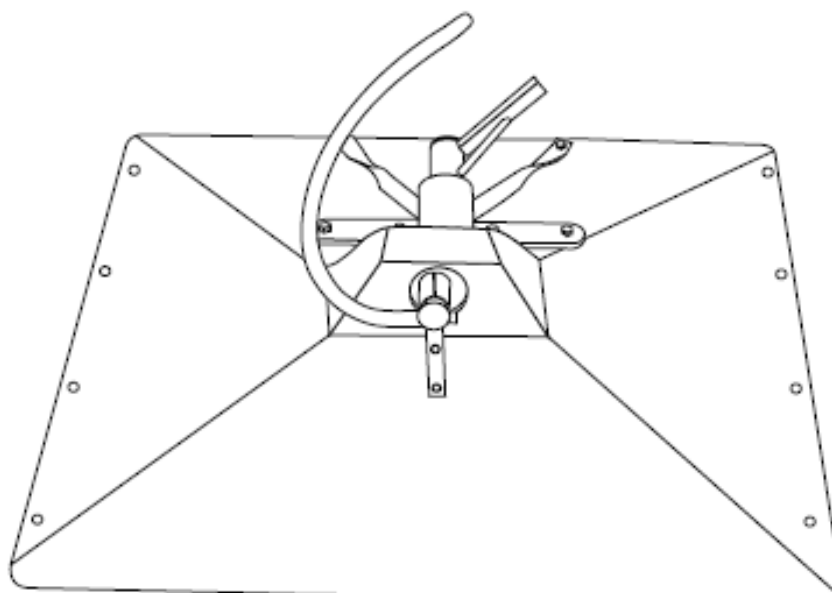


# **KNAPIK®**

## **Spray Drift Guard**

### *Installation Instructions*



For using attached on Knapik Hand-Pulled Sprayer  
model PR-20

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## 1. OPERATOR WARNINGS



**Please, avoid the improper  
disposal of waste in the environment,  
the planet thank to you**

## SAFETY AT WORK

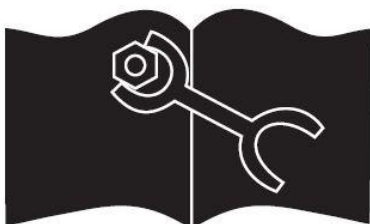


**Keep in mind that SAFETY requires CONTINUING WARNING,  
OBSERVATION and CAUTION during storage and handling, transport and  
maintenance of the planter.**

**PERSONAL PROTECTIVE EQUIPMENT (PPE) AT WORK IS VERY  
IMPORTANT TO PROTECT YOUR HEALTH.**



**PLEASE, READ THE INSTRUCTIONS MANUAL**



**Before mounting, adjusting or  
maintenance procedures, please,  
consult the instructions manual.**

## 2. DRIFT GUARD OPTIONS

- 1 m bandwidth: Mainly to spray on between rows of reforestation and coffee tillage.
- 0.7 m bandwidth: Mainly to spray on between rows of corn and cassava tillage.
- 0.5 m bandwidth: Mainly to spray on between rows of vegetable crops.
- 0.4 m bandwidth: Mainly to spray on between rows of soybeans and beans tillage.

## 3. INSTALLATION



To install the drift guard on Knapik Hand-Pulled Sprayer PR-20 is necessary 3 parts:

- Holder device
- 6.5 cm length tube
- Thumbscrew



Firstly screw the holder device in the Knapik Hand-Pulled Sprayer frame and then mount the drift guard as the assembly instructions.



Drift guard in packing



Screw the holder drift guard at the frame



Screw the rod of the pendulum



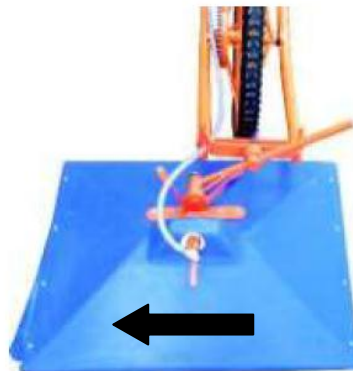
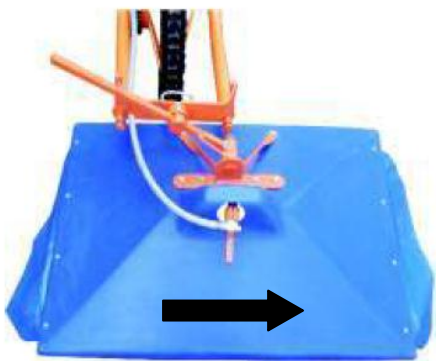
Connect the hose



Check the spray nozzle angle



Orifice to check the spray nozzle working



Drift guard displacement sideways



## 4. SPRAY PRESSION REGULATING



Loosen thumbscrew and tighten at the required pressure.



For the pressure regulating to one nozzle consider from 0.5 to 0.8 cm of the piston stroke.



For the 8 nozzles spray boom about 4 cm of the piston stroke.



To work the maximum piston strokes is required exchange the nozzles or add more nozzles at the spray boom to not block the wheel.

The liquid should be sprayed uniformly and the wheel turns normally. If the wheel is blocked, it indicates that there is overpressure.



For the uniform application, firstly disconnect the pumping rod (a kind of clutch of the pumping mechanism) of the pumping mechanism (as shown at the pictures), and pump manually to produce the starting pressure - pumping five times, at least.

## 5. SPRYAER CLUTCH

For the machine transporting use the sprayer clutch mechanism as shown below.



The same time push the middle of the pumping rod forward and the piston down. Thus the pumping function becomes inactive.

## 6. FINAL CONSIDERATIONS

**Indústria Mecânica Knapik Ltda** reserves the right to improve and/or modify the technical characteristics of its products without prior notice and without obligation to extend the improvements and modifications to the machines already sold.



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