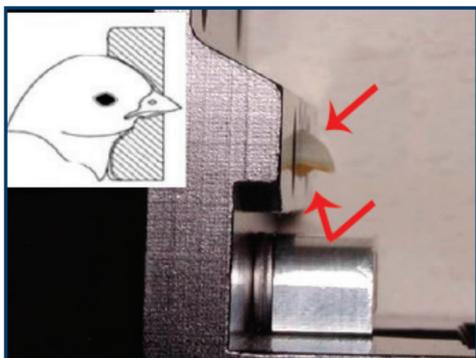




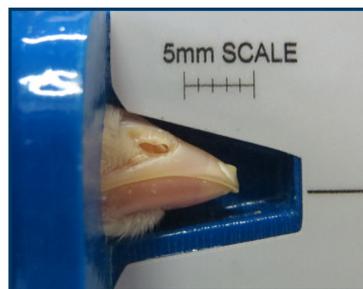
IRBT machine



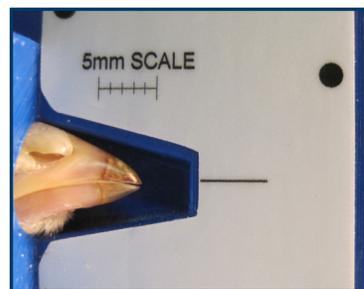
Chicks are gently held in head holder



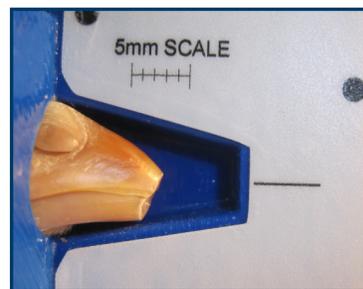
Infrared energy treats beak to stop beak growth



1 day: beak remains intact



7 days: beak tip becomes darker



2-3 weeks: beak softens and falls off
4 weeks: beak shape is rounded

Benefits of Infrared Beak Treatment:

- Better precision beak trimming compared to beak trimming by crews.
- Helps to avoid a second beak trimming.
- Eliminates 7-10 day beak trimming, less bird stress, better pullet body weights and uniformity.
- Better biosecurity against disease by eliminating outside beak trimming crews and equipment moving between sheds.
- Adjustable machine settings for local conditions.
- Welfare-friendly procedure in hatchery.

FOR MORE INFORMATION

See the "Infrared Beak Treatment" Technical Update at hyline.com.

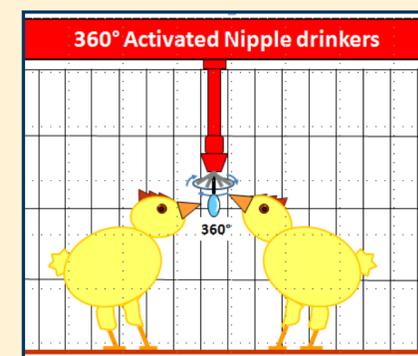


Best Brooding Management Practices for IRBT chicks:



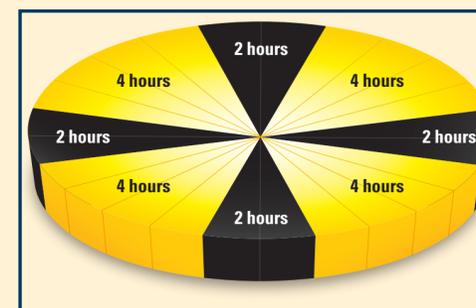
Supplemental chick drinkers

Minimum 70 ml /nipple per minute flow rate.



Correct nipple drinker height: For the first 24 hours, set nipple at chick's eye level, after 24 hours set nipple at bird's head level.

Brooding cage paper should completely cover floor to allow easy access to feed and water. Practice paper feeding for the first few days. Provide good quality chick crumble on cage paper for 0-7 days.



Intermittent lighting program for chicks

Fill feeders to highest level, no empty feeders.

Bright lights 0-3 days, 30-50 lux. Start chicks on top cage level. Use intermittent lighting program or 22 hours of light for 0-3 days.