

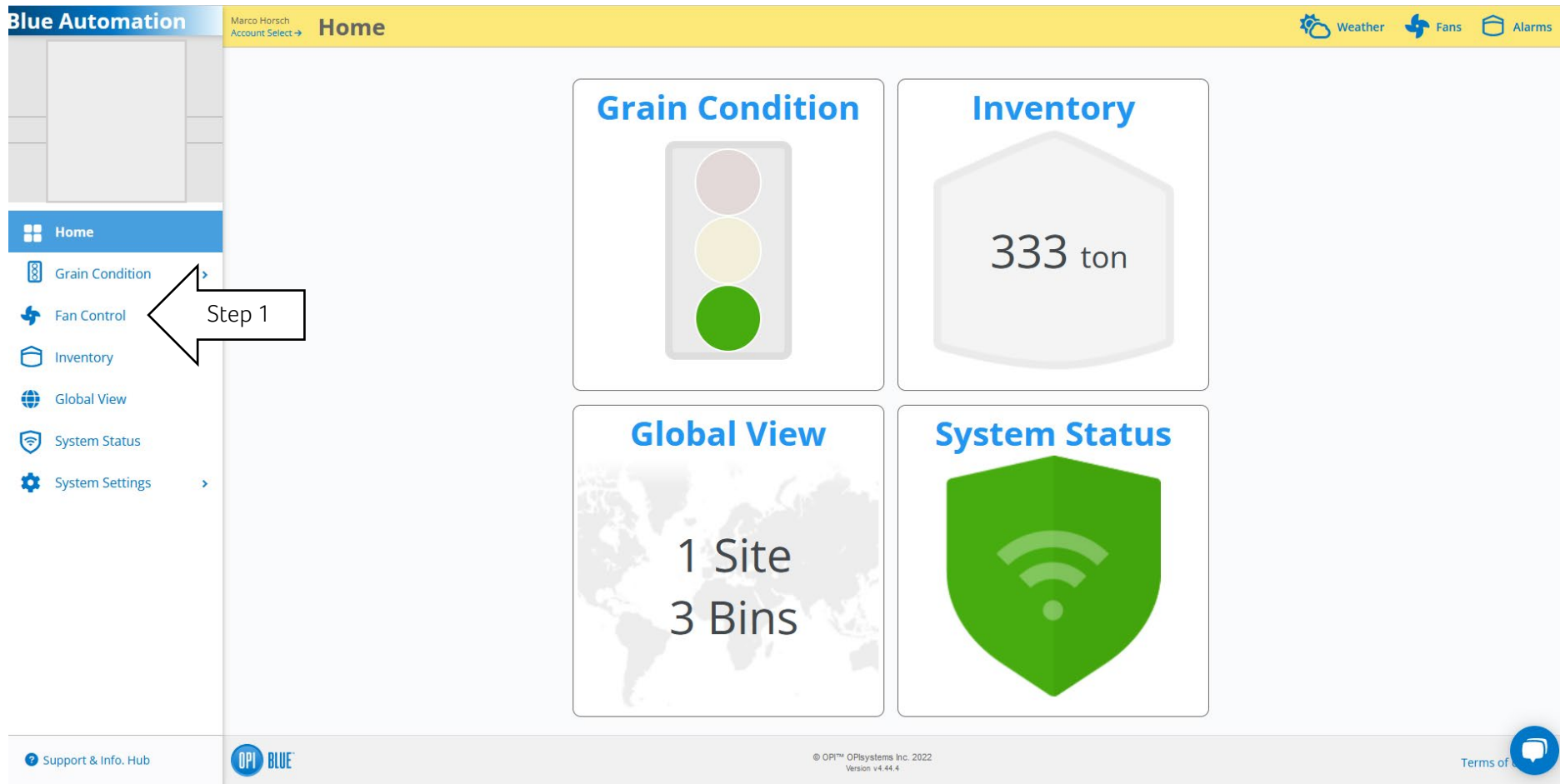
## NAD-mode

Drying without optional heater

### Fruits:

|          |              |
|----------|--------------|
| Barley   | Gerste       |
| Wheat    | Weizen       |
| Canola   | Raps         |
| Rye      | Roggen       |
| Corn     | Körnermais   |
| Soybean  | Sojabohnen   |
| Chickpea | Kichererbsen |
| Lentil   | Linsen       |

Fördern, lagern, trocknen, managen. Anders einfach.



