



Using Auto Calibrate Spreader V3



Scan for help

What is auto calibrate?

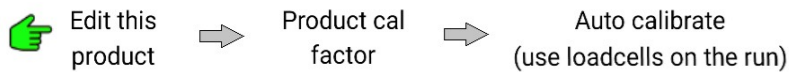
- This adjusts your product cal factor while you are spreading
- It uses the loadcells to measure the output on the run

Where do I start?

- Open the Edit-Product menu



- Now open the Auto-calibrate page



Do you want to use auto cal?

This uses loadcells to calibrate while you are spreading. [More info...](#)

No Yes

Tap here to make your spreader accurate

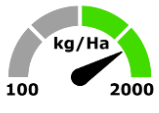
Turn autocal on

- Set your sample size, big is better

Choose the cal sample kg = 1200 kg

Less  More

Good for high rates, above 500 kg/Ha



Cancel [Help](#) Done

How much do you want to weigh for each sample?
Move the slider, the gauge will help you decide

Small sample

- Will calibrate often
- Cal factor might jump up and down a bit

Big sample

- Will take longer to calibrate
- Will be more stable

Tap Help - it has the best info



Warning

Autocal calibrates after the first sample

- Your output might be wrong while you spread the first sample
- You must manually calibrate it first
- Do a standing calibration at the stack



Edit this
product



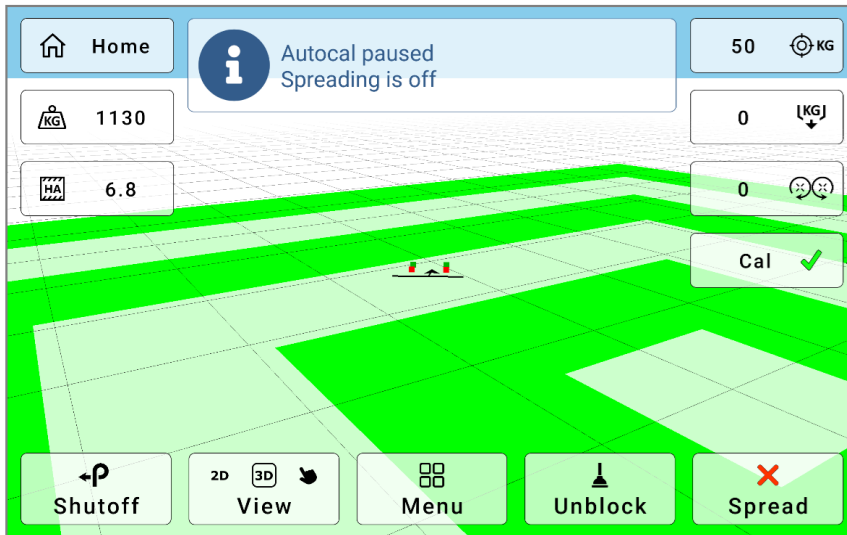
Product cal
factor



Manually calibrate
the machine

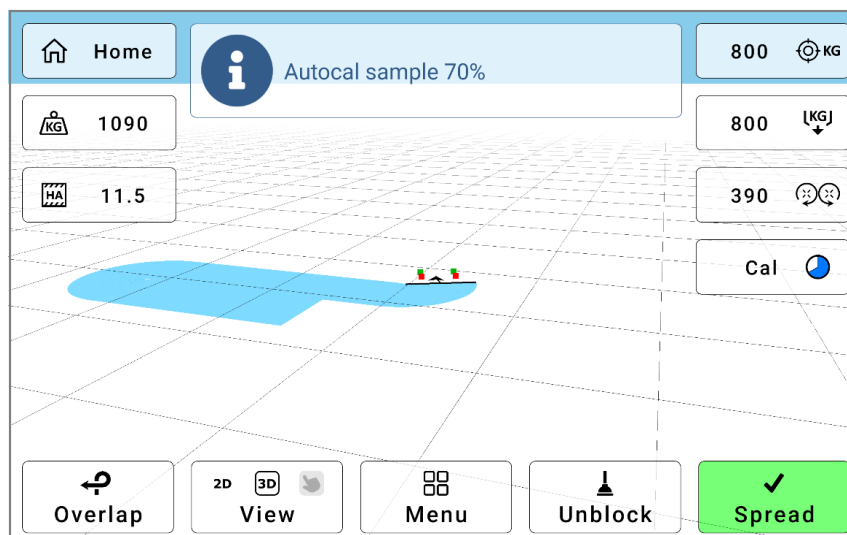
How do I know it's working?

