

# START-UP GUIDE



The success of a good weeding lies in 2 essential points: a powerful tool + a good method of work in the field. The end result is up to you. A complete commissioning is therefore the key.

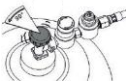
RIPAGREEN has chosen to support you in this process through our partners in order to obtain the best possible result while minimizing the time spent and the energy consumed.

**Please read the entire RIPAGREEN "USER MANUAL" and confirm with your dealer that all the points below have been covered.**

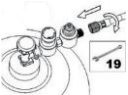
## Starting up a machine: what to remember



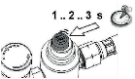
- Use only PROPANE gas (never BUTANE or FENWICK GAS)



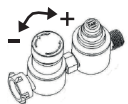
- Screw the regulator on the gas tank and open the gas tank only ¼ turn



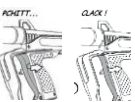
- Check the tightness of the screwed parts (hose and swivel connector)



- Push and hold the red button for 3 seconds to activate the start-up (or 5 seconds if the hose is longer)



- Adjust the pressure of the regulator: at the minimum in normal conditions and gradually increase the pressure if there is wind or rain



- To start, you first need a light pressure on the handle (for about 1 second to bring the gas) then a strong pressure (to trigger the ignition)



- It is necessary to work with a distance of at least 20cm on the ground



- Do the fingerprint test (pinch the leaf of the plant between thumb and forefinger)



- The harness allows you to work either by pulling the trolley or with the tank on your back



- It is possible to orient the diffuser (like a "paint gun") with the stainless-steel bar at the bottom of the trolley



- It is possible to change the ignition piezo by the emergency one in the handle (when the original one is worn out)



- It is possible to fix a fire extinguisher device on the side of the trolley (4 pre-drilled holes)



- When you stop work, empty the gas hose so that it does not remain under pressure

## INSTRUCTIONS FOR OPTIMAL EFFICIENCY

### 1 - Intervene at the right time and regularly

For weeding to be more effective, it is important to intervene at the right time.

It is necessary to start at the beginning of spring, by making 3 to 4 close passages on the young weeds in full growth.

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
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Information given as an indication, depending on weather conditions and the stage of development of the weed

Unlike a chemical product, thermal weeding has no systemic or anti-germination action.

After the 1st pass, the plant will therefore grow back after 7 to 10 days. The plant seeks to heal and start again as quickly as possible.

It is therefore necessary to repeat the operation on the regrowth. The 2nd, 3rd and 4th passages are extremely effective because the root reserves are very weakened or destroyed.

Another benefit, these 3 close passages on the seedlings are very fast.

JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
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Information given as an indication, depending on weather conditions and the stage of development of the weed

Thereafter, it will be necessary to plan passages every 15 days to 3 weeks maximum during the growth period (depending on weather conditions).

By continuing the regular passages and at the right time, the passages will be faster and faster, therefore the cost per m<sup>2</sup> even more competitive.

### 2 - Attack small weeds

- This keeps the areas to be weeded always clean
- This prevents the plant from going to seed at the risk of dispersing them.
- It exhausts the root system faster
- This allows you to move forward very quickly

### 3 - Do not burn the plant

- It takes a lot of time
- It's more dangerous
- It consumes more gas
- It's not more efficient

### 4 - Properly adjust your harness, lance and cart

### 5 - Take 15 min to do the maintenance of the nozzle

## The importance of pressure :

The pressure is very important and must always be between 1.5 and 2.5 bars. If the pressure is too low the flame will damage the lance.

You must ensure:



- That the filter in the swivel connector is not clogged and not folded.



- That the hose is in good condition: no cuts or injuries

The RIPAGREEN regulator protects your nozzle by automatically cutting off the gas supply when the pressure delivered by it drops below the minimum threshold necessary.

This indicates either :



- That the gas tank is practically empty (only a few minutes of use remain at very low power: the cylinder must be changed)



- That the pressure is too low in the gas tank following intensive use (icing). In this case, temporarily change the gas tank or wait for a return to normal pressure.



