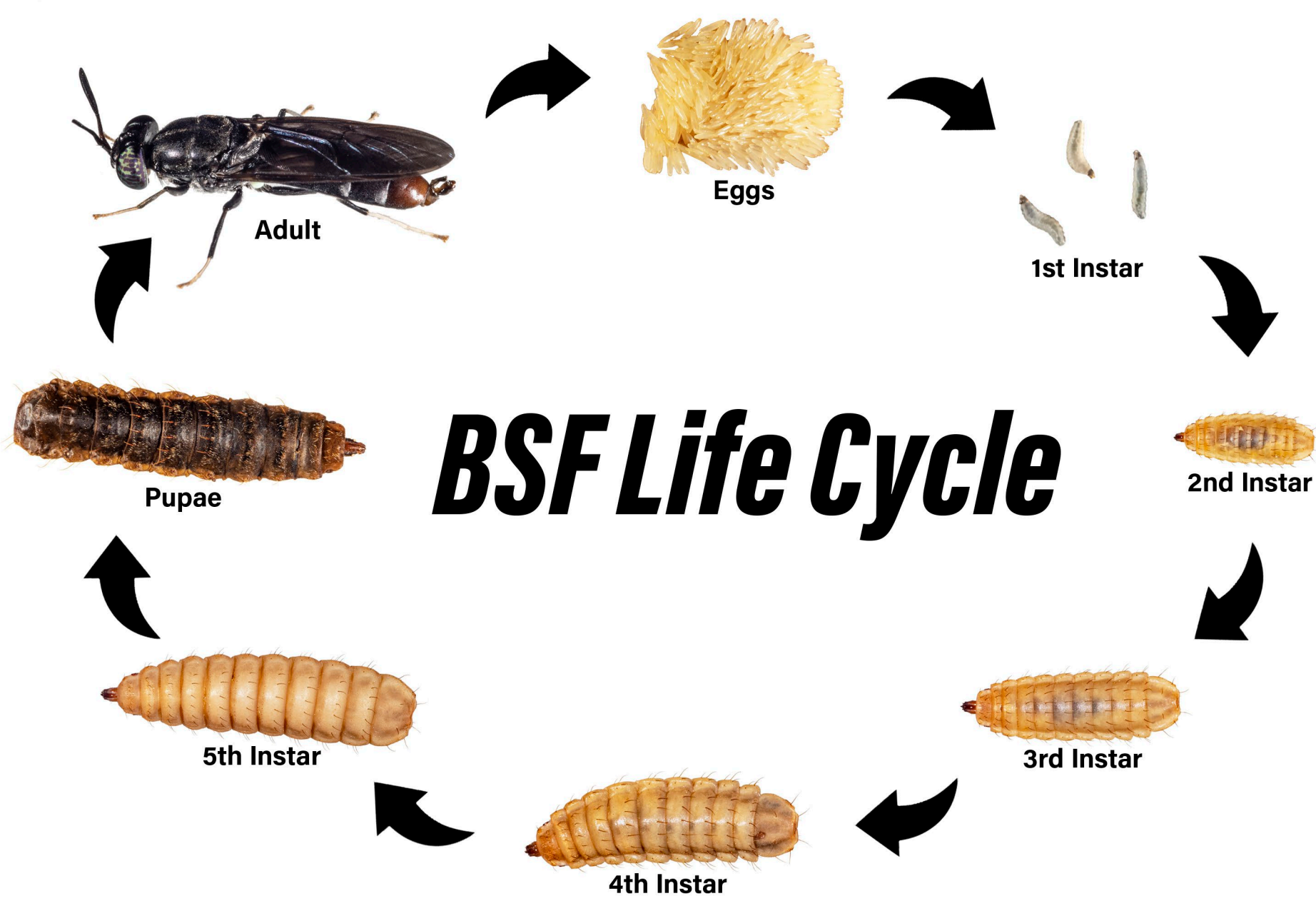


Composting with Black Soldier Flies



Advantages of utilizing Black soldier flies to generate compost

1. Resource base that you can add as feed in the process include vegetable/plant waste, prepared food waste, by-products from food industry (kitchen waste, spent grains from brewing, spent coffee grounds), animal byproducts (meat, blood, milk), manure, or other organic products
2. The flies complete their larval development in approx. 21 days, providing mature compost much more quickly than traditional methods
3. In the process you can harvest the 5th instar larva/pupae and use them as a feed source for a variety of animals

Per 1 gram of BSF eggs you can:

- Recycle 24 kg of organic waste
- Generate 3 kg of rich compost
- Produce 2.4 kg of protein and fat-packed pupae



Pitfalls and Limitations

1. BSF do not survive below 55°F, and therefore don't overwinter in IN without protection
2. Separating the insect and compost can be tedious
3. Fairly new field, still learning how to optimize the system

