

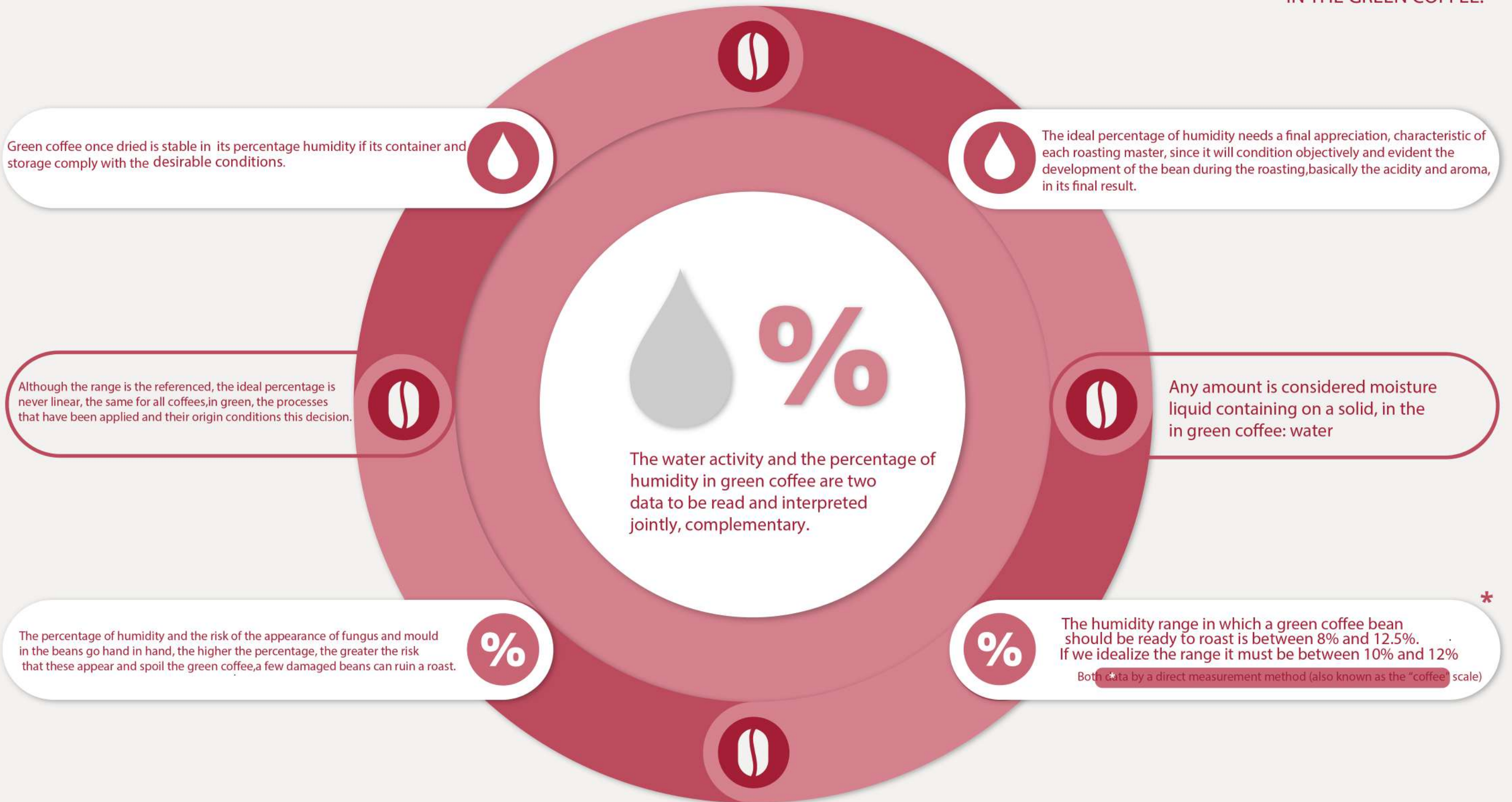
# HUMIDITY

in the Green Coffee Bean



## APPRECIATIONS ON HUMIDITY

IN THE GREEN COFFEE:



It is a trend, increases the sensory profile of the cup, try, work with humidity percentages of 15% in the scale of coffee, but at the moment it has not been implemented due to the development of microorganism of the bean and the priority in its health.