**After successfully logging in, you will see this start page**

Step 1: To make ventilation settings on your silo system, please press the "Fan Control" button

Fördern, lagern, trocknen, managen. Anders einfach.

Blue Automation

Marco Hirsch

Account Select →

Fan Control

Customize

| Name                 | Mode            | State                 | Fans & Heaters  | Grain Type | Plenum Temperature | Plenum Pressure | Average Grain Moisture | Ambient EMC | Average Grain Temperature | Maximum Grain Temperature | A Ten |
|----------------------|-----------------|-----------------------|---|------------|--------------------|-----------------|------------------------|-------------|---------------------------|---------------------------|-------|
| Siloanlage Sitzenhof |                 |                       |   |            |                    |                 |                        |             |                           |                           |       |
| Silo 1               | MANUAL          |                       | <div>Fan Timer</div> <div>Heater Timer</div>  | Barley     | 29.4°C             | -0.1wc          | N/A                    | 8.5%        | N/A                       | N/A                       |       |
| Silo 2               | MANUAL          | Fan Off<br>Heater Off | <div>Start Fan</div> <div>Start Heater</div> <div>Fan Timer</div> <div>Heater Timer</div> | Corn       | 24.6°C             | -0.0wc          | 13.3%                  | 9.0%        | 18.3°C                    | 18.5°C                    |       |
| Silo 3               | AUTOMATIC - NAD | Fan Off<br>Heater Off | <div>Start Fan</div> <div>Start Heater</div> <div>Fan Timer</div> <div>Heater Timer</div> | Wheat      | 24.1°C             | -0.1wc          | 10.1%                  | 9.3%        | 25.3°C                    | 28.4°C                    |       |

