



CURLY'S AG

AGRICULTURAL INNOVATIONS



Weed Wand



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Thank you for purchasing the Weed Wand, we hope it helps keep your weeds at bay!

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Warnings

You must read this publication before using the Weed Wand.

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Users of the Weed Wand do so at their own risk and acknowledge the use of the Weed Wand is dangerous, involves high temperatures, open flame and gas, and there is a real risk of burning.

Users of the Weed Wand release and indemnify the owner from any claim, loss, damages, and injury from their use of the Weed Wand including from any reliance on this publication except to the extent such damage, loss or injury is caused by the negligence of the Curly's Ag.

This operator's manual provides practical instructions for the safe assembly and use of the Weed Wand on small scale vegetable operations. This manual must be read and applied in its entirety to ensure the safe use of the Weed Wand.

This manual does not contain information regarding legal requirements applicable to the use of the appliance for applications other than the above purpose.

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WARNING

READ AND UNDERSTAND THIS OPERATOR'S MANUAL COMPLETELY BEFORE USING YOUR PRODUCT. FAILURE TO FOLLOW OPERATING INSTRUCTIONS COULD RESULT IN SERIOUS INJURY.

DANGER

THE USE OF THIS PRODUCT INVOLVES OPEN FLAME, HIGH TEMPERATURES AND LPG GAS. FOLLOW ALL SAFETY PRECAUTIONS AS DESCRIBED IN THIS MANUAL.

Safety Instructions

It is the legal duty of the purchaser of the Weed Wand to ensure the user is properly trained and supervised to use the Weed Wand safely without risk to themselves or others. Operator Safety is our priority, this manual demonstrates some of the obvious risks, however there might be more risks depending on the environment and conditions where the Weed Wand is being used. Be cautious and always apply good judgement. It is the operator's responsibility to be aware and alert for any equipment or environmental conditions that could compromise the safe operation of the Weed Wand.

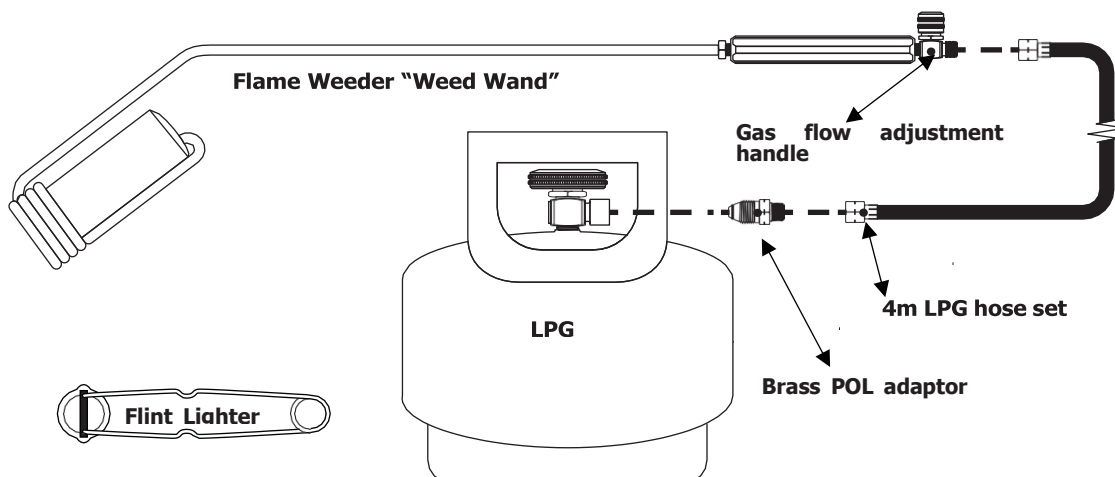
1. Read all safety instructions before using the Weed Wand. All operators, no matter how much experience they may have, should read this and other related manuals before operating the Weed Wand. It is the owner's obligation to instruct all operators in safe operation of the Weed Wand.
2. Safety gloves should be always worn.
3. Long sleeves, long pants, safety boots and eye protection should be always worn.
4. Do not operate the Weed Wand if you have not read or do not understand the Operator Manual.

