



World Leader in Transplanting Technology

WolfPRO Model

Set-up, Delivery & Demo Checklist

Checchi & Magli

INSTRUCTIONS SPECIFICALLY FOR
HEMP

Here is a list of key points to do when setting up a new WolfPRO machine for hemp. There are several key items for optimal machine performance--

The key is to have someone trained on the farm that becomes the C&M WolfPRO EXPERT! Please read and study this manual to understand how to maximize your success.

1) Well prepared/tilled ground

Vegetable farmers know that soil prep is critical for transplanting. We have seen some fields not properly prepared. We just want to make you aware that this makes a difference. We need a consistent, cultivated depth of 7"-8" minimum for the plant to be transplanted properly and thrive.

This soil has been **recently tilled** and prepared. There is **very little old residue** remaining.



2) Well prepared seedling/plug

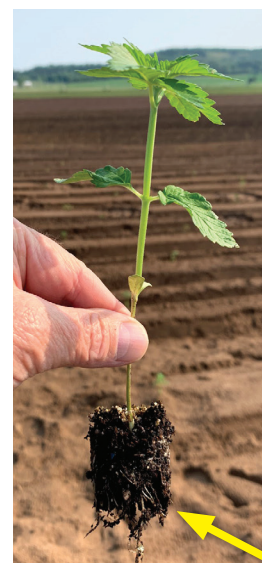
We hope by the time growers will be going into the field that they will have a **healthy mature hemp plug** to put into our machines. Critical to the WolfPRO is that the complete plug pulls out of the tray and that the seedlings are fairly consistent in size.



GOOD



GOOD



BAD

You can see how this root ball is not developed and the plug falls apart when pulled out of the tray. Once planted it takes time for the plant to develop more roots to begin thriving.

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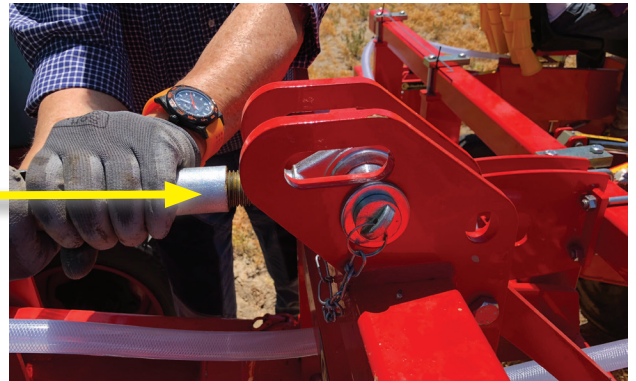
3) Assure the machine is set/adjusted properly and maintained.

Here are some key points to consider when putting our WolfPRO model into the field:

These first two adjustments are critical. When the Wolf Pro has these two adjustments, the machine will not tear the plastic - as the ONLY 2 things riding on the plastic are the packing wheels and the rods that pressure down, or that keep the plastic down under each row unit. When properly set the row unit does not touch the plastic.

A) 3 POINT LINKAGE VERTICAL -

The 3 point linkage must be either vertical OR leaning slightly toward the transplanter (NOT leaning toward the tractor). With the transplanter leaning slightly away from the tractor we allow for **better down pressure to the packing wheels**.



B) LOWER THE DRIVE WHEELS AND LEVEL THE MACHINE -

Be sure that you ratchet down the drive wheels down into the furrow so that the drive wheels engage the ground and that the machine is level/horizontal. The drive wheels must follow the tractor tires.



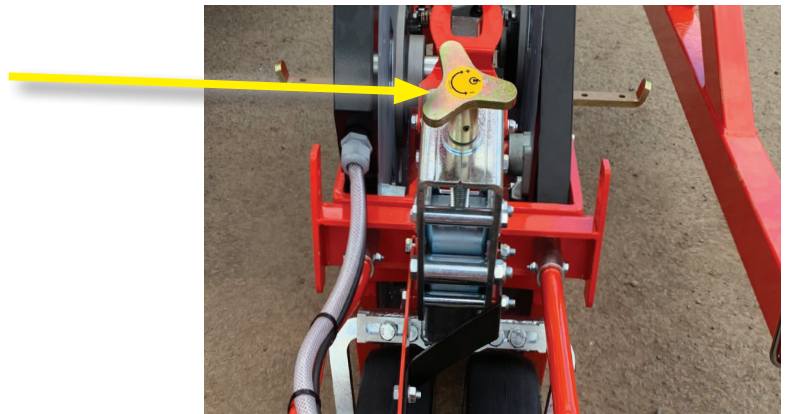
C) ADJUST PACKING WHEELS--

Be sure that the packing wheels are adjusted so that there is enough room for the tires to go around the seedling being planted - if its too tight the wheels will pull the plant back out of the hole/ground. As you notice, you can adjust the tires to be slightly angled.



