

Five ground rules to preserve our insects' wellbeing

Insects are the formidable force of nature. They are our greatest upcycler, they thrive on organic waste and can supply mankind with a much needed new source of high quality protein, lipids and micro-nutrients. At Protix we therefore take good care of our insects and make sure their welfare is our priority. These are the ways we do so.

1. Maintaining integrity and health

Different studies indicate that it is unlikely insects can experience pain and that it is unlikely insects can even perceive their own welfare state. But the absence of evidence is not evidence of absence. This is why we use the precautionary principle, which means that at Protix we always maintain the integrity and health of an insect where reasonable.

2. Creating an optimal climate

Climate is crucial factor for procreation en growth. The Black soldier flies we keep at Protix originally come from the subtropics. We therefore make sure the climate our insects thrive in, is similar to that of their ideal habitat. This way we provide our friends freedom from discomfort and ability to express their natural behavior.

3. High quality feed

Insects thrive on organic waste. At Protix we make sure that the organic by-products we feed our insects are plant-based and of high quality. Our production facility is acknowledged by GMP+. Through sensory technology we ensure the insects always get what they want; not too much, not too little – just like humans.

4. Swift processing

When our larvae are fully grown, it is time to process them into high quality protein powder, lipids and micro-nutrients (our production process is a circular system in which no waste is created). When it comes to this point, we always make sure this happens in a fraction of a second. This way we reduce potential suffering to a minimum.

5. A bit of love and tenderness

However we run an industrial level processing facility, in the first place we are insect farmers who work with precious and delicate animals. We therefore always make sure we pay close personal attention to the wellbeing of our insects. We do this from the breeding stage to the final stage of processing.