

Better Tillage. Better Tomorrow.

# Presentation Title Goes Here

Presented by:

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22/12/2022









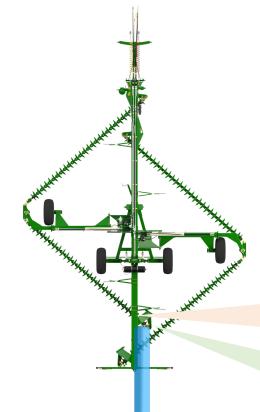
### Ridge to the right of centre

### Front left gang too low.

- leading edge at front of chain gang can create ridges if set too low.
- In this instance the Swivel is set too low and will throw soil to the right of centre.

### Solution

- Firstly ensure the main frame is parallel to the soil surface, correcting the drawbar height for adjustment.
- If needed, also raise swivel height adjusting chain links until the first disc just skims the ground.
- NB changing the drawbar height will effect the rear of the machine also. It is critical to level the main frame before making further adjustments.



Surface profile

**Furrow to right of centre** 

### Rear of left rear gang is too low.

- The trailing edge of chains can create furrows.
- The rear should counteract the slight ridging from the front gang. Balancing the effect is managed by adjusting either rear only or both front and rear swivel heights.

### Solution

- Ensure main frame beam is parallel to the soil surface.
- Raise swivel height adjusting chain links until end disc just skims the ground.
- Further fine tuning may be required.

### Furrow

Ridge



### Ridge to the left of centre

### Furrow to left of centre

# Front right gang too low. Surface profile

Ridge

Furrow

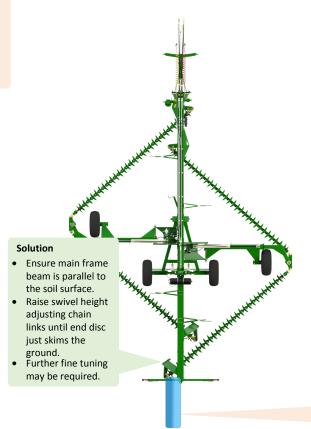
· leading edge at front of chain gang can create ridges if

set too low.

In this instance the Swivel is set too low and will through soil to the left of centre.

### Solution

- Firstly ensure the main frame is parallel to the soil surface by correcting the drawbar height.
- If needed also raise swivel height adjusting chain links until the first disc just skims the ground.
- NB changing the drawbar height will effect the rear of the machine and front left chain height also. It is critical to level the main frame before making further adjustments.



### Rear of right rear gang is too low.

- The trailing edge of chains can create furrows.
- The rear should counteract the slight ridging from the front gang. Balancing the effect is managed by adjusting either rear only or both front and rear swivel heights.

Surface profile

### Ridge to the left with furrow in centre

Ridge

**Furrow** 

### Broad ridge through centre

Surface profile

### Front of right front gang too low • Frame is probably parallel to the soil surface but front right swivel is adjusted too low. Solution Using the height adjustment chain links, raise the leading swivel of the right gang until the first disc skims the surface. It can be a fine balance between too much and not enough adjustment. This is an idiosyncrasy of this machine. Half link adjustments of the height adjustment chain can help manage this. Rear of right rear gang too low. Rear most swivel on right gang is also adjusted too low. Solution Raise rear swivel adjusting chain links until last Surface profile disc just skims

the ground.

### Front Too Low.

- leading edge of front chains create ridges
- It is likely that the drawbar height adjustment is incorrect. The front of the machine is working more aggressively than the rear.
- There is a see saw effect when the front of the machine is lowered, the rear is raised and vice versa.

### Solution

- Ensure main frame beam is parallel to the soil surface.
- With main beam parallel, it may be necessary to adjust the two front swivel height adjusting chains to raise the leading discs just clear of the soil surface.
- It may also be necessary to lower the rear swivel using the adjusting chain links. Lower until last disc just skims the ground.

### Ridge to the right with furrow in centre

### Ridge either side of hollow centre

### Front of left gang too low.

- leading edge at front of chain gang can create ridges if set too low.
- soil to the right of centre.

### Solution

- parallel to the soil surface, by
- If needed also raise swivel height adjusting chain links until the first disc just skims the ground.

• In this instance the Swivel is set too low and will throw



- Firstly ensure the main frame is correcting the drawbar height.
- NB changing the drawbar height will effect the rear of the machine also. It is critical the main frame is parallel tot he soil surface, before making further adjustments.

urface profile

### Front Too Low.

- leading edge of front chains create
- It is likely that the drawbar height adjustment is incorrect - too low.

### Solution

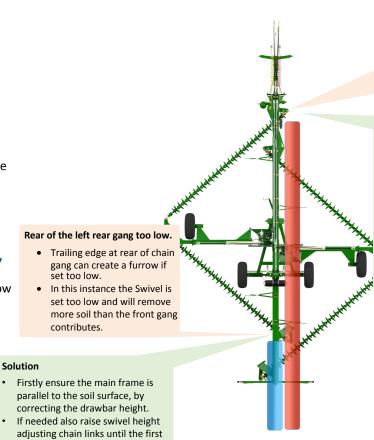
- Firstly ensure the main frame is parallel to the soil surface by correcting the drawbar height.
- If needed also raise swivel height adjusting chain links until the first disc just skims the ground.
- NB changing the drawbar height will effect the rear of the machine also. It is critical the main frame is parallel to the soil surface, before making further adjustments.

### Either of the rear swivels are set too low.

- The trailing end of the rear gangs is leaving a furrow.
- In this instance the Swivel is set too low and will throw soil to either side of of centre.

### Solution

- Firstly ensure the main frame is parallel to the soil surface by correcting the drawbar height.
- If needed also raise swivel height adjusting chain links until the last disc just skims the ground.



Surface profile

Ridge

Furrow

Solution

set too low.

contributes.

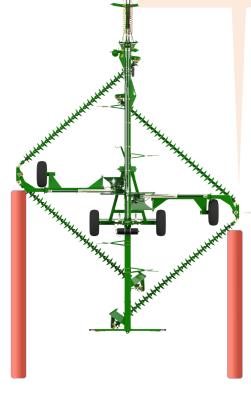
parallel to the soil surface, by correcting the drawbar height.

disc just skims the ground.

### Ridge at either edge of the pass

### Front of rear gangs too low.

- The leading discs on the rear gangs, if adjusted too low, will create a ridge at the outer extremities of the machine.
- Either or both sides may display this.

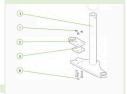


Surface profile

### Furrow at either edge of the pass

### Solution

- Raise swivels at rear of inverted T balancing arm.
- The rear swivel mount should be set 32mm above the forward swivel.
  Ensure the mount is assembled as below.

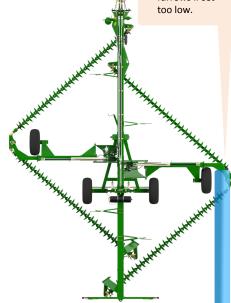


 Raise the whole T assembly by removing spacer clamps from the bottom and reinstalling them at the top.



## Rear of front gangs too low

 Trailing end of gangs can cause furrows if set too low.



### Solution

- Raise the inverted T balancing arm to lift the swivel at the rear of the front gang.
- Check wing wheel air pressure is correct.

Surface profile



Ridge



**Furrow** 



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# Thank you!





