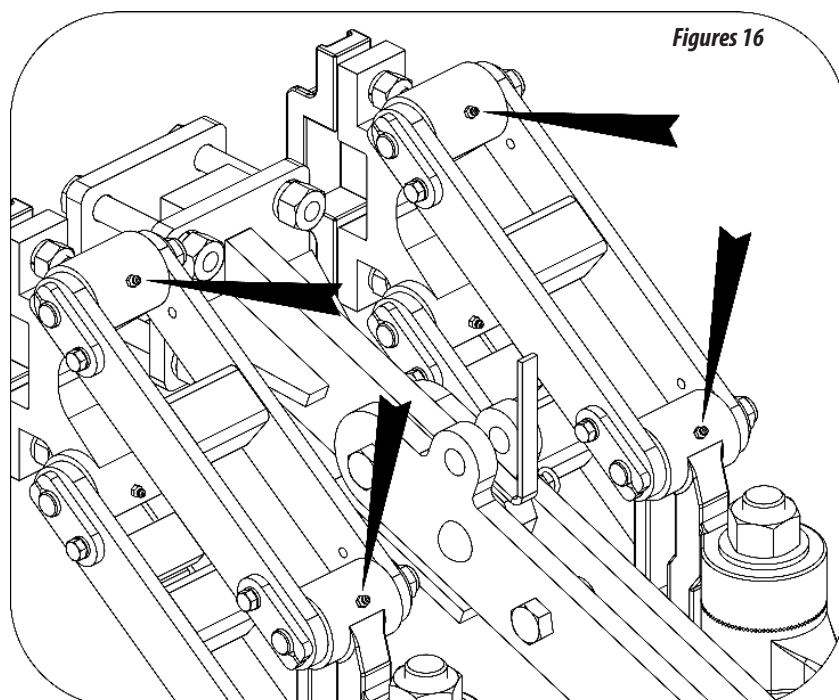
ADJUSTMENT

MAINTENANCE

LUBRICATION

- 01 - Lubrication is essential for a good performance and higher durability of moving parts of your grower, helping reducing maintenance cost.
- 02 - Before beginning operation, thoroughly lubricate all grease fittings, always observing lubrication intervals on the following pages.
- 03 - Make sure the lubricant is of good quality; avoid using products contaminated by water, dirt and other agents.

LUBRICATE DAILY



Figures 16

TABLE OF GREASE AND EQUIVALENTS

MANUFACTURER	TYPE OF GREASE RECOMMENDED
Petrobrás	Lubrax GMA 2
Atlantic	Litholine MP 2
Ipiranga	Super Graxa Ipiranga Ipiranga Super Graxa 2 Ipiflex 2
Castrol	LM 2
Mobil	Mobilgrease MP 77
Texaco	Marfak 2 Agrotex 2
Shell	Retinax A Alvania EP 2
Esso	Multipurpose grease H Litholine MP 2
Bardahl	Maxlub APG 2 EP