5. Do not operate the Weed Wand if you are not capable of safely operating this type of equipment.
6. Do not operate any equipment if you are subject to seizures, loss of consciousness or fainting.
7. Do not use the Weed Wand if you are under the influence of alcohol, drugs (including prescription medications), controlled substances or are fatigued.
8. Do not allow children (under the age of 16) to operate the Weed Wand at any time.
9. Always carefully check the vicinity of the Weed Wand before operating it. Do not allow any bystander(s) (including animals) around or near the Weed Wand when in operation.
10. Keep all body parts especially hands and feet from the burner head whilst the machine is operating as the flame may not be visible, particularly in bright sunshine.
11. Do not operate the Weed Wand when a total fire ban is enforced or on days when there is an increased fire danger risk. Always check the fire risks and regulations within your region before using the Weed Wand and if in doubt contact your local fire authority.
12. Never operate the Weed Wand when there are high wind conditions.
13. Never operate the Weed Wand around dry grass, leaves or flammable substances.
14. Never use the Weed Wand in areas where petroleum or other liquids having flammable vapours are stored or used.
15. Never operate the Weed Wand indoors or in enclosed spaces.

16. Always follow the correct safety procedure for the use, storage, and transport of LPG bottles.
17. Never leave an alight Weed Wand unattended.
18. It is recommended to always have an assistant with you when operating the Weed Wand for safety precautions and to monitor for fire risks.
19. Always have fire extinguishing equipment easily accessible and ready to be used when operating the Weed Wand. (It is recommended to know how to use the fire extinguishing equipment efficiently).
20. Be cautious of how hot the Weed Wand burner head will remain even after the flame has been extinguished.
21. The burner head can remain alight even after the gas has been turned off from the LPG residue in the hose. Check and ensure that the burner head is extinguished after each use.
22. Always use extreme caution. This device has an intense open flame that can be difficult to see.
23. Disregard of safety practices can result in severe fire damage, personal injury and possibly death.

Assembly Instructions

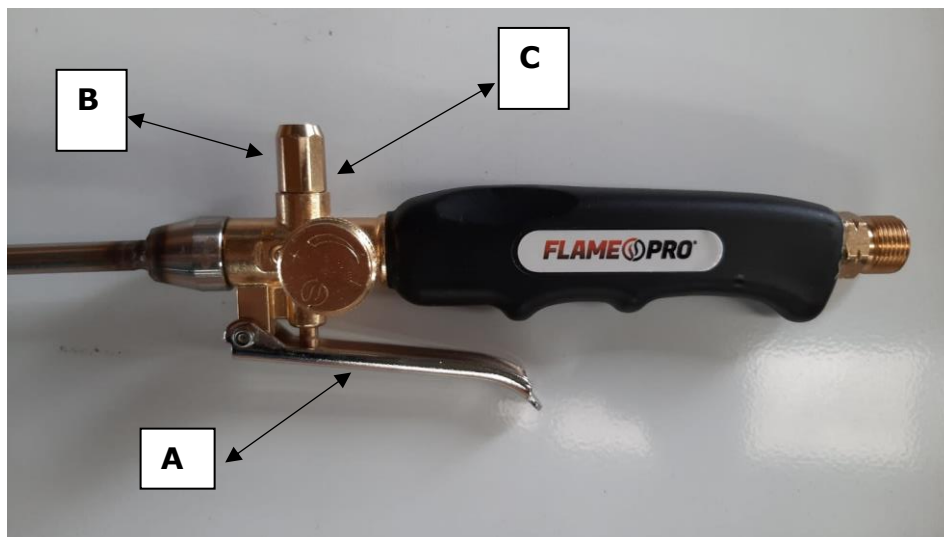
1. Remove all contents from packaging and check all listed items are present and not damaged.
2. Lay out components to match the picture below.
3. Apply thread tape or thread sealant to male thread of POL 3/8" thread, attach 3/8" female hose end and tighten securely.
4. Apply thread tape or thread sealant to male end of the Weed Wand and attach the other end of the 3/8" female hose end and tighten securely.
5. If using thread sealant wait appropriate time for correct drying as per sealant instructions.
6. Connect POL male fitting to LPG gas bottle and tighten securely.
7. Turn on gas at LPG bottle and listen for any gas leaks, test for leaks by applying a mixture of water and liquid soap using a spray bottle. If the connections bubble, you have a leak and must not use the equipment. Make sure all connections are tight and repeat above steps. If leak continues contact a registered gas fitter.



