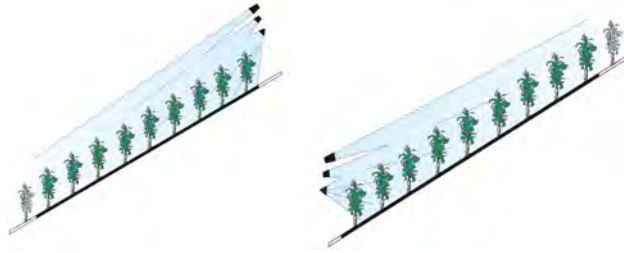


T.GC.50P.13
T.GC.50T.13
T.GC.50S.13
T.GC.P06.50.13
T.GC.P08.50.13

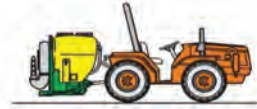
Cima Spray Head Calibration Chart

How to Calibrate CIMA Atomizer Sprayer

1. "ER" Effective Range – Width in feet of Row spacing multiplied by the number of rows being sprayed.



2. "M.P.H." - "M.P.H." - Check your actual tractor MPH. on the terra in you are spraying on. Set the tractor throttle at 540 RPM PTO speed and select a tractor gear comfortable for spraying. Measure the distance traveled in 1 minute, divide by 88 will equal M.P.H.



3. G.P.A. The venturi style atomizer on a Cima sprayer provides more droplets for better coverage using less water at a higher concentration. For a typical application the Cima sprayer will use approximately 35 gallons of water per acre, compared to 100 gallons of water per acre for a conventional sprayer.



4. FORMULA Answer in G.P.H. (Gallons per Hour)

example:

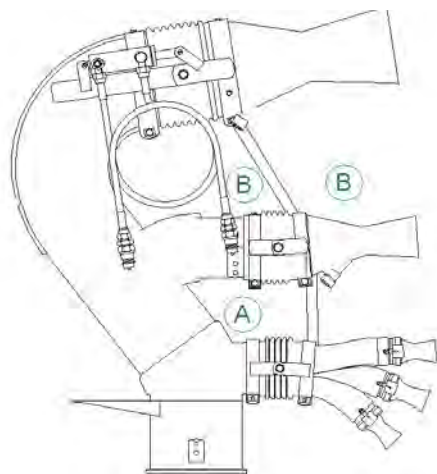
$$\left(\frac{40 \text{ GPA} \times 3.0 \text{ MPH} \times 50 \text{ ER} \times 60}{500} \right) = 720 \text{ Gallons Per Hour}$$

$$\left(\frac{\text{GPA} \times \text{MPH} \times \text{ER} \times 60}{500} \right) = \boxed{}$$

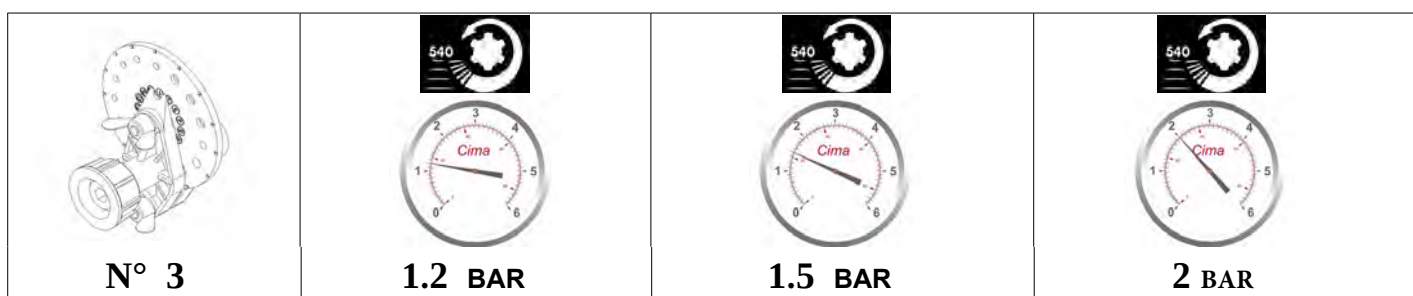
5. SPRAYHEAD CHART Find the GPH below which most closely matched the number you determined in the formula on the opposite page. Set the pressure gauge and the yellow metering disc accordingly

CHART

DISC	1.2 Ba	1.5 Bar	2.0 Bar
1	18	21	23
2	28	31	34
5	58	64	69
6	64	72	77
7	98	108	116
8	128	137	145
9	145	160	173