Table 3

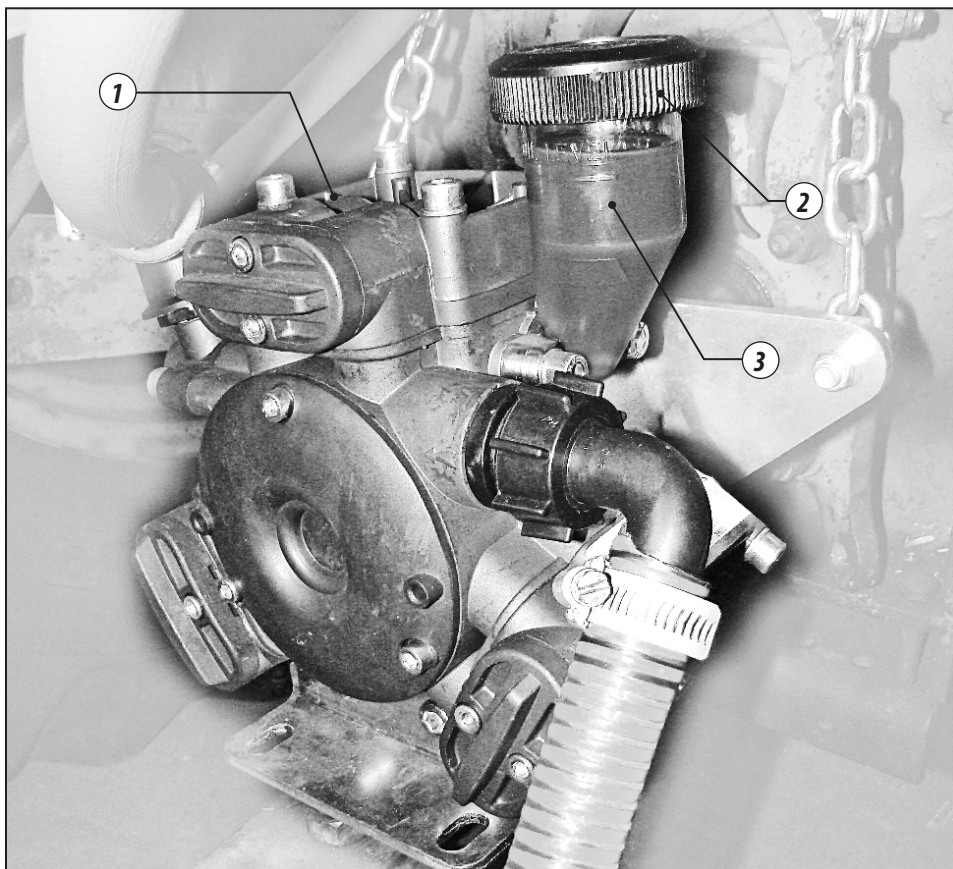


If there are other lubricants and / or equivalent greases not listed in this table, refer to the manufacturer's technical handbook.

OIL CHANGE

- 01 - To change the oil of the gearbox pump, do the following:
- 02 - Remove the plug located under the pump (1), let the oil run out and then replace the plug and open the cover (2), fill with the oil recommended below.
- 03 - Check the oil level daily through the viewfinder (3).

Figure 17



MAINTENANCE

⚠ ATTENTION

The gearbox pump flow is from 38 to 40 nominal liters.

🔍 IMPORTANT

Make the first oil change in the gearbox pump within 300 hours of work, after the first exchange, make preventive changes. The oil recommended for the gearbox pump is SAE 20W40.

TABLE OF OIL AND EQUIVALENTS

MANUFACTURER	TYPE OF GREASE RECOMMENDED
Petrobrás	Lubrax MG-4 20W40
Ipiranga	F-1 Super 20W40 GP Super 20W40
Mobil	Mobil Super 20W40
Texaco	Havoline Super Premio 20W40
Shell	Helix 20W40
Esso	Esso Extra 20W40

Table 4



If there are other lubricants and / or equivalent greases not listed in this table, refer to the manufacturer's technical handbook.

OPERATIONAL MAINTENANCE

PROBLEMS	PROBABLE CAUSES	SOLUTIONS
Tractor raises when lifts the Coverer.	Lack of ballast in the tractor front.	Ballast to front tractor.
The Coverer goes out of hand when working on sloping land.	Lower arms of the tractor coupling are loose with lateral displacement.	Attach the lower arms of the tractor coupling to eliminate side displacement.
Unable to spray.	Lack of solution in the tank.	Put water in the tank.
	Tank valve closed.	Open valve.
	Product sediment at the bottom of tank.	Do not leave product in the tank at the end of the work.
	Hoses, filters and nozzles are clogged.	Disassemble and clean.
Lack of pressure in the spraying system.	Object blocking the hose, hose curved or bent.	Check the pump.
	Problems with leakage.	Check the internal parts, repairs, spring, etc.
	Problem in the pump valves.	Check valve internals.
Irregular flow.	Object blocking the hose, hose curved or bent.	Check pump outlet hoses.
	Problems with leakage.	Check if spraying system has leakages.
	Problems with the pump.	Check if there is any object obstructing the passage of fluid to the pump.

