



Spreading Very Low Rates Version 010



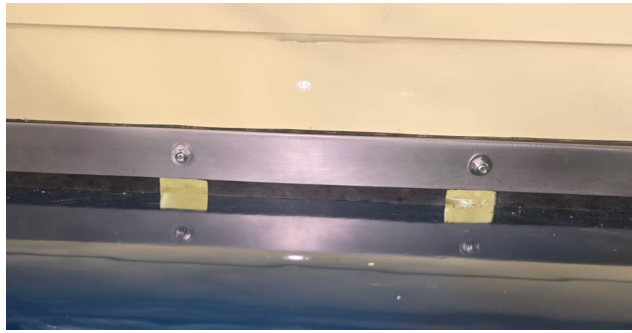
PRECISION
AGRONOMICS AUSTRALIA

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Low rate hopper door

- Very low rates for pest control (below 10kg/ha, treated grain, insecticide granules, mouse bait)
- Modified door shown below
- Rubber strip with 2 cutouts
- Each cutout is 40mm x 10mm (so door is really 80mm wide x 10mm high)



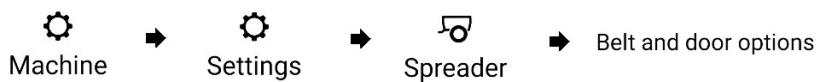
The trick

- Settings have limits, you cannot enter very small rates
- You need to trick the setup
- Make the door width 10 times bigger (so the belt goes 10 times slower)
- Then make your target rate 10 times bigger (so the belt goes 10 times faster)
- The two settings cancel each other out (so you get the correct rate)

Example

- Door is actually 8cm wide so make it 80cm
- You want to spread 1kg/ha so enter 10kg/ha
- The belt will run at 1kg/ha because it thinks the opening is 10 times wider

Machine setup

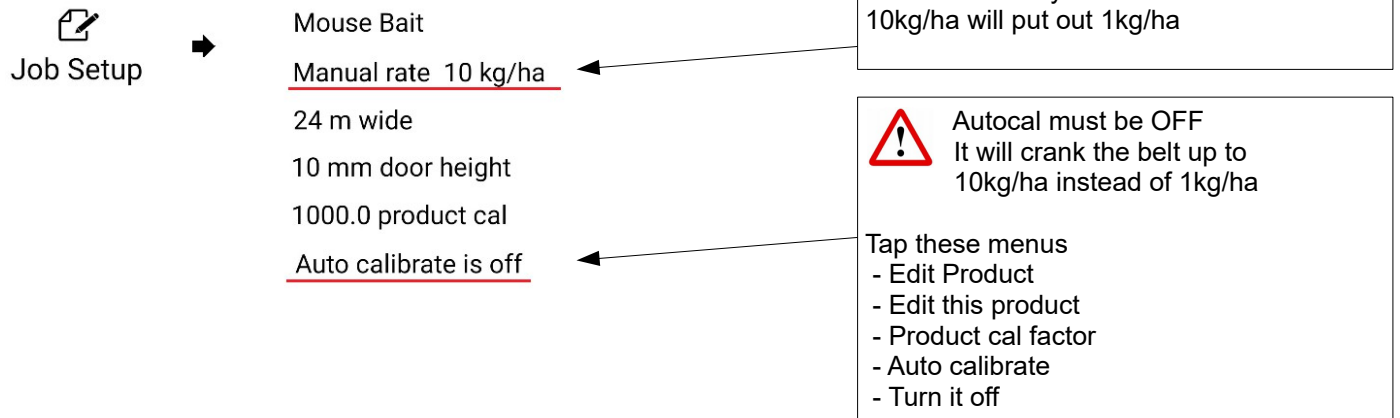
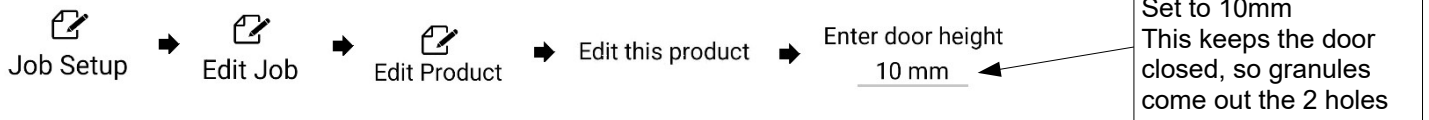


Roller diameter	0.231 m
<u>Door width</u>	<u>0.8 m</u>
Belt sensor cal	560
Belt slip cal	800
More info...	Done

Hold this down for 10sec
(you cannot tap it, it is locked)

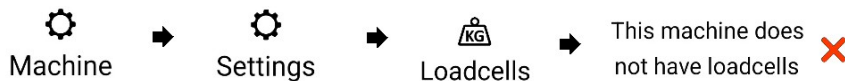
Change it to 0.8
(this is 80cm, 10 times bigger than actual)

Job setup

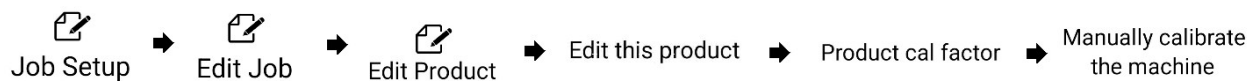


Turn off loadcells

- Turn off loadcells (they cannot weigh small calibrations)



Calibrate the product



- Ignore message 'Minimum 200kg' tap Next
- Enter 20km/h
- Enter your rate as 10 times your desired rate (enter 10kg/ha if you actually want 1kg/ha)
- Hold the Next button down (you cannot tap it)
- Run the belt, catch the product in a bucket, about 5kg or 10kg
- Hold the Next button down (you cannot tap it)
- Weigh the product in the bucket
- Enter 10 times the weight in the bucket (if you weighed 5kg, enter 50kg)
- Tap Save, do the cal again to double check it

i Tip – you can use a shop vacuum to catch the product flowing out the door

Get more info and help

- Connect to the internet
- Scan the code →
- Or Google i4M
- Tap Support > Spreader > i4M-Version3