T.GC.50P.13
T.GC.50T.13
T.GC.50S.13
T.GC.P06.50.13
T.GC.P08.50.13

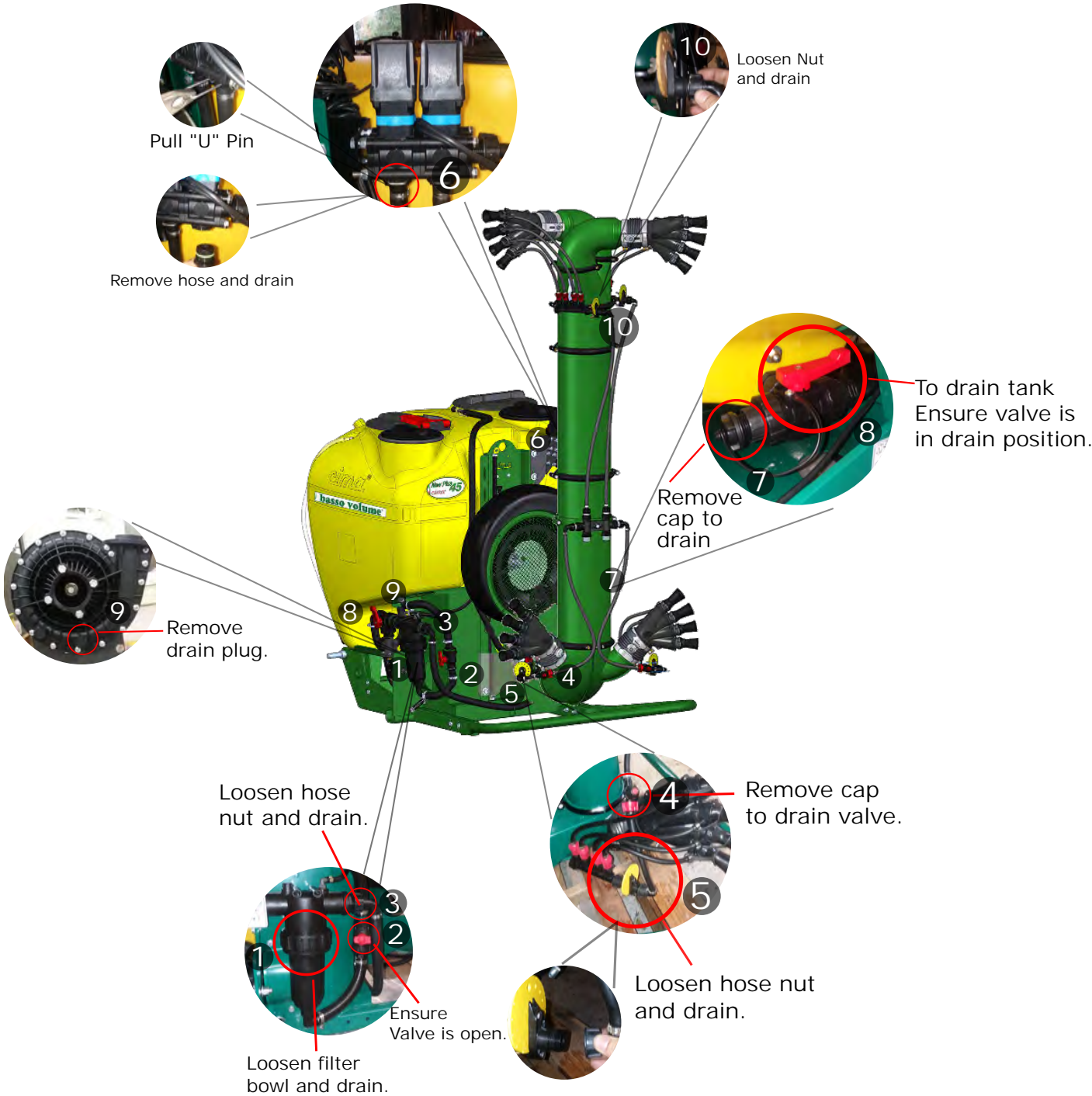


A	B	(A + B) = l/h	(A + B) = l/h	(A + B) = l/h
3	3	(21+37) = 58	(24+42) = 64	(29+50) = 79
4	4	(29+48) = 77	(32+53) = 85	(34+63) = 97
5	5	(32+61) = 93	(37+71) = 108	(40+79) = 119
6	6	(37+77) = 114	(45+85) = 130	(48+95) = 143
7	7	(53+103) = 156	(57+116) = 173	(63+129) = 192
8	8	(66+129) = 195	(71+143) = 214	(77+156) = 233
9	9	(79+159) = 238	(87+172) = 259	(95+185) = 280
10	10	(87+172) = 259	(95+185) = 280	(106+211) = 317
11	11	(103+185) = 288	(116+225) = 341	(132+251) = 383
12	12	(132+238) = 370	(148+277) = 425	(164+330) = 494
13	13	(172+357) = 529	(211+409) = 620	(238+462) = 700
14	15	(225+449) = 674	(251+502) = 753	(296+581) = 877

CIMA SPRAYER WINTERIZATION

*Drain from top to bottom.

