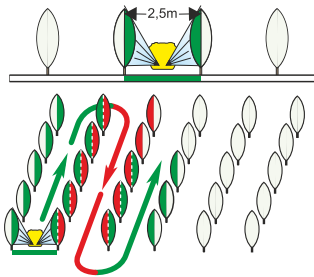
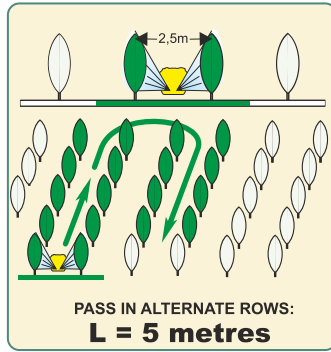


HOW TO CALIBRATE YOUR *cima*® SPRAYER

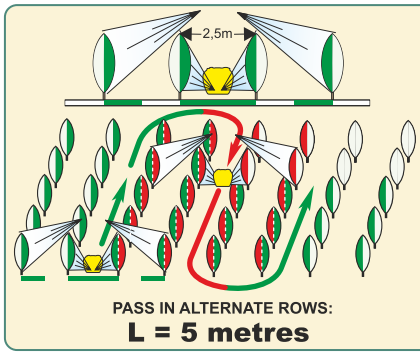
1 WORK WIDTH - **L** (metres)



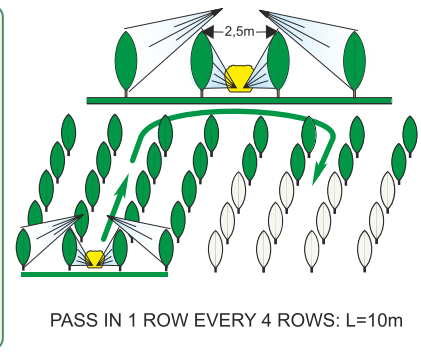
PASS IN ALL ROWS: L=2,5m



PASS IN ALTERNATE ROWS:
L = 5 metres

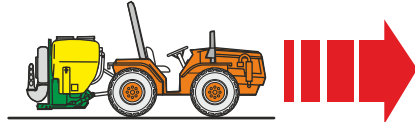


PASS IN ALTERNATE ROWS:
L = 5 metres



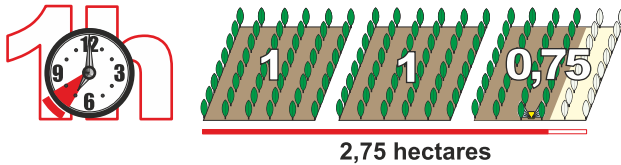
PASS IN 1 ROW EVERY 4 ROWS: L=10m

2 TRAVEL SPEED - **V** (km/hour)



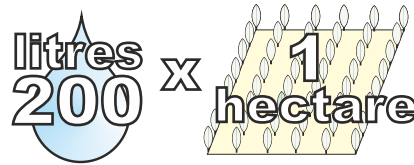
V = 5,5 km/hour

3 SURFACE PER HOUR - **S** (hectares/hour)



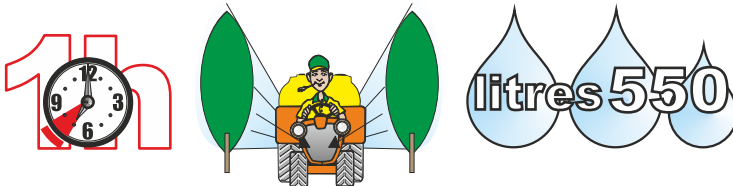
$$S = \frac{L \times V}{10} = \frac{5m \times 5,5 \text{ km/h}}{10} = 2,75 \text{ hectares/hour}$$

4 LITRES PER HECTARES - **W** (litres/hectares)



W = 200 litres/hectare

5 DELIVERY PER HOUR - **Q** (litres/hour)



$$Q = S \times W = 2,75 \text{ ha/h} \times 200 \text{ l/ha} = 550 \text{ litres/hour}$$

6 SPRAYER ADJUSTMENT

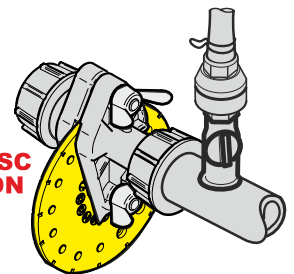
PRESSURE 1,5



SPRAYHEAD DELIVERY CHART			
Position of yellow disc	SPRAYHEAD DELIVERY (litres/hour) with PTO at 540 RPM		
	OPERATING PRESSURE kg/cm ²		
	1,5	2,5	
1	81	86	90
2	87	103	114
8	550	655	855
9	640	700	757
10	842	923	965



