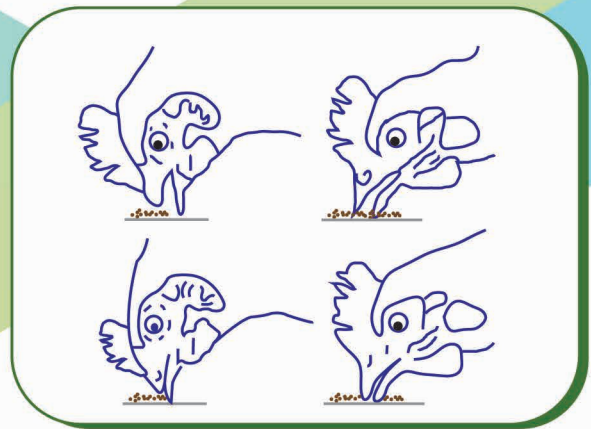
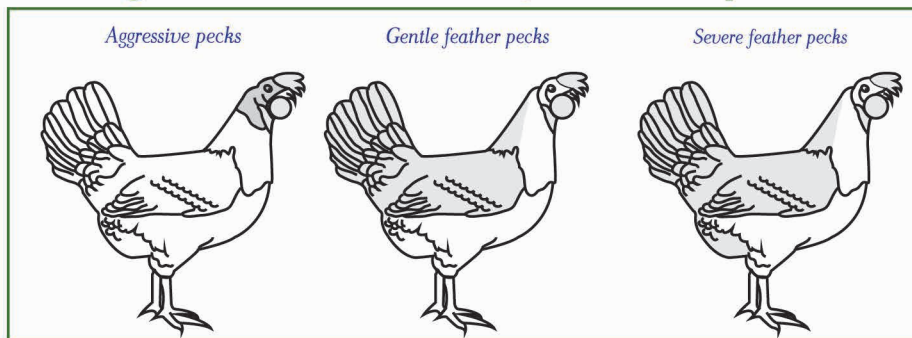


Debeaking

Information & Guidelines



Why Debeaking is required ?



Feather Pecking



Vent Pecking

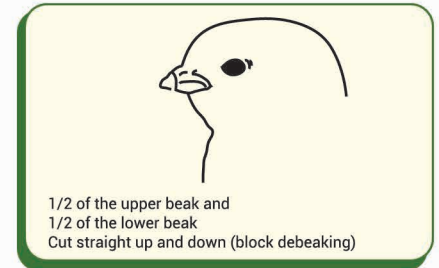
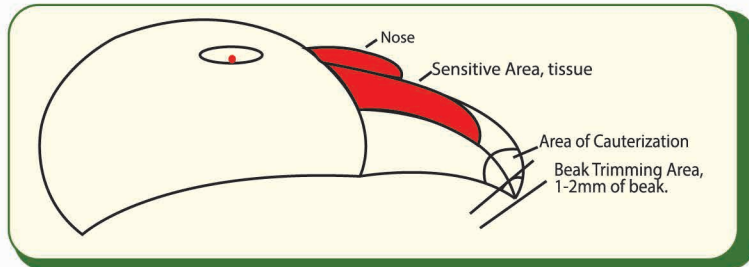


Feed Wastage

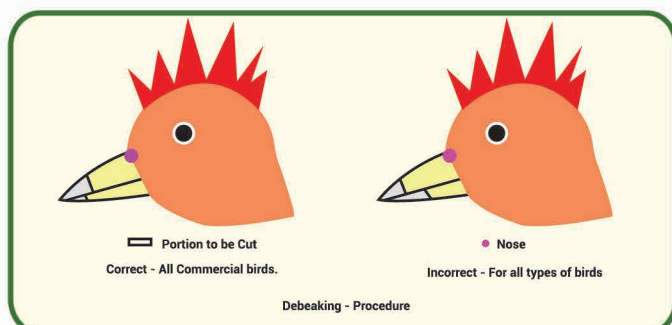
Debeaking – An Important Event

- **Debeaking/ Beak Trimming –**

A proper Beak Trimming must not enter the sensitive area. It is only used to take of the tip of the beak & no more. There are very few nerves in this area, but there are a lot of nerves in the sensitive areas. If Debeaking is done such that the burn affects the sensitive area under the nose, then the bird will be in a lot of pain, & could have difficulty in eating.