Table 5

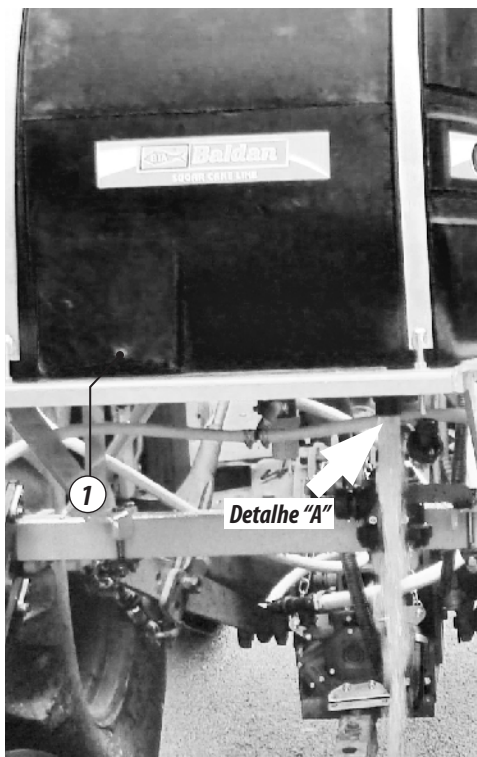
CLEANING TANK

- To clean the tank, proceed as follows:

01 - Empty the tank (1) by removing the cover (2), leaving the insecticide to drain in a drum or container suitable for this product as **detail "A"**.



Figures 18



⚠ ATTENTION

Do not exhaust the tank, pouring the insecticide directly to the soil to avoid contamination and damage to the environment. Do this procedure using a drum or container suitable for storing this type of product.

02 - After exhausting the tank (1), remove the cover (3) and filter element (4), as **Details "B" and "C"**.



Figuras 18



03 - Make the cleaning of tank and components, then wash them with running water. Then, assemble them all again.

🔧 NOTE

Check daily the filter element (4) and make the change, whenever it deems necessary, thus avoiding any type impurity into the tank due to poor maintenance.

🔧 IMPORTANT

- Wash the CCB. Do not use chemical cleaner as they may damage its painting.
- Give an overall paint coat at points where there is need.
- Spray it with oil or any other type of anticorrosion agent.
- Check all moving parts of the CCB, if the present wear or clearance, make the necessary adjustment or the replacement of parts, leaving it ready for use. Use original Baldan original parts.
- Store the CCB in a dry place, protected from sun and rain.

CLEANING

CLEANING

SYSTEM OF ANTI-DRIPPING NOZZLES

- 01 - The CCB has the system of anti-dripping nozzle with quick coupling that enables uniform insecticide application as detail "A".



Figure 19

IMPORTANT

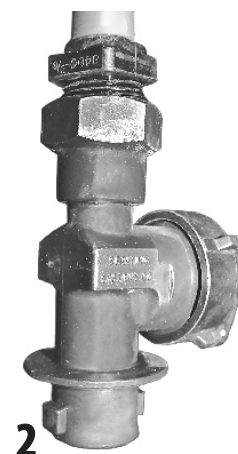
The anti-dripping system is equipped with a diaphragm mechanism w / springs that when pressure is reduced, reaching less than 7 pounds, it automatically closes, preventing dripping, soil contamination and waste of product.

NOZZLES

- To clean the spraying point (nozzle), proceed as follows:
- 01 - Remove the quick coupling (1) from the nozzle body (2), then, the spraying point (3) and sealing ring (4), and finally the nozzle filter (5). Do the cleaning or replacement of components as necessary. When finished, assemble the components again.

NOTE

Check daily the nozzle filter (5) and make the exchange, whenever deemed necessary.



Conical Quick Coupling

1



Spraying Point (Nozzle)



3

Gasket



4

Nozzle Filter



5

Figures 20

NOTE

Do not use needles or wire to clean the nozzles, this procedure may cause an increase in the hole, leading to poor spray distribution.

