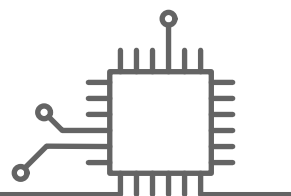




# Original operating manual

Measuring method for the lateral distribution

EasyCheck



SmartLearning





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## Product description

# 1

CMS-T-00000641-B.1

EasyCheck is part of the mySpreader app.

With EasyCheck, the lateral distribution of the fertiliser is measured and setting recommendations are given to improve the lateral distribution. The fertiliser is collected on 16 rubber mats. The rubber mats are photographed with a smartphone or tablet, and the pictures are evaluated. Depending on the selected fertiliser spreader, the EasyCheck app calculates the correct values for the spreading disc speed, the delivery system or the spreading vane position.

# Checking the lateral distribution

# 2

CMS-T-00000630-E.1

16 mats are placed on the field at specific intervals. The distances between the mats depend on the working width of the fertiliser spreader and are displayed in the EasyCheck app. While spreading, the fertiliser is collected on 16 mats. In the EasyCheck app, there is a symbol for each of the 16 mats. Using the mat symbols, a picture can be taken and evaluated for each corresponding mat.

The exact procedure is described in the following.



### NOTE

With transparent, very fine or dark fertiliser, the pictures might not be evaluated correctly in some cases.




### REQUIREMENTS


- ✓ Spreader profile and spreading procedure are created in the mySpreader app


1. In the mySpreader app, tap on "*Optimisation*".
2. Select the desired spreading procedure.
3. Tap on EasyCheck.


#### 4. Check spreader settings.


ICL / Amfert NPK 5+12+24 (+4 +7) gran.