- The work screen shows you cal info while you're spreading



Tap the Cal button to see what
it's doing

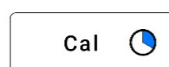
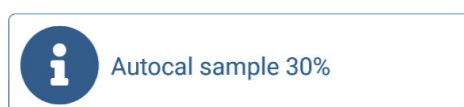
Message displays at the top of
the screen



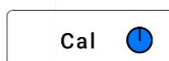
When spreading is on

Pie icon shows progress of the
sample

Tap it to see the percent



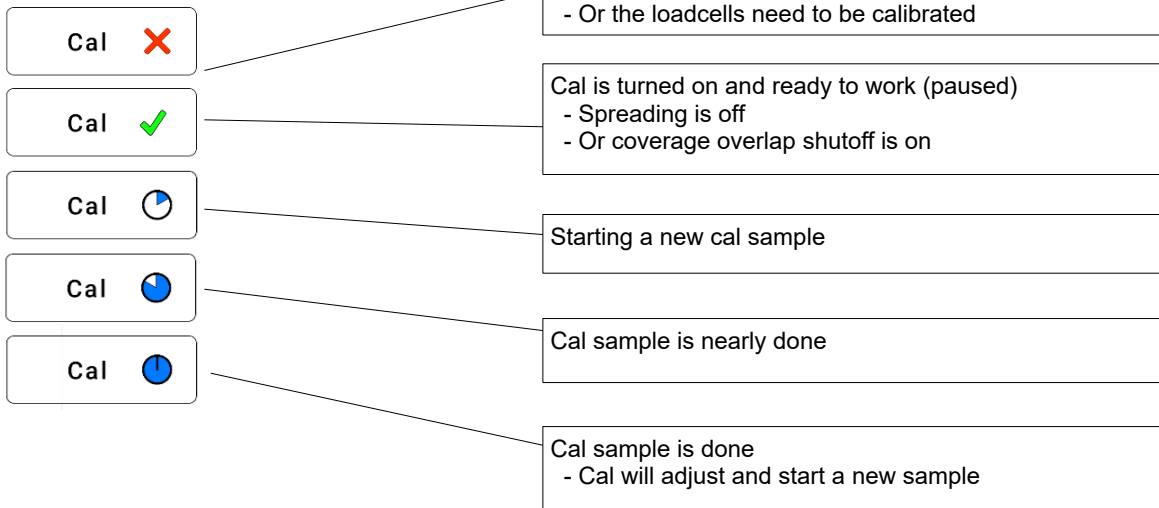
Tap to see the cal sample
progress



When the pie is full, the sample
is done, it will adjust the cal

Tap to see the result

Cal button icons



Handy tips

- Do not use autocal for very low rates (like seeds, snail pellets etc)
- Manually calibrate when you start a new product
- Use a big sample size
- 20kg loadcell error, your cal is 5% wrong (400kg sample size)
- 20kg loadcell error, your cal is 1% wrong (2000kg sample size)

Why does autocal turn off when I'm spreading?

- It will pause if the hopper is nearly empty (under 400kg)
- It will pause if the coverage overlap shutoff is on

I set my sample size to 400kg. Why does it keep going more than 400kg?

- There is a minimum hectare size also
- You must cover more than 0.4ha for each sample

My product cal always changes

- This is normal
- Product flows differently all the time
- Full hopper might flow faster
- Half hopper might flow slower
- Driving uphill, fert might flow faster out the back
- Driving downhill, fert might flow slower out the back
- Product may pack down in the hopper
- Wet and dry pockets flow differently
- Small chunks can block part of the door

Product cal examples

- Sand = 1600 (very heavy)
- Oats = 450 (very light)
- Fert is between these numbers
- Use product density if you are stuck (it will be wrong, so you must calibrate)

Big cal increase (message on the work screen)

- The product cal has doubled
- Maybe ok for the first sample
- Not ok if it happens over and over

Big cal decrease (message on the work screen)

- The product cal has halved
- Maybe ok for the first sample
- Not ok if it happens over and over

New cal is too big (message on the work screen)

- The product cal has maxed out
- It's way too big
- Do the troubleshooting checks

New cal is too small (message on the work screen)

- The product cal hit the minimum limit
- It's way too small
- Do the troubleshooting checks

Autocal troubleshooting checks

- Blocked door
- Wrong door height
- Belt sensor problem
- Belt slipping
- Loadcell calibration
- Loadcell problems