ATTENTION

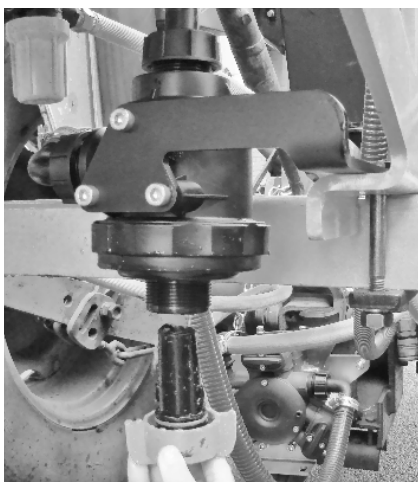
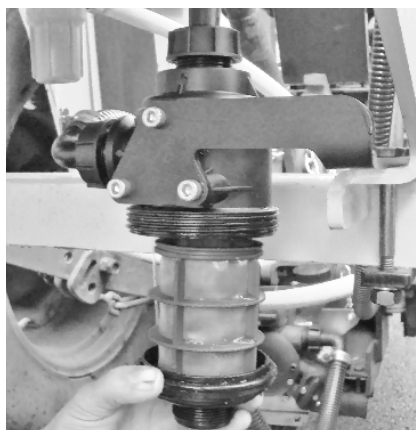
The CCB leaves the factory with a single spraying point model (3). Prior to work, consult a qualified professional to indicate the exact pressure calibration and the ideal nozzle for the type of work to be done.

TANK FILTER

- To clean the tank filter, proceed as follows:
- 01 - In the tank filter (1), remove the handle (2), and then the filter element (3), then, do the cleaning or replacement if necessary. When finished, assemble the components again.



Figures 21



NOTE

Check daily the filter element (3) and make the change, whenever it deems necessary.

IMPORTANT

When carrying out cleaning or changing of the filter element, there is no need to exhaust the tank because the filter system has a self-sealing system.

CLEANING

LINE FILTER

- To clean the line filter, proceed as follows:
- 01 - In the line filter (1), remove the cover (2), and then the filter element (3). Then, do the cleaning or replacement if necessary. When finished, assemble the components again.



Figures 22



NOTE

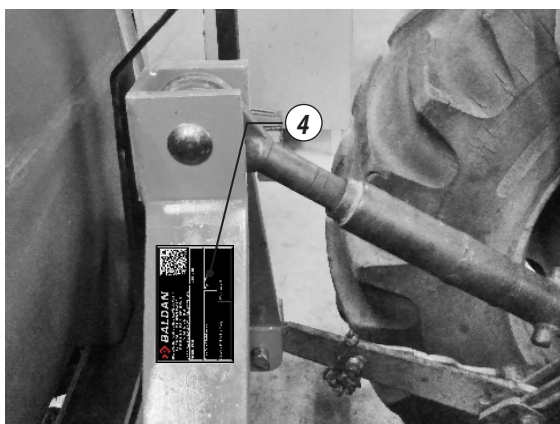
Check daily the filter element (3) and make the change, whenever it deems necessary.

IDENTIFICATION

PRODUCT IDENTIFICATION

01 - To view the parts catalog or to request technical assistance from BALDAN, always indicate the model (1), serial number (2) and date of manufacture (3), which is on the identification label (4) of the sower.

02 - ALWAYS ORIGINAL PARTS REQUIRED BALDAN



Figures 23

01 - Make the identification of data below to always have correct information about the lives of their CCB.

Owner's name: _____

Dealer: _____

Farm: _____

City: _____ State: _____

Warranty certificate Nr.: _____

Model: _____

Serial number: _____

Date of purchase: _____ Invoice Nr: _____

⚠ ATTENTION

The drawings here in are merely illustrative. To allow a better view and detailed instruction, the safety devices in some drawings of this manual were removed (covers, protections, etc.). Never operate CCB without these devices.



PUBLICATIONS | Code: 60550106925 | CPT: CCB13507



CONTACT

In case of doubts, never operate or handle CCB, refer to PostSales.
Telephone: 0800-152577 / E-mail: posvenda@baldan.com.br

[illegible]

NOTE

NOTE

BALDAN IMPLEMENTOS AGRÍCOLAS S/A.

CERTIFICATE OF WARRANTY

BALDAN IMPLEMENTOS AGRÍCOLAS S/A ensures the reseller normal performance of the implement for a period of six (6) months as of the delivery date on the retail invoice to the final consumer.