ZAV
V-Set 1


21


10
km/h


50
kg/ha


1

Shutter position

CMS-I-00006103

#### 5. Place 16 mats at the distances specified in the app.

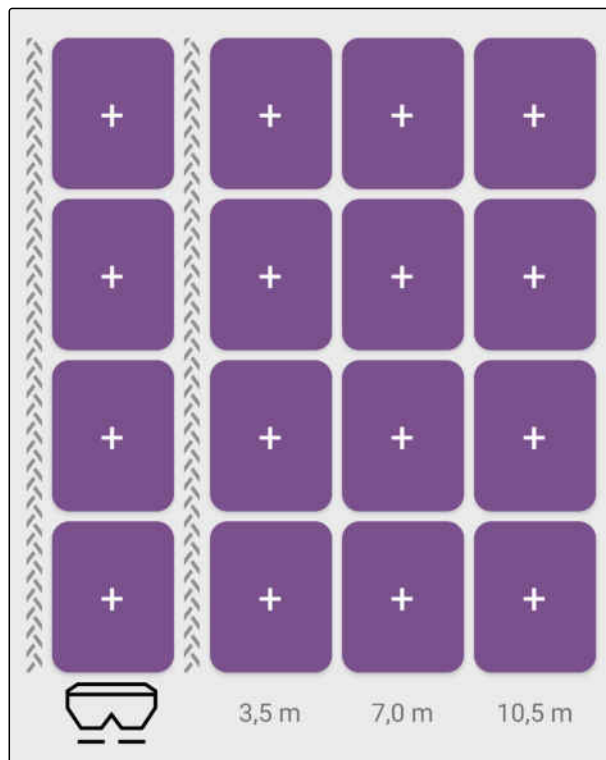


#### NOTE

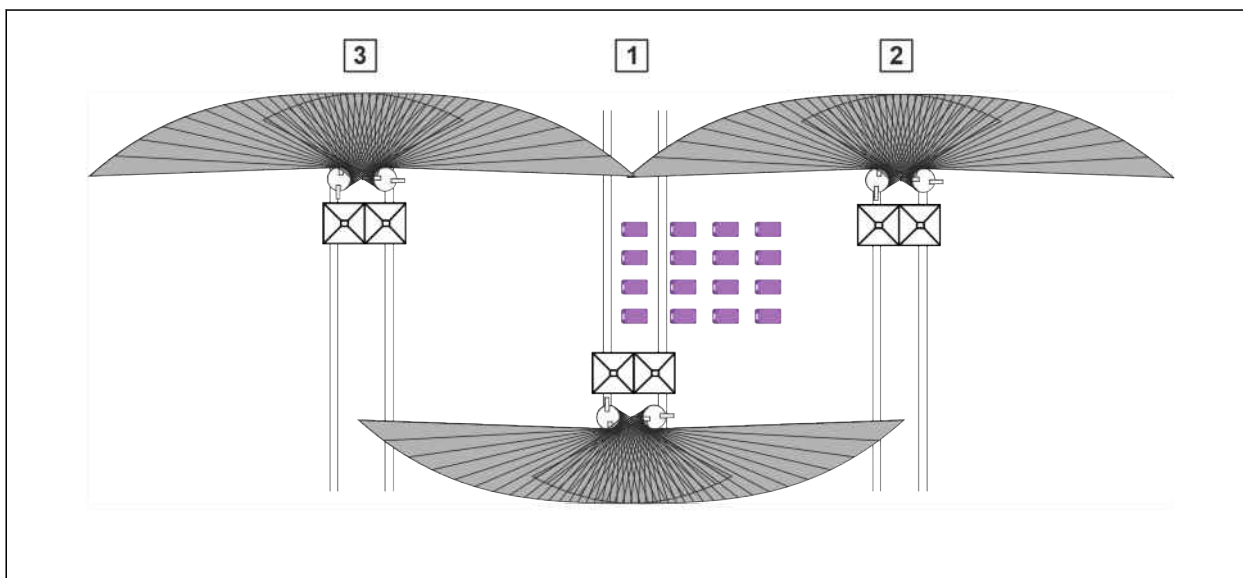
The first row of mats must be placed in a tramline.

The mat spacing specified in the EasyCheck app is based on the centre of the mats.

In the direction of travel, the mats must be spaced at least 1 m apart.



CMS-I-00000537



6. In tramline **1**, drive over the row of mats while spreading.
7. In tramline **2**, drive and spread.
8. *If the fertiliser spreader spreads beyond the next tramline,*  
drive in tramline **3** and spread.
9. *To take a picture of a mat,*  
tap on a mat symbol in the EasyCheck app.



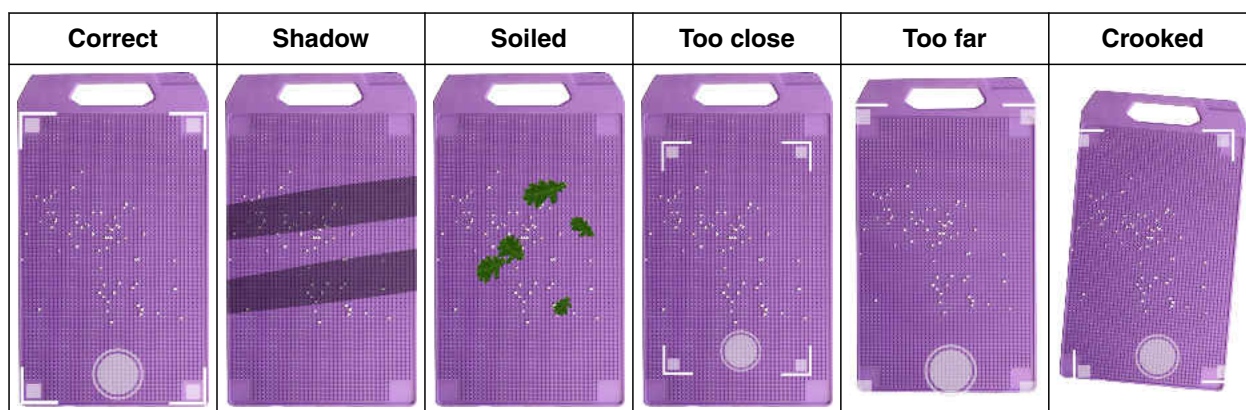
### NOTE

The following table shows a correct example and a negative example for the picture.

#### Rules for the picture:

- The white squares must be located in the notches on the mats.
- They may not be any shadows on the mat.
- The mat may not be covered by plants or objects.
- The mat must be clean and free of dust.



