

HERBISEED featherlite™ SIDEBOOM SPRAYER INSTRUCTIONS

Welcome to your new spray boom, please read the following instructions carefully and this boom will give many years of trouble free service



Spray the plot without walking in it



At 2.4kg, this boom is really featherlite

1. This boom is made of ultra lightweight carbon fibre which is very strong and rigid. However there is one very **IMPORTANT SAFETY** feature you need to be aware of, carbon fibre is an extremely good conductor of electricity, therefore this boom should **NEVER** be raised in the vertical position in the vicinity of power lines. The most hazardous time is when you may be demonstrating this boom around buildings. Electricity can arc to a pole in close proximity, so **ALWAYS CHECK ABOVE YOUR HEAD.**
2. Carbon fibre is extremely strong and rigid. Nevertheless it could be damaged by impact so always carefully dismantle the boom and transport it in the box provided.
3. The boom is supplied in 3 sections, each section fits tight together by tapered spigots.



Tapered spigot



To ease the tapers together lubricate the spigots with candle wax. After many years of use the tapers may become worn, this is easily remedied by applying a thin layer of liquid carbon fibre (available from Herbiseed), to rebuild the tapers. A light sandpapering will ensure the necessary tight fit.

4. Boom section 1

The parallel butt end holds the spray control trigger, pressure regulator and carrying handle. These can be easily adjusted to suit individual needs.



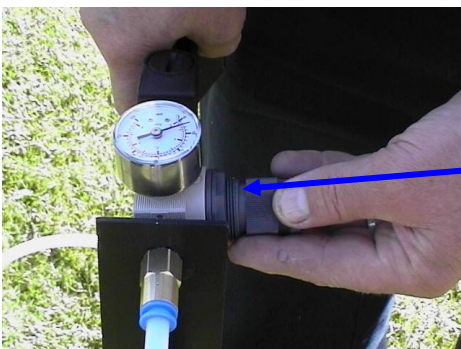
Use screwdriver to loosen handle. Move to required position and tighten.

5. The spray control trigger contains a filter. This should be checked and cleaned regularly. Care must be taken when tightening the inner brass nut to the trigger assembly. Do not over tighten, this could damage the threads.



Trigger assembly showing the location of the internal filter

The spray regulator needs to be adjusted to the required pressure prior to calibration. Only use the pressure gauge as an indicator of the output you require. Pressure gauges are not always 100% accurate. ALWAYS use your calibration outputs (e.g. a correct F110-02 nozzle spraying at 2 bar pressure will always output 650ml per minute).



To adjust pressure, unlock valve by pulling out. Rotate valve to increase or decrease pressure. When desired pressure is reached push in valve to lock in that position.

6. Boom sections 2 & 3

These two tapered sections hold the 6 nozzles fixed at 50cm spacing. The number of nozzles required can easily be reduced using the red 10mm blanking plug



Use tool provided to push in clip and release pipe.

Insert red stopper to new end nozzle



7. The support leg should be fitted between nozzles 4 & 5 so when the boom is placed on the ground it prevents the nozzles coming into contact with the soil. An alternative to using the support leg is to lay the sprayer on its back with nozzles off the ground.



For sales and technical advice please contact:

Herbiseed
New Farm
Mire Lane
West End
Twyford
RG10 0NJ
England

Telephone:

(+44) 118 9349464

Fax:

(+44) 118 9241996

e-mail:

technical@herbiseed.com

e-mail:

sales@herbiseed.com

web site

www.herbiseed.com