During this period, **BALDAN** undertakes to repair defects in material and/or of manufacture of its liability, including labor, freight and other expenses of the reseller's liability.

In the warranty period, request and replacement of eventual defective parts shall be made to the reseller of the area, who will submit the faulty piece to **BALDAN** analysis.

When this procedure is not possible and the resolving capacity of the reseller is exhausted, the reseller will request the support of **BALDAN** Technical Assistance through a specific form distributed to resellers.

After analyzing the replaced items by Baldan Technical Assistance, and concluding that it is not a warranty, then the reseller will be responsible for the costs related to the replacement; as well as material expenses, travel including accommodation and meals, accessories, lubricant used and other expenses arising from the call out to Technical Assistance, and Baldan company is authorized to carry the respective invoice in the name of the resale.

Any repairment carried in the product within the reseller warranty deadline will only be authorized by **BALDAN** upon previous budget presentation describing parts and workforce to be executed.

The product is excluded from this term if it is repaired or modified by representatives not belonging to the **BALDAN** reseller network, as well as the application of non-genuine parts or components to the user's product.

This warranty is void where it is found that the defect or damage is caused by improper use of the product, failure to follow instructions or inexperience of the operator.

It is agreed that this warranty does not cover tires, polyethylene tanks, cardan, hydraulic components, etc., which are equipment guaranteed by their manufacturers.

Manufacturing and/or material defects, object of this warranty term, will not constitute, under any circumstances, grounds for termination of a purchase agreement, or for indemnification of any nature.

BALDAN reserves the right to change and/or perfect the technical characteristics of its products, without previous notice, and without obligation to proceed in the same way with the products previously manufactured.

INSPECTION AND DELIVERY CERTIFICATE

- **SERVICE BEFORE DELIVERY:** This implement was carefully prepared by the sale organization, with all its parts inspected according to the manufacturing prescriptions.
- **DELIVERY SERVICE:** The user was informed about the current warranty terms and instructed on the usage maintenance cares.
- The user was informed about the current warranty terms and instructed on the usage maintenance cares.

Implement: _____

Serial Number: _____

Date: _____ Tax Number: _____

Resale: _____ City: _____

State: _____ CEP: _____

Owner: _____ Phone: _____

Address: _____ Number: _____

City: _____ State: _____

E-mail: _____

Sale Date: _____

Signature / Resale Stamp _____

1st - Owner

CERTIFICATE

CERTIFICATE

BALDAN IMPLEMENTOS AGRÍCOLAS S/A.

INSPECTION AND DELIVERY CERTIFICATE

- **SERVICE BEFORE DELIVERY:** This implement was carefully prepared by the sale organization, with all its parts inspected according to the manufacturing prescriptions.
- **DELIVERY SERVICE:** The user was informed about the current warranty terms and instructed on the usage maintenance cares.
- The user was informed about the current warranty terms and instructed on the usage maintenance cares.

Implement: _____

Serial Number: _____

Date: _____ Tax Number: _____

Resale: _____ City: _____

State: _____ CEP: _____

Owner: _____ Phone: _____

Address: _____ Number: _____

City: _____ State: _____

E-mail: _____

Sale Date: _____

Signature / Resale Stamp _____

2st - Resale

INSPECTION AND DELIVERY CERTIFICATE

- **SERVICE BEFORE DELIVERY:** This implement was carefully prepared by the sale organization, with all its parts inspected according to the manufacturing prescriptions.
- **DELIVERY SERVICE:** The user was informed about the current warranty terms and instructed on the usage maintenance cares.
- The user was informed about the current warranty terms and instructed on the usage maintenance cares.

Implement: _____

Serial Number: _____

Date: _____ Tax Number: _____

Resale: _____ City: _____

State: _____ CEP: _____

Owner: _____ Phone: _____

Address: _____ Number: _____

City: _____ State: _____

E-mail: _____

Sale Date: _____

Signature / Resale Stamp _____

3st - Manufacturer

Please send this completed form within a maximum of 15 days to BALDAN.



Avenida Baldan, 1500
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