

**SUMMER MANAGEMENT IN OPEN FARM**

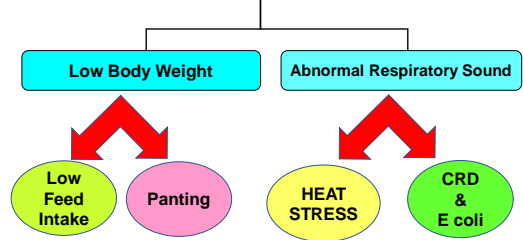


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**SUMMER ISSUES**

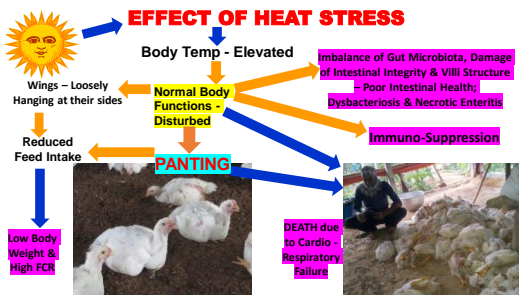


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**EFFECT OF HEAT STRESS**



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**VISSION OF SUMMER MANAGEMENT**



- Mean Age to 33 - 34
- Body Wt of 1.90 – 2.00 Kg
- Control Heat-Stroke Mortality

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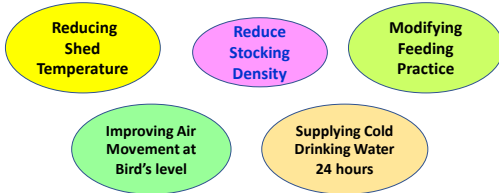
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### SUMMER MANAGEMENT KEYS

To Achieve the Body Wt of 2Kg

Feed Intake need to be near Standard on day-to-day basis



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### SUMMER MANAGEMENT

COLD STRESS	COLD	OPTIMUM (Ambient)	WARM	HEAT STRESS
Below 10°C	10 – 18°C	18 – 24 °C	25 – 30°C	Above 30°C
Exhaustion	Adjustment	Comfort Zone	Adjustment	Exhaustion

To achieve maximum performance, poultry house Temperature must be kept consistently within the bird's Thermo-neutral or comfort zone

Otherwise, the bird will expend additional energy for Panting to regulate its Body Temperature resulting poor Body Weight Gain & Poor FCR

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### REDUCING SHED TEMPERATURE



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### REDUCING SHED TEMPERATURE



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**REDUCING SHED TEMPERATURE**



**TIN ROOF Broiler House**

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**REDUCING SHED TEMPERATURE**



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**REDUCING SHED TEMPERATURE**



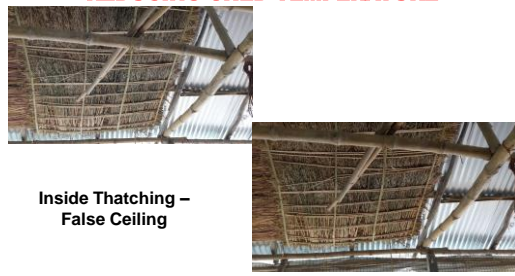
**Inside Thatching -  
False Ceiling**

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**REDUCING SHED TEMPERATURE**



**Inside Thatching -  
False Ceiling**

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**REDUCING SHED TEMPERATURE**



Inside Thatching – False Ceiling

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**REDUCING SHED TEMPERATURE**



Outside -  
Roof Thatching

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**REDUCING SHED TEMPERATURE**

**SIDE PANDALS**



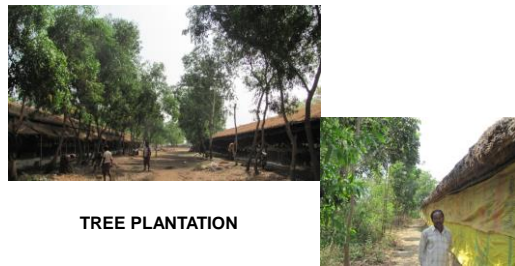
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**REDUCING SHED TEMPERATURE**

**TREE PLANTATION**



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**REDUCING SHED TEMPERATURE - FOGGER**



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**REDUCING SHED TEMPERATURE - SPRINKLER**



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**IMPROVING AIR MOVEMENT AT BIRD'S LEVEL**

Well  
Ventilated  
Poultry  
Shed for  
Free  
Cross Air  
Movement



&

Ceiling  
Fan 1 for  
300  
Broiler

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**IMPROVING AIR MOVEMENT AT BIRD'S LEVEL**

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**SUMMER MANAGEMENT - BANGLADESH LAYER FARM**



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**SUMMER MANAGEMENT - BANGLADESH BROILER FARM**



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**SUMMER MANAGEMENT - COOL DRINKING WATER 24 HRS**



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**MODIFYING FEEDING PRACTICE TOWARDS WEIGHT GAIN**

- Frequent Feeding
- Early Morning Feeding
- Cool Hours Feeding
- Feed Withdrawal

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**MODIFYING FEEDING SCHEDULE IN SUMMER**

- Early Morning Feeding at 5:30 am
- 2<sup>nd</sup> Time Feeding at 8:00 am
- Feed Withdrawal at Noon Hours
- Evening Time Feeding at 5:00 pm
- Night Time Feeding at 9:30 pm

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**MODIFYING FEEDING SCHEDULE IN SUMMER**



**Frequent Feeding**



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**MODIFYING FEEDING SCHEDULE IN SUMMER**



**Frequent Feeding**

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**FEED WITHDRAWAL IN SUMMER NOON HOURS**



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### FEED WITHDRAWAL IN SUMMER NOON HOURS

Feed Withdrawal depends on the Climate of the given Day and Age of the Birds

- Feed Withdrawal should start at 12 days Age in Broiler and continue till Culling/Lifting
- Objective of Feed Withdrawal is to reduce Metabolic Heat production during Hot period of the day to minimize Heat Stress, Panting & possible Heat Stroke Mortality
- Fresh & Cold Drinking Water must be available 24 hours including Feed withdrawal period
- Vitamin C and Electrolytes may be added to Drinking water of Feed Withdrawal period to minimize dehydration & Immuno-Suppression.
- Alternatively Lemon & Jaggery may be added to drinking water
- Day 12 – 14: 2 Hours from 1 pm – 3 pm
- Day 15 – 17: 3 Hours from 12 Noon – 3 pm
- Day 18 – 20: 4 Hours from 11 am – 3 pm
- Day 21 – 23: 5 Hours from 11 am – 4 pm
- Day 24 – 26: 6 Hours from 10 am – 4 pm
- Day 27 Onwards: 7 Hours from 9 am – 4 pm
- Feeder must be Lifted or Taken away to avoid unnecessary jumping/Fighting by hungry broilers
- If climate is comfortable in any given day in between this period, Feed Withdrawal may be suspended for that day

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### FEED WITHDRAWAL IN SUMMER NOON HOURS



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### MODIFYING FEEDING SCHEDULE IN SUMMER



Night Time Feeding with Additional Drinker

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### SUMMER - HEAT STROKE MORTALITY



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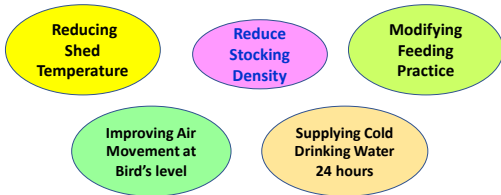
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### SUMMER MANAGEMENT KEYS

To Achieve the Body Wt of 2Kg

Feed Intake need to be near Standard on day-to-day basis



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# THANK YOU

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