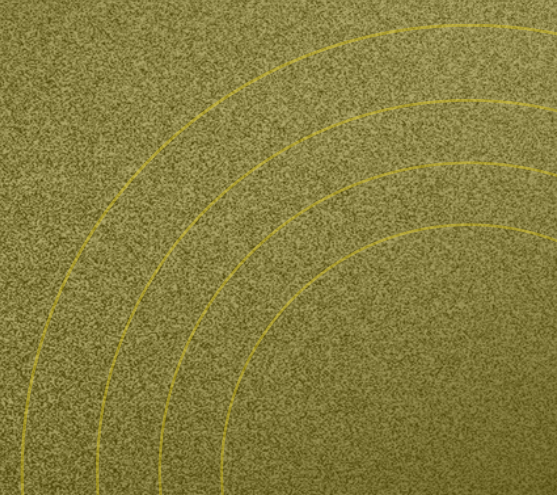


# Management Guide: PIRAMIDE Aviary System





# Housing & Early Management



The transition period is critical for flock performance and safety.

- Bird Selection: Use only aviary-reared pullets. Do not mix groups or include cage/ground-reared birds.
- Timing: Move pullets approximately two weeks before the start of the laying period.
- Placement: Initially house birds in the 1st or 2nd tiers. Avoid the ground litter area and the 3rd tier during the first few days.
- Safety: Keep the bottom gates closed until laying begins to prevent crowding and suffocation in corners

## > Nest & Litter Area Management

	HOUSING PHASE	LAYING PERIOD
NEST	CLOSED	Open before lights-on; Close 30 min before lights-off
SYSTEM AREA/GATES	CLOSED	OPEN 24h
HEIGHT OF WATER COLUMN	35-40 cm	25-30cm
FEEDING TIME	Several times a day	Several times a day, but not during the laying phase
LITTER AREA	Restricted initially	Open access (legal requirement)

Sales Tip: If birds sleep in the litter area, they will lay eggs there. Encourage clients to manually return birds to the system at night for the first few days to build the habit.



# Feeding & Water Requirements



## Water quality – critical parameters

- Ideal temperature: 12 °C – 25 °C (to limit bacterial growth)
- Hardness below 22 °F  
(excessive hardness may clog nipples and reduce intake)

## Water Pressure:

- First days: 35-40 cm (350-400 mm) water column so drops are visible on nipples.
- Laying period: Reduce to 25-30 cm (250-300 mm).

## Feeding Schedule:

- 1st Feed: Immediately after full lights-on.
- 2nd Feed: One hour after the first.
- 3rd Feed: Five hours after the second to avoid disturbing the laying phase.
- Last Feed: Approx. 15 minutes before the sunset/dimming phase begins.



## Lighting Protocol (Dimming Sequence)

### Morning (Wake-up):

1. System lights: Switched on slowly.
2. Litter aisle lights: Switched on gradually.
3. Under-system lights: Switched on gradually.
4. Service aisle lights: Switched on gradually.

### Evening (Bedtime):

1. Service corridor: Dimmed off completely.
2. Under-aviary: Dimmed off completely.
3. Litter aisle: Dimmed off completely.
4. System lights: Gradually dimmed 15-20 minutes later to guide birds "home".