- Removal of approx. 1/4th to 1/3rd of upper beak/both upper & lower beak of birds.
- Beak should be 4mm post Debeaking
- **Common ages for Debeaking/ Beak trimming –**
 - 0 – Day – Infrared Beak Trimming (IRBT)
 - 10th Day – Hot blade beak trimming (Most common)
 - 10-12 Wks. – Re-trimming (For Specific Birds only)
- **Impact of Debeaking/ Beak Trimming –**
 - Individual Chick/ Bird handling leading to stress
 - Debeaking/ Beak Trimming may leads to bleeding
 - Feed consumption & Body Wt. reduces
 - May affect Hb% negatively
- **Preparation of Debeaking/ Beak Trimming**
 - Stable Position for Machine
 - Lighting Requirement – 150-200 Lux
 - Blades – Should be clean, Sharp cutting edges, there should not be gap between blade & bottom plate
 - Blade temperature – Dull Red color blade - $\approx 595^{\circ}\text{C}$
 - Back-up equipment
 - Comfortable seating for Debeaking person
 - Adequate ventilation
 - Regular Break –
 - 15 birds/ min. & 5 min. break/ Hr.
 - Change bled after every 3000 chicks



Blade Color Indicates Temperature

	< 595°C	
	595°C	
	< 595°C	

Medication Schedule for Debeaking

Before Debeaking	During Debeaking	After Debeaking
Multivitamin	Multivitamin	Multivitamin
Vit. K	Vit. K	Vit. K
Iron Tonics	Iron Tonics	Iron Tonics

Avired can replace all Debeaking medication along with reducing adverse effects of Debeaking

- **Avired can Replace Vit. A, D3, E & C (Anti Stress Elements) –**
 - Avired contains Anti-stress elements in sufficient quantity
 - Stress of Handling
 - Stress of beak trimming or cutting
 - **Avired can Replace Vit. K –**
 - Avired effectively satisfies requirement of Vit. K, at the time of Debeaking & prevents blood loss or helps in coagulation
- Both the ingredients are required at the time of Debeaking**
- **Avired can reduce the adverse effects of Debeaking on Feed Consumption and B. Wt. Gain -**
 - Avired contains pharmaceutical grade of malt
 - Malt acts as instant energy source, which will help in maintaining B. Wt.
 - **Avired can improve Hb% -**
 - Avired contains ingredients required for RBC synthesis including Iron.
 - Iron is integral part of haemoglobin so, Avired will help in improving Hb%
 - Avired helps in RBC synthesis & maintaining blood volume

• **Avired Use Protocol 3 Days in drinking water**

- 1 day – before Debeaking @ 150 g/ 1000 chicks
- 1 day – on Debeaking day @ 200 g/ 1000 chicks
- 1 day – after Debeaking @ 150 g/ 1000 chicks

• **Turmeric Powder**

- Dip trimmed beak in turmeric powder or pest
- Turmeric can be used as antiseptic for debeaked birds

Trial Data

- Breed – AP 95 (Broiler Breeder)
- Debeaking planned on 10th day.
- Trial Protocol :-
 - Replace Anti-stress Elements & Vit. K
- Used Avired for 3 Days – as given in schedule
- Body wt. were taken on 1st & 2nd wk. & compared with STD.
- Hb% was checked on 7th day & on 17th day

Effect on B. Wt. and B. Wt. Gain

Broiler Breeder	First Week B. Wt. (gms)			Second Week B. Wt. (gms)			Gain In STD. B. Wt. (gms)	Gain In B. Wt. (gms)
	Actual	STD	Diff.	Actual	STD	Diff.		
Females	98	140	-42	249	260	-11	120	+ 151
Males	105	150	- 45	275	320	- 45	170	+ 170

Chick's B. wt. was improved even after Debeaking.

Weekly B. Wt. gain was more than STD for Females & as per STD for Males.

Effect on Hb% -

Effect of Avired on Hb%

	Before Trial	After Trial
Bird	16	10
Bird 2	10	12
Bird 3	10	12
Bird 4	10	12
Bird 5	10	10

Avired



Avired also helps in Maintaining & improving Hb%



For further information, please contact:

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