

## Easy rearing instructions for black swallowtail butterfly:

- Keep egg in cup with lid on until the caterpillar hatches; this usually takes 11 to 13 days. Throughout this entire life cycle, keep caterpillar out of direct sunlight.
- Do not place food in cup until egg hatches.
- When the egg hatches, place one leaf into container. Be very careful when you close the lid back not to crush the tiny caterpillar. That should keep it satisfied at least for the rest of the day.
- Daily, keep putting in fresh leaves, and allow the caterpillar time to crawl on to the new leaf before removing the old leaf. Repeat this process until the caterpillar is shedding into the second instar (every time they shed their skin, it is called an instar) that usually takes one week. Never disturb a caterpillar that is attached to a leaf or on the sides or top of the container: the caterpillar may be in the process of shedding its skin.
- The second week, the caterpillar is now getting too big for the small hatching container. It is time to put it in something bigger. You may want to have an intermediate stage at this point and put the caterpillar into a cottage cheese container or one of equivalent size.
- Offer fresh food often, and remove old food and droppings at the same time as well! Wash container if needed when adding fresh food. Watch for excess moisture. If you notice moisture developing on the top and sides of the container, make very tiny holes in the lid for ventilation, and wipe away excess moisture. Always dry food-stock before offering to your caterpillar.
- As your caterpillar grows into 4th and 5th instars it will require more care, sometimes replacing leaves one to three times a day! Remove droppings every time also. At this time, it is recommended you move your caterpillar into a screened container for better ventilation. We offer several sizes and styles of insect rearing chambers, starting at \$9.95. Making a small watertight vase to hold the stems of food plant will keep food fresh in between feedings. Never let the leaves dry out.
- As your caterpillar gets older, it will begin to pupate. You will usually see a large pile of digested leaves, and runny stool as the caterpillar prepares to turn into a chrysalis. At this time, place some sticks into the container that span from top to bottom; black swallowtails like to attach to a stick while pupating.
- Your black swallowtail will hatch from its chrysalis in 18 to 20 days. Release it within the second day.
- If this is the second brood of caterpillars for the season (after September 30) chrysalis must be refrigerated after one to two weeks so they can overwinter to emerge in spring. Do not wait more than one to two weeks to refrigerate; the butterfly may begin to hatch. Late hatching swallowtails will not have sufficient time to complete another life cycle. Call for more information on overwintering livestock.
- **Black swallowtail caterpillars eat Queen Anne's Lace, parsley, and fennel.**

*We hope you enjoy the process of watching your caterpillar grow into a beautiful adult black swallowtail butterfly. All of our livestock are deemed healthy at time of purchase. If you loose your caterpillar in spite of your best efforts, some loss is normal. We do not offer a refund or replacement of lepidoptera. The costs are low, the educational experience priceless, not matter the outcome. Please feel free to call us if you have any questions that have not been answered here.*