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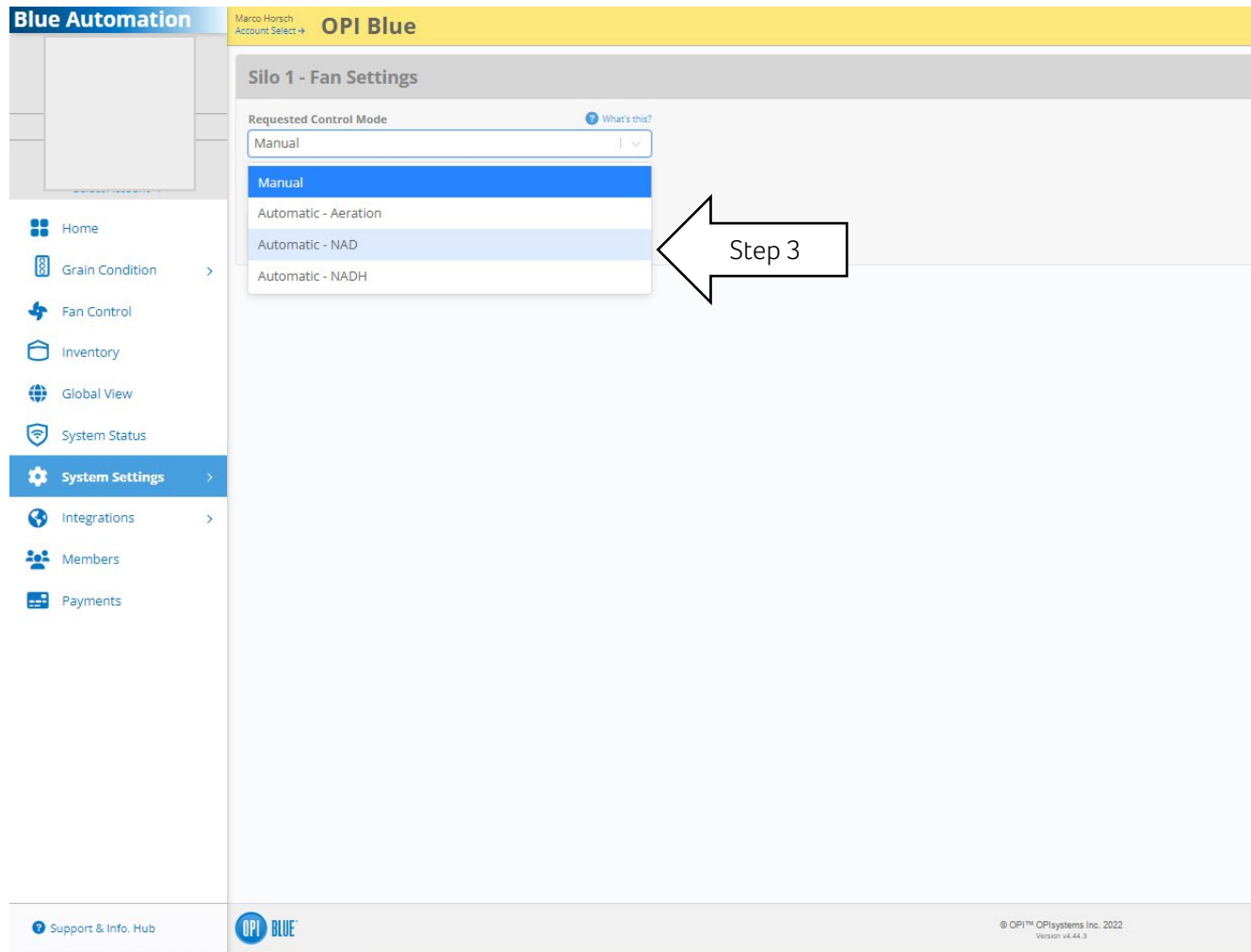
System Settings >

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Step 2: Now click on the "Ring Wrench" button



Step 3: Please select “Automatic-NAD” here

Fördern, lagern, trocknen, managen. Anders einfach.

Blue Automation

Marco Hirsch

Account Select →

OPI Blue

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Silo 1 - Fan Settings

Requested Control Mode

Automatic - NAD

Target EMC Range

5% 13% 14.5% 16% 20%

Target Temperature Range

-7°C 0°C 12°C 25°C 49°C

Important!

To avoid damage, ensure there is grain in the bin before enabling Automated Fan Control.

The system may take up to 24 hours to determine grain level before starting.

☒ Override and begin immediately. (Do not wait for grain level)

Grain Level Confirmation

OPI Blue relies on an algorithm to compute which sensors are buried in grain, allowing for safe operation of fans and heaters. You are about to enable fan control.

1. Grain levels and inventory may not be viewable immediately in OPI Blue;  
 2. Safety risks to equipment and personnel.

I acknowledge that running fans or heaters in an empty bin can cause serious damage or physical injury, as well as incorrect conditioning of grain. I confirm that I have visually inspected this bin, and deem the bin to be in a state to safely operate fans and/or heaters.

☐ I have read and acknowledge the disclaimer.\*

Apply these settings to other bins

Yes No

Advanced Fan Settings

Fan Equalization Time

1800 Seconds

Fan Minimum Off Time

1800 Seconds

Fan Minimum Run Time

2000 Seconds

Fan Sequencing Interval Time

30 Seconds

Fallback Fan Warming

2 °C

Maximum Grain Temperature Setpoint

38 °C

Minimum Ambient Air Temperature

0 °C

Minimum Plenum Pressure Setpoint

1,5 inches wc

Cool Off Period

600 Seconds

☐ Retry Current Mode Indefinitely

Maximum Retries

5

Reset Period

3600 Seconds

Step 4: You can specify a certain humidity range here. The system now attempts to automatically reach a value in this field.