*Anti-freeze not recommended.



⚠ CAUTION
Read directions
before
operating

DANGER
 Do not stand
in front of
machine while
operating

DANGER
 DO NOT USE
WITHOUT
WEARING EAR
PROTECTION

DANGER
 SAFETY
SHOES MUST
BE WORN

DANGER
 **HOT**

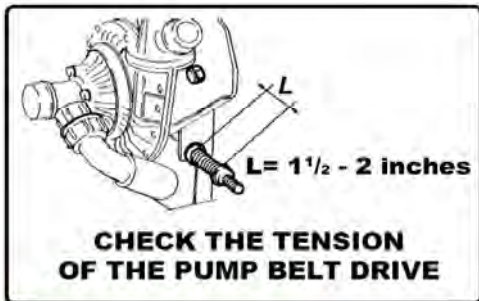
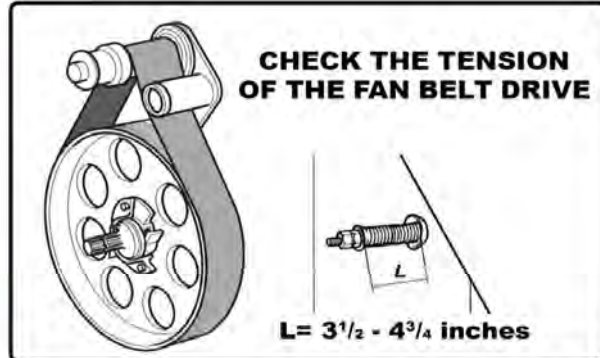
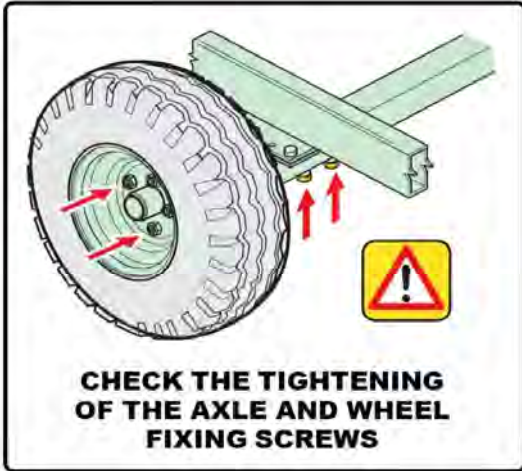
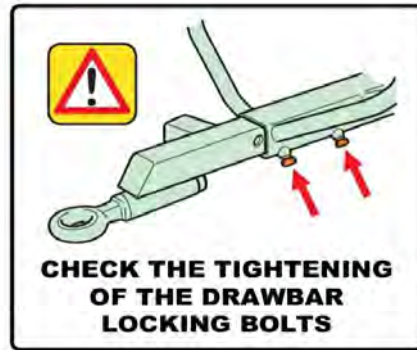
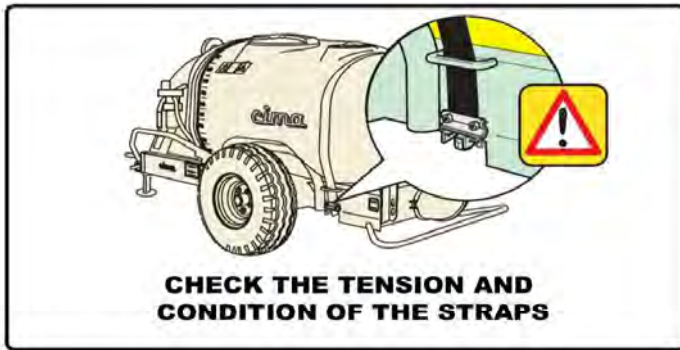
DANGER
 SAFETY
GLASSES

DANGER
 Wear
respirator
while
spraying

DANGER
 TOXIC
CHEMICALS

DANGER
 WEAR GLOVES
WHILE HANDLING
CAUSTIC
SOLUTIONS

DANGER
FLYING
OBJECTS 



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