- That the gas is not the right one: it is imperative to use PROPANE in the gas phase (never BUTANE or FENWICK GAS)

## Why the gas tank frosts in intensive use:

When the gas goes out, the tank will cool. Cooling will continue until the tank is frosted. This is a normal and unavoidable phenomenon.

In intensive use, icing will cause the pressure necessary for the correct operation of the machine to drop and the safety of the regulator will cut off the gas supply to protect the lance.



### **WARNING**

**If the gas stops, never block the red safety button.**

To limit the phenomenon of frost, it is possible to reduce the pressure setting (at the regulator) towards the minimum.

On intensive sites and large surfaces, provide a second gas tank to switch it over if the first one is icy.


With a small tank, the autonomy is about 2 hours. But in intensive use the pressure drops quickly, and the regulator will cut off the gas supply after about 35min. It is therefore imperative to work with 2 bottles to swap them and continue weeding.

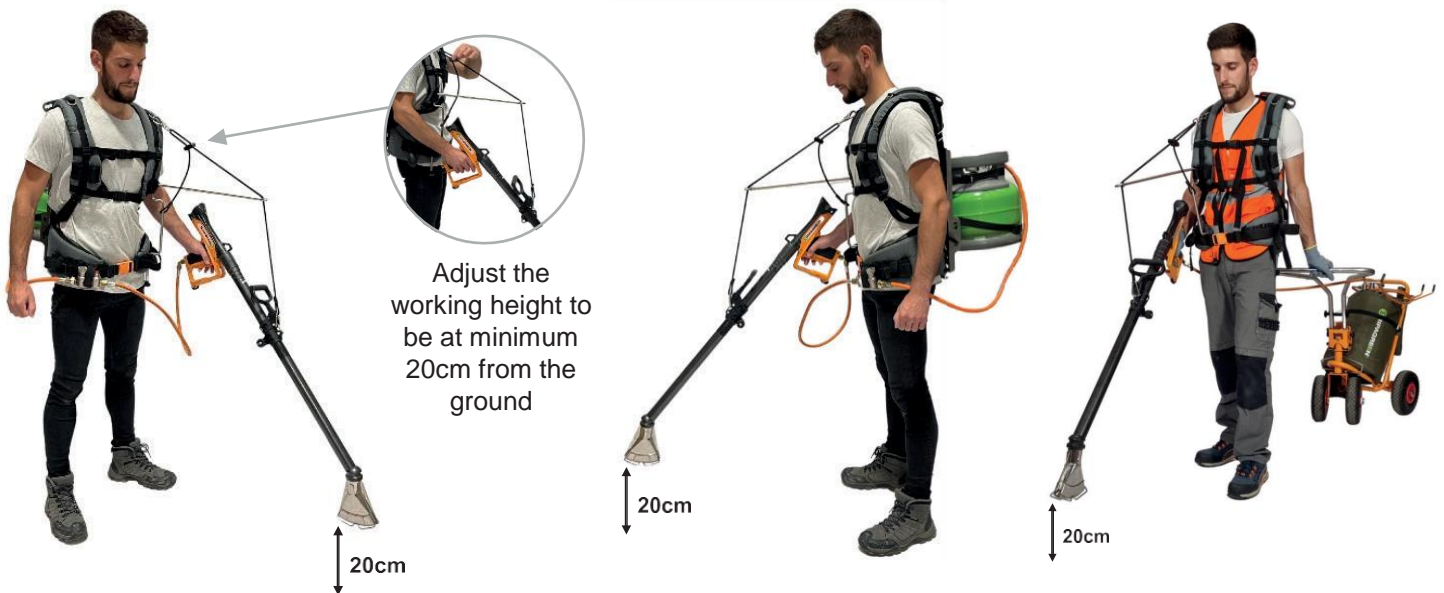
Harness  
 adjustment  
 video


## HARNESS ADJUSTMENT

It is important to properly adjust the harness for operator comfort..



