



to

WEBINAR

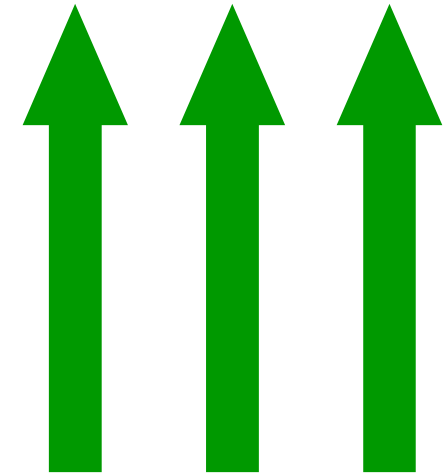
BANGLADESH BROILER INTEGRATION

NEED OF THE DAY

Dr Balai Chandra Dutta

<https://sites.google.com/view/drbaichandradutta/home>

BROILER FARMING – NEED OF THE DAY



TIME

FEED

Mortality

Body Weight



WHY BROILER INTEGRATION?

Last 20 years Bangladesh Poultry Farmers Facing 2 major hurdles:

- 1) Increasing trends of Feed Price**
- 2) Emergence of new Diseases**

The key issues to the farmers today

- NEED OF TODAY'S CHICK; What to Do for Modern Poultry Management?**
- BIO-SECURITY**
- LIVE BIRDS MARKETING**

WHY BROILER INTEGRATION?

No SOLUTION available to Farmers

Neither, they have FUND to Create Necessary INFRACTURE & Arrange Input Materials

Nor, they have TECHNOLOGY & Awareness to meet the NEED of Present Broiler and to Withstand the Emerging Disease Challenges

WHY BROILER INTEGRATION?

SOLUTION

CONTRACT FARMING (Integration)

Where

**The Big Poultry Company
join hands with
Small & Marginal farmers**

WHY BROILER INTEGRATION?



- **Minimum Infrastructure Requirement**
- **Quick Rotation**
- **Low Maintenance Cost**
- **Door Step Sales – No Headache**

- **Minimum Capital Investment**
- **Minimum Risk**
- **Guarantee Income**
- **Round the Year Business & Income**
- **Minimum Space Requirement**
- **Business from Home**

BROILER INTEGRATION – DIFFERENT BUSINESS

What is our **ROLE?**

SCIENCE

Latest Medicine
& Vaccines



Modern
Broiler
Chicks



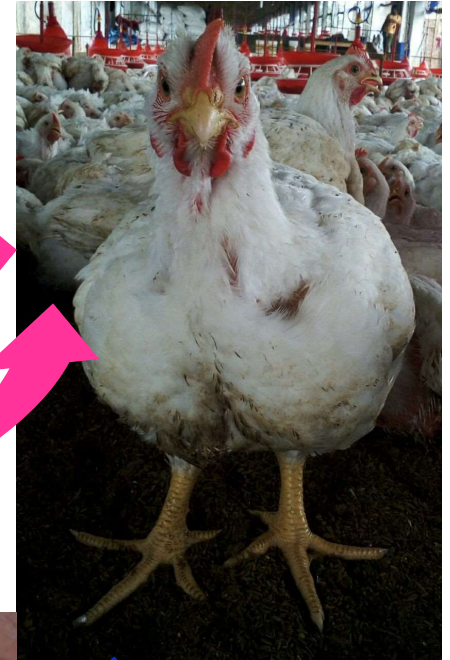
High
Potential
Balanced
Feed



Modern Farming
Technology



BROILER INTEGRATION – FARMER DO THE JOB



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SUCCESS



BROILER INTEGRATION – JOINT BUSINESS

FARMER

- Farm
- Equipment
- Labour
- Electricity
- Water
- Litter Material
- Brooding Material

ENTREPRENEUR

CAPITAL

- Chick
- Feed
- Medicine/ Vaccine

TECHNOLOGY

- Modern Poultry Farming Training
- Technical Service



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NEED OF THE DAY - SHED CLEANING AFTER LIFTING



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NEED OF THE DAY - SHED CLEANING AFTER LIFTING

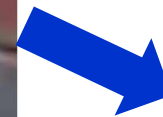


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NEED OF THE DAY - SHED CLEANING AFTER LIFTING



DISINFECTION & PRE-BROODING ARRANGEMENT



PRE-BROODING ARRANGEMENT



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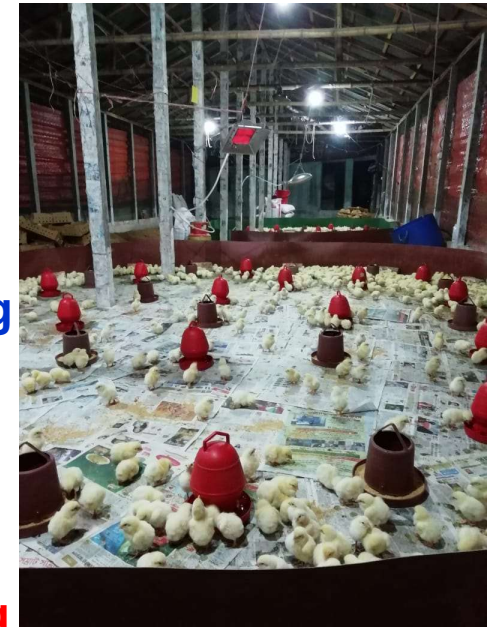
BROODING

PRE-HEATING



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Paper Feeding



Chick Releasing



Pre-Brooding Arrangement



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BROODING



Paper & Tray

Paper & Chick Feeder



2020 – ROSS /COBB /Lowman /Hubbard HEATING through Bulb!!!