YELLOW DISC IN POSITION 8



7 MIXTURE DOSAGE



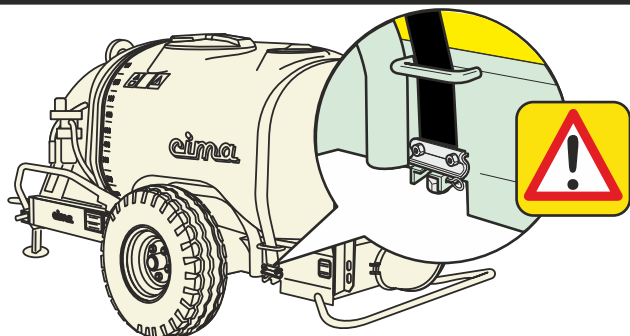
$$(3\text{kg/ha} : 200 \text{ lt/ha}) \times 100 \text{ lt} = 1,5 \text{ kg every } 100 \text{ lt.}$$

200 x 5 = 1000 litres of water and 15 kg of chemicals are distributed on 5 ha

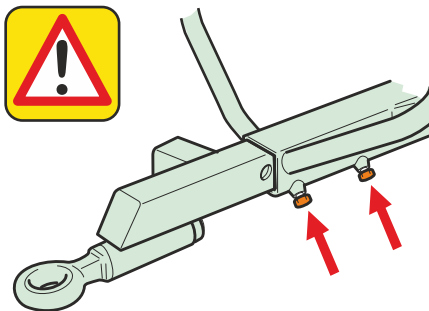
cima®

Loc. Molino Quaroni n.7, Montù Beccaria - PV - (ITALY)
Tel. +39.0385.246636 - www.cima.it

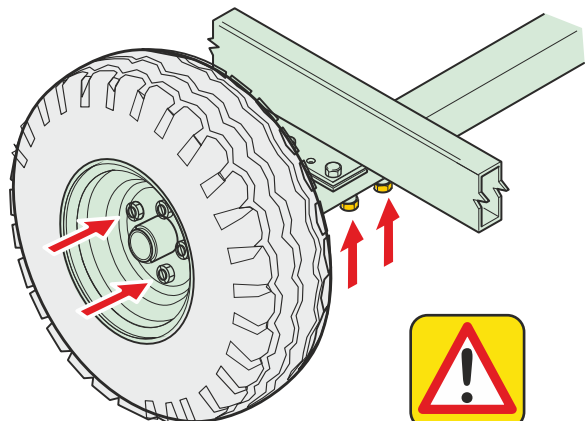
HOW TO KEEP YOUR *cima*® SPRAYER EFFICIENT



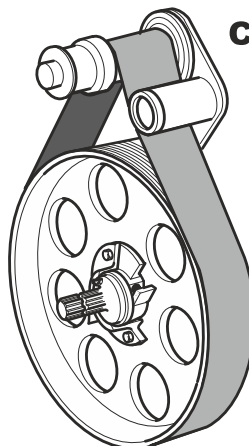
**CHECK THE CONDITION,
THE TENSION AND THE FIXING
OF THE BELTS**



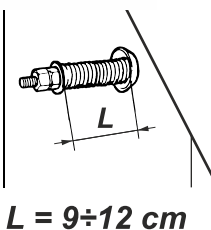
**CHECK THE TIGHTENING
OF THE DRAWBAR
FIXING SCREWS**



**CHECK THE TIGHTENING
OF THE AXLE AND WHEEL
FIXING SCREWS**

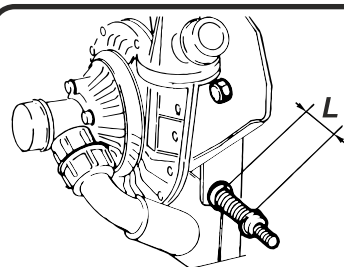


**CHECK THE TENSION OF
THE FAN BELT DRIVE**



$L = 9 \div 12 \text{ cm}$

**FAN SHAFT SUPPORT:
CHECK OIL LEVEL**



$L = 4 \div 5 \text{ cm}$

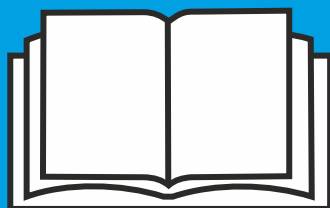
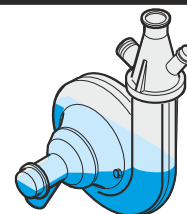
**CHECK THE TENSION
OF THE PUMP BELT DRIVE**



PTO AT 540 RPM

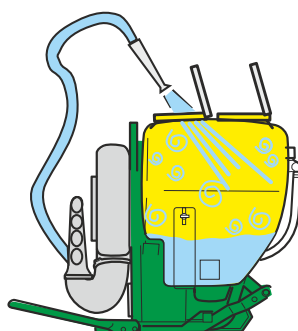
DO NOT EXCEED the 620 RPM.

**THE PUMP
MUST NEVER
RUN DRY**



**BEFORE USE:
READ THE OPERATION
AND MAINTENANCE
HANDBOOK SUPPLIED
WITH THE SPRAYER**

**1 AT THE END OF
THE TREATMENT
CLEAN THE
TANK INSIDE**



**2 CLEAN THE PLUMBING OF
LIQUIDS SPRAYING
RESIDUALS IN
COMPLIANCE WITH THE
CURRENT REGULATIONS**