Operating Safely

1. Ensure the LPG valve is closed when not in use.
2. LPG is extremely flammable and dangerous. Before each and every use, inspect hoses and connections for damage and leaks. You can test for leaks by turning on gas at LPG bottle and listen for any gas leaks, then applying a mixture of water and liquid soap using a spray bottle. If the connections bubble, you have a leak and must not use the equipment. Make sure all connections are tight and not damaged and repeat above steps. If leak continues contact a registered gas fitter.
3. Set your handle adjustments before lighting your Weed Wand for the first time (see diagram A). You can re-adjust as desired afterwards.

Diagram A



- A. Economiser lever – Pulling in this lever completely will activate the settings of C (Full flow adjuster), letting go of this lever will give you a pilot/resting flame setting (it won't completely shut the flame off). Do not pull in this lever to light the flame weeder.

- B. Pilot Screw – Turn the screw so that it adjusts the delivery of the gas flow into the handle. We recommend a half turn out from closed.
- C. Full Flow adjuster – Turn the knob to adjust the ferocity of the flame you require. E.g., Turn to the lower settings will give you a smaller (not as intense flame) and turn to the higher setting will give you a bigger (more intense flame). If you turn this knob all the way to low it will shut off the gas flow completely (*Do not use this solely as the main gas shut off, always turn gas off at the gas bottle.*)

Before lighting, make sure you have adjusted the handle to the lower settings first as you can adjust to higher settings when ready, you run the risk of burning yourself if you have these settings to high when lighting.

- 4. When initially opening the valve on the handle of the Weed Wand be ready to light the burner with the accompanying flint lighter immediately. Never allow prolonged LPG to flow to the unignited burner. If there has been excess unburned LPG flow, close the valve, move your unit away from where you are and make sure you have allowed ample time for the LPG to dissipate before reattempting to ignite the burner.
- 5. If you smell gas – shut off the gas to the device. Extinguish any open flame. Check the device for any leaks using the soap - water solution. Do not attempt to relight the device until leaks are repaired and there is no gas smell.
- 6. When ready to use, have flint light ready and Weed Wand in a safe position. Ensure all the safety procedures have been considered and you feel comfortable to use the Weed Wand safely. Turn the gas on at the valve at a low rate of flow until you hear the gas exiting the burner. Make sure your Full Flow adjuster is not in the off position.

7. Light the burner head using the flint lighter. We recommend wearing Safety gloves. Try increasing LPG flow slightly until you are happy with flow.
8. Adjust the flow of LPG to designated flame size, remembering that the higher the flow the more LPG that will be used and increased speed at which the bottle may freeze. You can remedy this issue with either waiting for the bottle to thaw out or by exchanging for another bottle.
9. Always ensure the burner head is completely extinguished after use and that the Weed Wand has cooled down before being stored.

DANGER

THE FLAME HEAD WILL STILL BE EXTREMELY HOT IMMEDIATELY AFTER EXTINGUISHING THE FLAME. DO NOT TOUCH UNTIL YOU HAVE ALLOWED ENOUGH TIME FOR IT TO COOL DOWN.

Included Items

- 1 x Aussie Flame Weeder "Weed Wand"
- 1 x 4 meter LPG hose set
- 1 x Brass adaptor POL to 3/8" LH Thread
- 1 x Flint lighter (must be used for lighting the Weed Wand)

Other Equipment needed

- Adjustable spanner (for assembly)
- Gas thread tape or gas thread sealant (for assembly)
- LPG Gas Bottle (9kg recommended)

Storage

The Weed Wand is not designed to be left out in the elements, we recommend that the Weed Wand is protected from the harsh environment such as rain, storms and prolonged sunlight as the elements could damage it.

Always double check that the gas bottle is fully shut off and there is no gas coming out.

Warranty

The Weed Wand is warranted under the Curly's Ag limited warranty of 12 months. No warranty shall, however, apply if the Weed Wand has not been used according to the instruction given in this manual, even if it is within the warranty period.

Contact us

We value your opinion, please feel free to contact us if you have questions or comments.

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Video	Weed Wand Short Demo

