

CHICKS FEEL TEMPERATURE THROUGH THEIR FEET; ENSURE YOUR LITTER IS WARM ENOUGH AT **30-32°C**



ALWAYS HAVE MORE (WELL-DISTRIBUTED) HEAT AVAILABLE THAN YOU NEED

BROILER CHICKS THE EARLY DAYS

KEEP RELATIVE HUMIDITY RATES BETWEEN **60-70%**



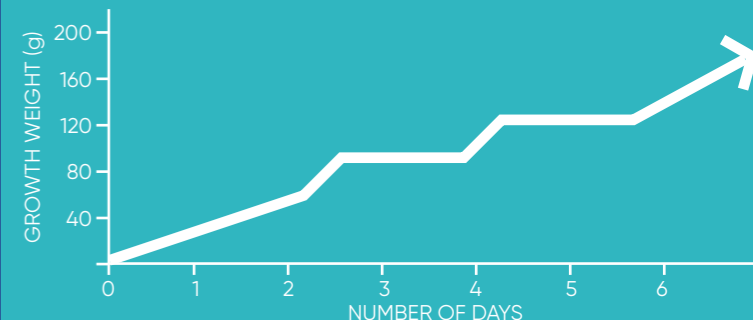
AVOID COLD DRAUGHTS OVER CHICKS



COLD STRESS STUNTS GROWTH

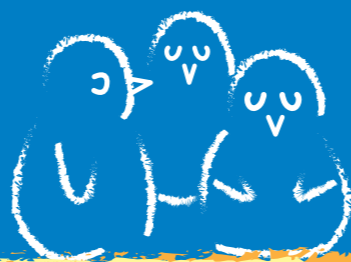


A CHICK IN THE OPTIMUM ENVIRONMENT CAN QUADRUPLE ITS SIZE **7** IN THE FIRST DAYS ONLY



ALWAYS PREHEAT CONCRETE FLOORS TO **28°C** BEFORE PLACING THE BEDDING

USE A THICKER LAYER OF BEDDING IF YOUR FLOORS ARE NOT PRE-HEATED OR WELL INSULATED



CHICKS CANNOT REGULATE THEIR OWN BODY TEMPERATURE FOR THE FIRST



Written by Christina Hutchings
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DURING MINIMUM VENTILATION AIR SPEED AT CHICK LEVEL SHOULD BE LESS THAN 0.25M/S

PROLONGED COLD LITTER MEANS GREASY, WET FLOORS



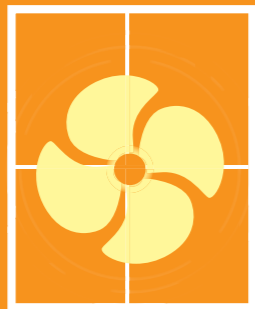
DON'T OVER-VENTILATE, YOU MAY CHILL YOUR BIRDS



BIG GAPS ON THE FLOOR WITHOUT CHICKENS MAY INDICATE COLD AIR IS DROPPING, FIND OUT WHY & STOP IT

TIPS ON HOW TO KEEP YOUR BROILER-LITTER DRY & YOUR CHICKENS HAPPY

CIRCULATION FANS CAN MOVE WARM AIR FROM THE PEAK OF THE ROOF



AN AVERAGE BIRD OF 2.3KG WILL CONSUME AROUND 6.3 LITRES IN ITS LIFETIME, EXCRETING 80% OF IT BACK INTO THE HOUSE...



PRE-HEATING CONCRETE REDUCES RISING DAMP IN THE LITTER FROM CONDENSATION

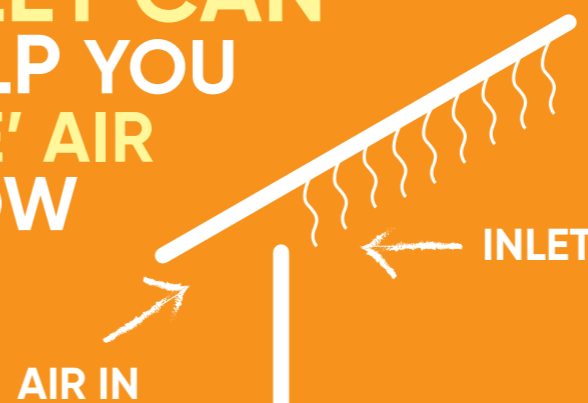


KEEP YOUR HOUSES WELL-SEALED TO MAINTAIN CONTROL OVER INCOMING AIR DURING MINIMUM VENTILATION

COLD INCOMING AIR MUST BE DIRECTED TO THE PEAK OF THE ROOF TO MIX WITH THE WARM AIR



STRIPS OF RIBBON HANGING IN FRONT OF THE INLET CAN HELP YOU 'SEE' AIR FLOW



AIR EXCHANGE MEANS DRIER LITTER

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PAY CLOSE
ATTENTION
TO DRINKER
MANAGEMENT;
(HEIGHTS
& WATER
PRESSURE)
TO KEEP
FLOORS DRY



LAG INCOMING
WATER PIPES
TO REDUCE
CONDENSATION
DRIPPING
ONTO LITTER



KEEP
MORE
RECORDS,
INCLUDING
OBSERVATIONS
& LEARNINGS



RELATIVE
HUMIDITY (RH)
RATES CONSISTENTLY
OVER 70%
WILL RESULT IN
WET FLOORS;
MONITOR RH
CONTINUOUSLY

TIPS ON HOW TO KEEP
YOUR BROILER-LITTER DRY
& YOUR CHICKENS HAPPY

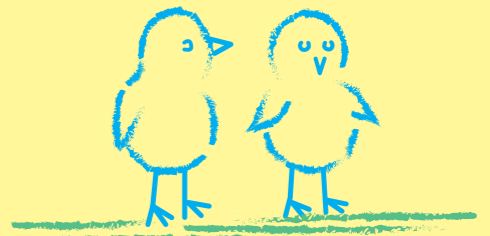
USE THE
HANDHELD
TOOLS
AVAILABLE TO
CHECK
TEMPERATURE
RH% & WIND-SPEED
THROUGHOUT
YOUR HOUSES



THE PURPOSE OF MINIMUM
VENTILATION
IS TO MAINTAIN AIR
QUALITY & REMOVE
EXCESS MOISTURE



MANAGE THE
MINIMUM
VENTILATION RATE
(CYCLE TIMER) TO
CONTROL RH%



USE A SMOKE
MACHINE
OR SMOKE
PELLETS
TO TEST
VENTILATION
PATTERNS



ADJUST THE
TEMPERATURE
SENSOR'S
HEIGHT
AS THE CHICKENS
GROW SO
IT'S ALWAYS
JUST ABOVE
BIRD HEIGHT



USE MERCURY
THERMOMETERS
AROUND YOUR
HOUSES TO
SENSE-CHECK
YOUR INSTALLED
THERMOMETERS
& TO MONITOR
RANDOM AREAS



FOR EVERY 10°C
WE HEAT
INCOMING AIR,
THE RH REDUCES
BY 50%

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