

Name:

Percentage of natural area.

Definition:

Relationship between the natural vegetation area and the total area of the farm. Based on aerial photography and taking into account the boundaries of each farm, it is possible to determine the relationship between the natural vegetation and the total area of the farm.

An assessment can be made regarding the structure of the natural vegetation (trees, bushes, herbaceous) by multiplying the percentage of area of each point by a value / coefficient depending on the vegetation structure of each place.

Calculation method:

The value of this indicator shall be calculated as explained below:

$$- \text{Indicator} = \sum A_i * C_i / A_T$$

Where:

A_i : Natural area (ha)

C_i : Weighting coefficient of the importance of the natural area

A_T : Total area of the farm

Interpretation:

Natural areas on the farm provide various environmental benefits, therefore increasing or improving biodiversity.

Information source:

A_i : Natural surface measured in the field or by aerial photography

C_i = Coefficient (see the table below)

Kind of vegetation	Coefficient
Only trees	1
Trees and bushes	0.8
Only bushes	0.7
Mixture of trees, bushes and herbaceous	0.7
Trees and herbaceous	0.6
Bushes and herbaceous	0.5
Only herbaceous	0.4

A_T : Total area of the farm. Data obtained through a survey to farmers.

Maximum and minimum values:

The values of this indicator range from 0 (without natural vegetation area on the farm) to 1 (the 20% or more area of the farm is covered by native trees).