D) ADJUST DEPTH GAUGE--

The depth gauge is located on top of the packing wheels. A good setting to start with is "3". Then you can adjust it from there.



E) TURN ON AND ADJUST WATER FLOW--

Make sure the water is turned on - you can increase slightly the PSI (for greater spray pressure) but max 30 PSI on a single row and max 45 PSI for a 3 row. You can adjust the quantity of water and the positioning of each drop of water.

The Wolf Pro applies water after the seedling is planted in the ground and then packs the soil firmly with our packing wheels.



Primary Water TIMING Adjustment

To adjust the water trip to land on the plant, this is the primary adjustment. Loosen these 2 nuts and move it backward or forward to the point where water drops on your targeted area.



Secondary Water Timing Adjustment top black knob

Quantity of Water Per Plant Adjustment right side black knob



***Note:** This is the plug-in to the WolfPRO electronic watering device. It does not hook up to some tractors. We want to give you a heads-up on this.

Inside the plug :
the "RED" wire is positive
the "BLACK" wire is negative
The brown and blue wire are ground wires

We do have a socket adapter available at no charge if it does not work with your tractor plug. Please contact Teresa at: teresa@allenintl.net or 801-400-8397.



We have provided additional info on the next page - but the above steps are critical to the intended performance of the WolfPRO.

KEY WOLFPRO ADVANTAGES OVER THE COMPETITION AND OUR STANDARD WOLF -

1) Electronic watering system - water applied directly on seedling after seedling is planted and packed in ground.

2) Parallelogram - for consistent planting depth - each row follows the contour of that row which enables row unit to float up and down approx 3".

3) The Wolf Pro has heavier duty planting cups - built heavy duty - twice the size/weight of the standard Wolf cups.

4) The tear in the plastic caused by the cup going down into the ground is only slightly larger than the size of the cup. The Wolf Pro cup goes down and up so quickly that the tear/cut in the plastic is minimal.

5) Easy to change the cups - the process of changing cups is approximately 5 minutes per cup. The process of changing the standard Wolf cups is one to two hours.

6) The cups have a self-cleaning scraper as the cups come out of the ground each time.

7) The packing wheels are bigger and pack tighter.

8) The WolfPRO is faster than the Wolf and 2 to 3 times faster than a water wheel.

The Wolf Pro can handle seedlings/plugs up to 2.5"x2.5" wide. 40 count trays and up - so 50, 72, 98, 128, etc.

Here is the Wolf Pro plant spacing chart.

The machine holds up to 8 cups.

1 cup - plant to plant distance is 79"

2 cups - " " " - 39"

3 cups - " " " - 26"

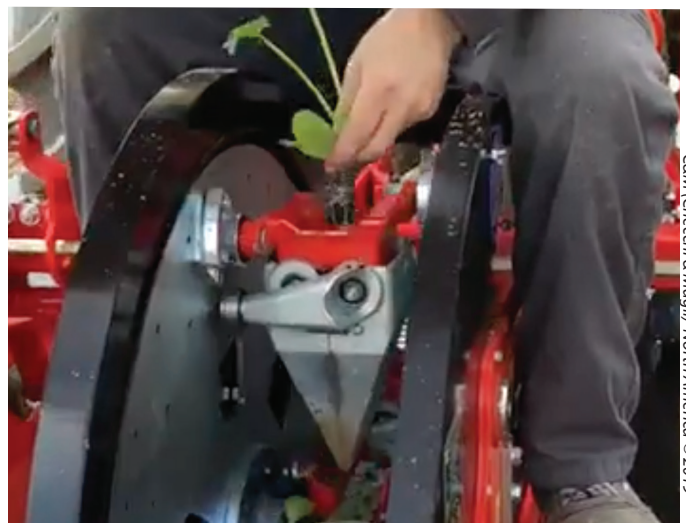
4 cups - " " " - 20"

5 cups - " " " - 15"

6 cups - " " " - 13"

7 cups - " " " - 11"

8 cups - " " " - 10"



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Data provided may change according to soil conditions.