Step 5: You must now specify an outside temperature range for the system in which the fan should dry.

Step 6: If your values differ greatly from the entries on the right, please contact us.

Blue Automation

Marco Horsch  
Account Select →

OPI Blue

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System Settings

**Important!** To avoid damage, ensure there is grain in the bin before enabling Automated Fan Control.

The system may take up to 24 hours to determine grain level before starting.

☒ **Override and begin immediately. (Do not wait for grain level)**

**Grain Level Confirmation**

OPI Blue relies on an algorithm to compute which sensors are b grain, allowing for safe operation of fans and heaters. You are a

**1. Grain levels and inventory may not be viewable immed**

**2. Safety risks to equipment and personnel.**

I acknowledge that running fans or heaters in an empty bin can conditioning of grain. I confirm that I have visually inspected this and/or heaters.

☐ I have read and acknowledge the disclaimer.\*

Apply these settings to other bins

**Yes** No

Step 7: If you tick the blue field, the fan starts up immediately (approx. 15 minutes). This setting is very useful if the crop is known too wet. The system no longer waits for the grain level to be determined.

Fallback Fan Warming

1 °C

Maximum Grain Temperature Setpoint

38 °C

Minimum Plenum Pressure Setpoint

1 inches wc

Cool Off Period

600 Seconds

Maximum Retries

5

Reset Period

3600 Seconds

Minimum Heater Warming

1 °C

Heater Equalization Time

600 Seconds

Maximum Heater EMC

50

Maximum Heater Temperature

38 °C

Minimum Ambient Temperature

-1 °C

Minimum Heater Temperature Rise

1 °C

☐ Failover to NAD?

Step 8: To apply the settings you have entered to other silos as well, slide the slider to "Yes" here.

Step 8

Save Cancel

Step 8: Please save your entries here

Fördern, lagern, trocknen, managen. Anders einfach.

Blue Automation

Marco Horsch

Account Select →

Fan Control

Customize

|   | Name<br><small>Search for bin name</small> | Mode<br><small>All   ▾</small>                 | State<br><small>All   ▾</small> | Fans & Heaters  | Grain Type<br><small>Search for grain type</small> | Plenum Temperature | Plenum Pressure | Average Grain Moisture |
|---|--|--|---------------------------------|---|--|--------------------|-----------------|------------------------|
| ▼ | Siloanlage<br>Sitzenhof                    |  |                                 |   |  |                    |                 |                        |
|   | Silo 1                                     | AWAITING RESPONSE                              | Fan Off<br>Heater Off           | <div>Start Fan</div> <div>Fan Timer</div> <div>Start Heater</div> <div>Heater Timer</div> | Barley   | 28.6°C             | -0.1WC          | N/A                    |
|   | Silo 2                                     | MANUAL<br><small>Control Info</small>          | Fan Off<br>Heater Off           | <div>Start Fan</div> <div>Fan Timer</div> <div>Start Heater</div> <div>Heater Timer</div> | Corn   | 24.3°C             | -0.0WC          | 13.3%                  |
|   | Silo 3                                     | AUTOMATIC - NAD<br><small>Control Info</small> | Fan Off<br>Heater Off           | <div>Start Fan</div> <div>Fan Timer</div> <div>Start Heater</div> <div>Heater Timer</div> | Wheat  | 24.1°C             | -0.1WC          | 10.1%                  |

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Grain Condition

Site Summary

Bin Data

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Step 9: The term "Awaiting Response" now appears in silo 1 under the "Mode" split, which indicates that the system is now processing your settings. Please refresh the page again after a minute. The split should now have the Automatic-Aeration mode applied