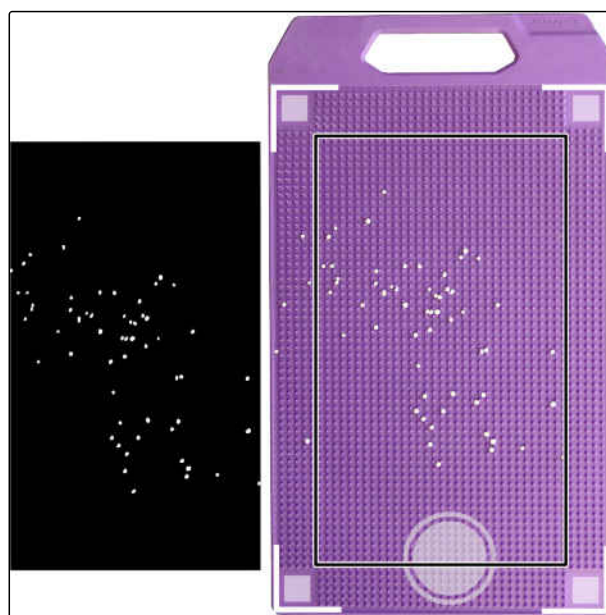


10. Take a correct picture of the mat corresponding to the mat symbol.

➔ The results of the evaluation is shown.

### NOTE

Each white spot on the figure represents a grain of fertiliser. Only the area between the inner corner points of the notches are evaluated.



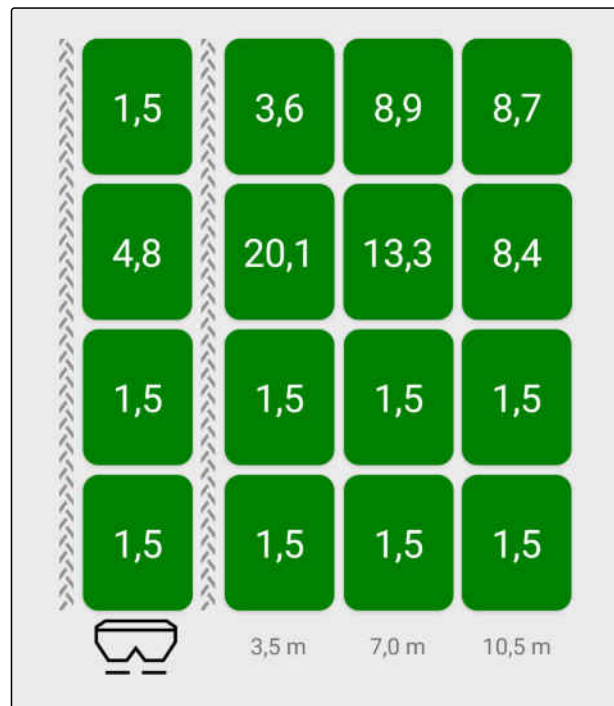
CMS-I-00000536

11. *If the results match with the distribution on the mat,*  
Confirm the determined value with "OK"

or

*If the results do not match with the distribution on the mat,*  
select "DISCARD".

12. Take a valid picture of each mat using the corresponding mat symbol.
13. Select "CONTINUE".



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14. Adjust the fertiliser spreader using the values under "*Optimised settings*".



#### NOTE

The values under "*Optimised settings*" can be changed as needed. The values will be documented.

15. Select "*FINISHED*".
16. Confirm spreader settings.
- ➔ The results of the check will be stored in the history of the mySpreader app.

The screenshot shows the 'EasyCheck' app interface. At the top, there is a back arrow and a question mark icon. Below the title 'EasyCheck', there is a slider bar. A 'Recommendations' section displays four columns labeled I, II, III, and IV. Each column has a bar chart with an orange base and a grey top. Below the charts are input fields with the values 3,2, 11,9, 11,1, and 8,6. A text box states 'Optimisations are shown at the bottom left.' The 'Optimised setting' section includes 'Spreading disc speed' with a circular arrow icon and a value of 720. Below that, there is a row of icons and values: 5, 46, and 12 / 47. At the bottom, there is a large orange button labeled 'Finished'.

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## Cleaning the mats

3

CMS-T-00004870-A.1

- Clean the mats thoroughly with normal household cleaning agents.





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