Winter Management of Today's Chick



WINTER BROILER MANAGEMENT

শীতের ব্রয়লার পরিষেবা

> Elevation of Temperature in Poultry house to provide COMFORT to chicks through efficient Brooding

বাচ্চার জামগা গ্রম রাখতে হবে

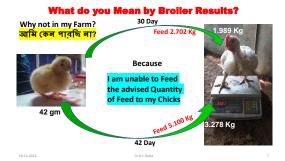
➤ Maintaining proper VENTILATION through CURTAIN management from day 1 to lifting/Harvesting

পর্দার সঠিক ব্যবহার করে বাতাস চলাচল বজায় রাখতে হবে

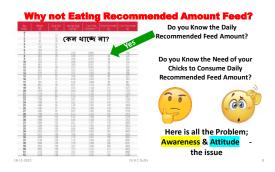


No of Days to Reach 2Kg Body Weight 2 কেজি হতে ব্যুম প্রতিবছর কমছে 42 বিশ্ব বিশ





			What	a Res	suit in	open	she	17			
BROILER Performance in Bangladesh											
No	Farmer	Hatch date	Breed	Chicks	Mort %	Body Wt	FCR	M Age	Day Gain	EEF	CFCR
1	Ariful	18-Oct-20	Lowman IR	998	3.61	2.729	1.520	37.01	73.74	468	1.338
2	Khurshed	18-Oct-20	Ross 308	500	2.00	2.210	1.432	33.00	66.97	458	1.380
3	Doli	18-Jan-21	Cobb	500	3.60	2.363	1.510	33.00	71.61	457	1.419
4	Kanon	09-Dec-20	Lowman IR	747	2.41	2.359	1.493	34.00	69.38	454	1.403
5	Shahdul	14-Nov-20	Lowman IR	1,495	1.94	2.220	1.413	34.12	65.06	452	1.358
6	Babul 2	03-Nov-20	Lowman IR	499	2.40	2.437	1.466	36.00	67.69	451	1.357
7	Shahinur	19-Oct-20	Ross 308	1,220	4.67	2,444	1.501	34.47	70.90	450	1.390
8	Jinnatun	18-Oct-20	Lowman IR	540	0.93	2.172	1.450	33.00	65.82	450	1.407
9	Sattar	09-Nov-20	Lowman IR	1,250	2.80	2.374	1.520	34.01	69.80	446	1.427
10	Monalisa	11-Jan-21	Lowman IR	1,599	3.38	2.274	1.480	33.33	68.23	445	1.412
11	Parul	24-Oct-20	Lowman IR	1,997	4.76	2.561	1.529	36.13	70.88	442	1.389
12	Mizanur	19-Oct-20	Lowman IR	1,500	4.07	2.749	1.554	38.45	71.50	441	1.367
13	Harun	26-Oct-20	Lowman IR	700	4.00	2.366	1.478	35.01	67.58	439	1.387
14	Lubna	01-Oct-20	Ross 308	500	2.40	2.335	1.492	35.00	66.71	436	1.408
15	Sanowara	29-Nov-20	Lowman IR	797	4.39	2.306	1.488	34.00	67.82	436	1.412
16	Kamal	20-Oct-20	Lowman IR	1,396	3.87	2.571	1.516	37.49	68.58	435	1.373
17	Shamim	24-Sep-20	Ross 308	700	5.71	2.346	1.495	34.18	68.64	433	1.409
18	Kalam	26-Oct-20	Lowman IR	800	4.13	2.578	1.541	37.22	69.26	431	1.397
19	Rubel 2	09-Nov-20	Lowman IR	3,000	2.27	2.180	1.463	34.15	63.84	426	1.418
20	Korim	19-Oct-20	Lowman IR	3,836	4.59	2.707	1.564	38.99	69.43	424	1.387
21	Layli	29-Dec-20	Lowman IR	1,490	4.03	2.378	1.505	36.00	66.06	421	1.411
22	Shafe	06-Jan-21	Lowman IR	2,799	3.43	2.280	1.493	35.03	65.09	421	1.423
10.11	2022				Dr.B.C.Dutt						







