Image Capture Protocol

This protocol seeks to guide, in the best possible way, the correct capture of animal images, as well as to propose the correct filling out of the image and data submission form, in order to resolve any doubts.

1. Guidelines

    1.1. Quantity of images per individual: 6.

    1.2. Required poses:

        1.2.1. Front pose: 2 images.

Figure 1: Examples of images with frontal poses

        1.2.2. Lateral pose: 2 images on the left side and 2 images on the right side.

Figure 2: Examples of images with lateral poses.

1.3. Resolution: Best available resolution.

1.4. Framing: focus on the face of the cow (include ears).

2. Situations to avoid

2.1. Avoid blurry photos.

2.2. Avoid environments with large variations in lighting.

2.3. Avoid multiple faces.

2.4. Avoid taking the photograph while the animal is feeding (the movement of the cow's mouth can hinder the analysis of the images).

2.5. Avoid image obstruction.

Figure 3: Example of obstruction (left), lighting problem (center) and multiple faces (right).