- HUDDLING; Mortality
- Cold Shock; Mortality
- Poor Feed Intake; Unevenness with Weak & Lame Chicks
- YOLK Infection; Mortality
- Low Immunity; One after another Disease Outbreak – IBH, ND, CRD, E coli



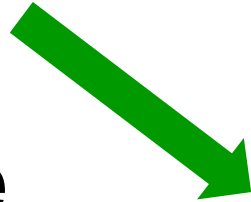
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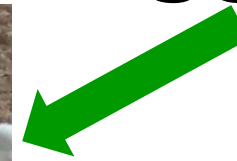
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NEED OF THE CHICKS

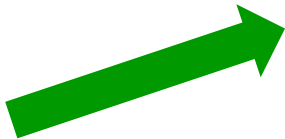
**Disease
FREE
House**



COMFORT

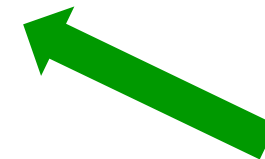


**Fresh
FEED**



Do Not give me STRESS

**Fresh
WATER**



DISEASE FREE HOUSE



**Implementation
of 100%
Biosecurity**



COMFORT

What one wants First for Comfort?

BED

**SPACE to Live, Move,
Eat & Rest**

What Next?

Temperature

What is the Next Subject Want?

**Ventilation
OR**

Air Circulation

Next?

LIGHT

COMFORT – THATCHING OF CEILING



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COMFORT – THATCHING OF ROOF



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POOR MAN'S FARM – COMFORT TO CHICK



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DRY & CLEAN BED – COMFORT TO CHICK



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AVOID STRESS

What is No 1 Stress Factor?

DISEASE

What other Main Stress Factor?

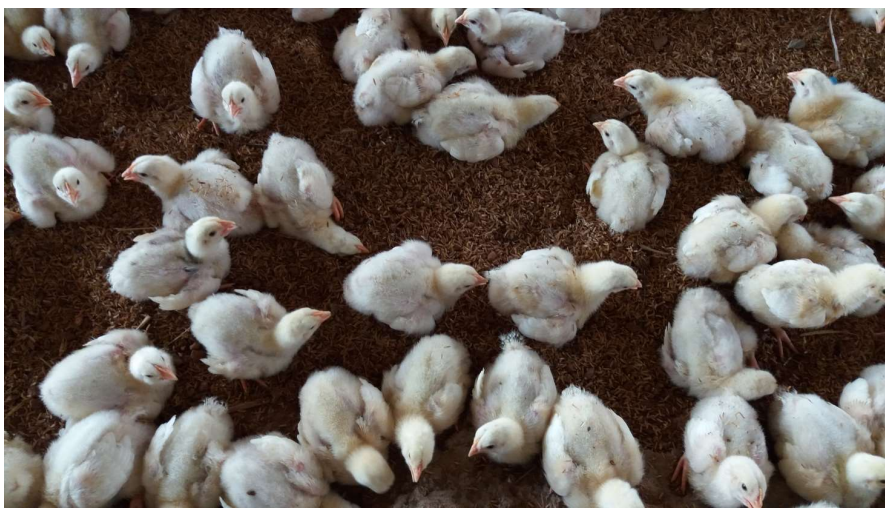
**BROODING
Mistake**

**Management
Mistake or
Incompetency**

**Wet LITTER
&
Litter Ammonia**

VENTILATION

AFTER 7 DAYS



**Body Weight:
200gm Plus**

**Mortality:
< 1%**



Photo from 2015 Album

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AFTER 14 DAYS



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Body Weight: 500gm Plus

Mortality: < 1.5%

Photo from 2017 Album



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AFTER 21 DAYS



Body Weight: 950gm Plus

Mortality: < 2%

Photo from 2017 Album



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AFTER 28 DAYS



Photo from 2017 Album

Body Weight: 1.6Kg +

Mortality: < 3%

Photo from 2014 Album



AFTER 35 DAYS



Photo from 2015 Album

Body Weight: 2.200Kg +

Mortality: < 4%



LIFTING AGE - 38 DAYS



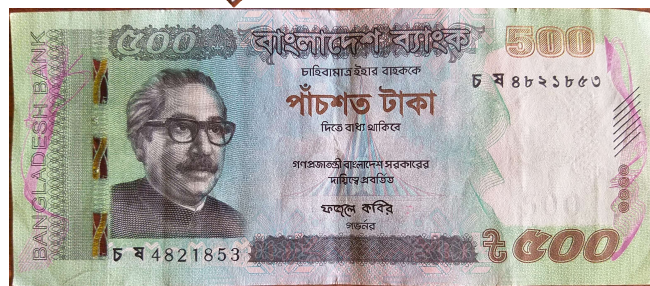
Photo from 2016 Album



Photo from 2019 Album

AFTER LIFTING

- Company: **71 Integration** (Alal Feed, Bangladesh)
- Farmer: **Shahnaj Poultry, Bogura**
- Hatch Date: **27-07-2020**
- Chicks: **400**
- Mortality%: **5.50**
- **Av Body Weight (Kg): 2.448**
- **FCR: 1.486**
- Mean Age: **35.02**
- Av Day Gain: **69.91**
- **C FCR: 1.374**
- **EEF: 445**
- **GC/Kg (BDT): 14.53**
- **Total GC (BDT): 13,446/**



THANK YOU

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