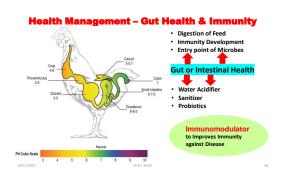




Ground Reality















Comfortable Bed to Live, play & Sleep

- Floor Space Need for Broiler depends
 Live Weight Target & Marketing Age
 Season/ Climate
 Type & System of Housing and
 Equipment, particularly Ventilation

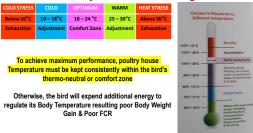
•	I Week	0.3 = 0.4 Sq It
	2 nd Week	0.5 - 0.6 sq ft
	3 rd Week	0.7 - 0.8 sq ft
	4 th Week onwards	1.4 – 1.6 sq ft
	HUI LEAN COMPANY	



Excellent Ventilation where both Side Open 1.580 Kg Broiler Meat per Sq Ft is Possible



Comfortable Temp from Start to Lifting in Summer



Comfortable Temp from Start to Lifting in Winter



WINTER BROILER MANAGEMENT

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WINTER BROILER MANAGEMENT

- Hatch Pull-out in early morning under comfortable Hatchery Temperature
- Transport & Housing in daytime (10 am-2 pm) Gap between Pull-out & Placement < 10 hours



- Good quality Curtain on both side of shed for entire length
- Avoid direct chilling air on chicks till 22 days Age

BROODING

Brooding is Nursing & Special Care of newly hatched Chicks



Brooding is essential during 1st 7 – 10 days of **Chicks Life**

Target for Brooding - 1st Week Body Wt 200gm & Mortality <1%

WINTER BROILER MANAGEMENT

Broiler after 22 days are not prone to Chilling due to feather growth & Change in basic Temp need; USE CURTAIN
CAREFULLY maintaining Ventilation





পর্দা উপর থেকে নিচে নামাতে হবে দডির সাহায্যে

BROODING OBJECTIVE সঠিক ব্রুডিং কেন দ্রকার?

- 1) Uniformity 2) Control Mortality High Livability
- 3) Good 1st Week Body Wt (200 gm +) or (4.5 5) x Chick Wt
- 4) Development of Immune system Healthy chicks; less Disease
- 5) Development of Intestine Better Feed utilization; better FCR. Better GALT Better Immunity
 6) Profitability





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Brooding Essentials

- > Disease Free House
- > Temperature
- Ventilation
- > Bedding (Space & Litter)
- Light
- > Safe Drinking Water
- Early & Easy Access to Feed



BROODING Temperature MANAGEMENT







18-11-2022

বাচ্চার জামগা গ্রম রাখতে হবে



Comfortable Temp from Start to Lifting in S **Ground Reality**

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Good Ventilation for Air Exchange & Dry Litter

Ventilation /Wind Movement/ Air Exchange is the minimum amount of Air volume required to maintain full Genetic Potential of

- Objective of Ventilation
 To Provide Oxygen required for growth
 To Remove unhealthy gas:
 CO2, NH3, etc
 To Remove Excess heat
- created by birds and litter
- To Remove Water from faeces & vapour from broilers respiration to maintain the RH (At 10 days age, 15 broilers produce almost 1 litre water/Day, of which 25 40 % from faeces) throughout the growing period and to maintain Good Litter condition

BROODING Ventilation MANAGEMENT



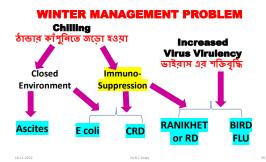
BROODING Ventilation MANAGEMENT



BROODING Temperature & Ventilation MANAGEMENT







Good Ventilation for Air Exchange & Dry Litter



Fans are on just after placement in Automatic EC Shed

Winter Management Failure - Ascites Ascites; fluid in abdominal cavity - "Water belly" মুবগির পেটে জল Ascites is a major reason of Economic Loss in Broiler Industry, especially during winter • Mortality usually 5 -12% and may go up to 25%

Winter Management Failure - Viral Mortality





Infections of highly pathogenic virus with morbidity & mortality almost 100%

THANK YOU

www.drbcdutta.com



