

How quality score is calculated?

When you classify a control point you receive:

Maximum: plus 20 points

Minimum: minus 15 points.

You will get maximum points if you identify field's size categories and dominant field size category correct!!!

Formula:

$$20 - D*10 - E*5$$

D is either 0 or 1, dominant field size has been correct or not correct

E is a total number of mistakes (errors) in identifying field sizes in the red box! If you have missed one field size category, or identified a wrong one – these are errors that we count.

In case of “No fields” –if correct plus 10 points, if not correct –minus 10 points.

The same rule for Skipping images because of low resolution.

Example:

Expert classification

| | |
|---------------------------|----------|
| Very large (>100 ha) | dominant |
| Large (>16 ha) | dominant |
| Medium (2.56 ha -16 ha) | dominant |
| Small (0.64 ha - 2.56 ha) | dominant |
| Very small (<0.64ha) | dominant |
| No fields | |

If your classification fully matches with expert classification you get 20 points!!!

Your classification

| | | | |
|-------|---------------------------|----------------------|----------|
| Wrong | Very large (>100 ha) | Dominant is Correct! | dominant |
| | Large (>16 ha) | | dominant |
| | Medium (2.56 ha -16 ha) | | dominant |
| | Small (0.64 ha - 2.56 ha) | | dominant |
| | Very small (<0.64ha) | | dominant |
| | No fields | | |

D=0
E=2
Total number of points:
 $20 - 0*10 - 2*5 = 20 - 10 = 10$

Your classification

| | | |
|-------|---------------------------|----------|
| Wrong | Very large (>100 ha) | dominant |
| | Large (>16 ha) | dominant |
| | Medium (2.56 ha -16 ha) | Wrong |
| | Small (0.64 ha - 2.56 ha) | dominant |
| | Very small (<0.64ha) | dominant |
| | No fields | |

D=1
E=5
Total number of points:
 $20 - 1*10 - 5*5 = 10 - 25 = -15$