Green coffee is sold by weight, not a good idea buy water at product price to a greater extent than the strictly necessary.

## A NECESSARY STEP

Communicate clearly between the two parts, the method and scale that was applied in the test

## NOT ALL HUMIDITY PERCENTAGES

IN GREEN COFFEE ARE THE SAME DIRECT



### MEASUREMENT DATA

It is an empirical model for weight difference, the sample is weighed before dry it, it dries on a stove, there are several models, or in lamps dry it, infrared for a set period of time, weighing again and After this period, will give us the water difference that has migrated in the process. All direct measurement methods lack a constituted time and temperature complex for analysing and verifying them.

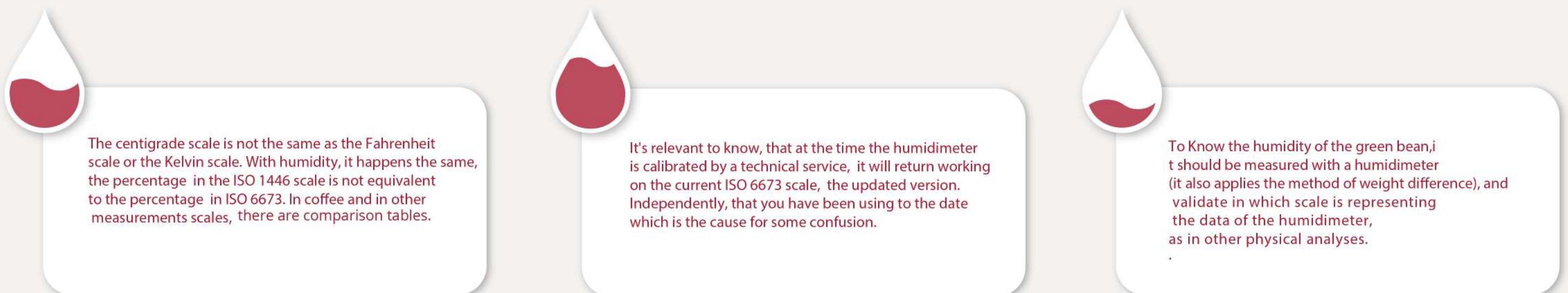


### INDIRECT MESUREMENT

The bean humidity measurement is base on the electrical frequency emitted that circulates through it, there are two types that compass all of them, those that do it by the electrical resistance of the bean, which is practical, portable and not highly-priced, but you will miss the millimetric precision. On the other side, the ones that do it on the constant dielectric of the bean more precise but bulky, complex and expensive consequently less popular.

## A brief overview

The tools to measure humidity in green coffee



## Conversion table

It allows each individual to apply the method that is more comfortable in terms of usability and to be able to take the most accurate and efficient measurement possible.

Direct method Coffee scale	Direct method ISO 6673	Direct method ISO 1447 / 1446	Direct method ISO 6673	Direct method ISO 1447 / 1446
10,00 %	6,59 %	8,85 %	7,28 %	9,78 %
10,50 %	7,72 %	9,52 %	8,10 %	9,99 %
11,00 %	8,76 %	10,20 %	8,91 %	10,37 %
11,50 %	9,70 %	10,91 %	9,73 %	10,94 %
12,00 %	10,55 %	11,64 %	10,55 %	11,64 %
12,50 %	11,30 %	12,38 %	11,37 %	12,46 %
13,00 %	11,96 %	13,15 %	12,18 %	13,39 %
13,50 %	12,52 %	13,94 %	13,00 %	14,47 %
14,00 %	12,98 %	14,75 %	13,82 %	15,70 %
14,50 %	13,35 %	15,58 %	14,64 %	17,09 %