- 1 - Adjust the straps of the plate to your size (shoulder width, height of the straps and belt)
- 2 - Tighten all the straps securely
- 3 - Place the stem (on the right or on the left) in the bandolier and tighten the locking nut
- 4 - Inflate the cushion for the lower back
- 5 -  The stem must be parallel to the ground for the setting to be correct



Adjust handlebar height

Your arm should not be back





GROUPE SEFMAT

# RIPAGREEN® MAINTENANCE SHEET

Any replacement part must be original RIPAGREEN®. The manufacturer SEFMAT declines all responsibility and any request for recourse in the event of non-compliance with the instructions or dismantling of the lance by a person not qualified to carry out maintenance operations.

## Necessary material:

a spanner of 19  
a compressed air gun  
some grease



## Visual checks and maintenance:

### 1x per Week:

Clean (with a compressed air gun) the protective grid of the nozzle and insist on the chimney tube located in the center because it mainly generates the ignition.  
For this manipulation, the spark plug must be held so as not to drop it.



Unscrew the hose and clean the grid filter located in the swivel connector (with a compressed air gun).

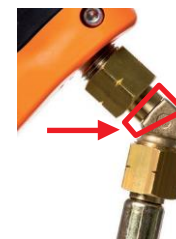


If the impurities does not disappear, remove and clean the filter with a needle and reassemble it after cleaning.

Clean (with a compressed air gun) the inside of the nozzle to remove all impurities (dust, grass, leaves, etc.)



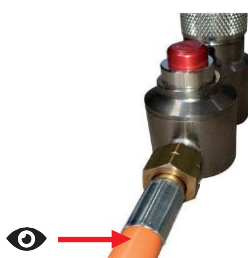
Check the condition of the swivel connector . It should not be bent, have a tight spot or too much play.  
If so, it must be replaced.



### 1x per Month:

Check the good condition of the gas hose along its entire length and at the fittings (ends).

In the event of injuries (cuts), even superficial, it must be replaced by an original RIPAGREEN® hose with its crimped connections.



Check the proper functioning of the regulator safety shut off: Place yourself outside, away from any source of ignition.

Put the regulator under pressure and completely unscrew the union nut. The gas should shut off.



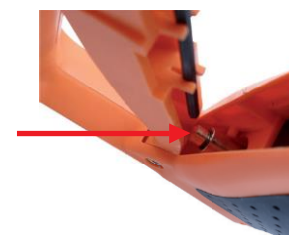
Check that the following seals are present and in good condition:

- 1 The 2 seals located at the end of the lance tube
- 2 The 2 seals located at the end of the gun



If one or more gaskets are damaged, they must be changed.  
Lubricate fittings and seals with high temperature grease.

Clean any dust that may accumulate on the gas valve plunger (open the trigger where the piezo igniter is located). Lubricate the piston with a fluid oil to make it easier to move back and forth.  
Do not overload with oil.



## COMMISSIONING SHEET

**It is imperative to read the entire "USER MANUAL (NF)" of SEFMAT (manufacturer of RIPAGREEN®) and the safety warnings before any first commissioning or use of the machine.**

**ATTENTION to the risk of fire: In operation this appliance produces a flame. Do not use in high-risk areas, for example near resinous trees, perforated door bottoms, cladding, grills and gratings, dry grass, dead leaves, flammable objects, garbage cans, hollow trees, etc.**

Community / Company : \_\_\_\_\_

Postal Code : \_\_\_\_\_ City : \_\_\_\_\_

Serial number (S/N) : \_\_\_\_\_

Date of commissioning: \_\_\_\_\_

Salesperson's name: \_\_\_\_\_

First name	NAME	Function	Signature

**As part of the warranty, please return to us at [info@....](mailto:info@...)**

- the copy of this last page (6/6)

- the customer invoice (with date and serial number)