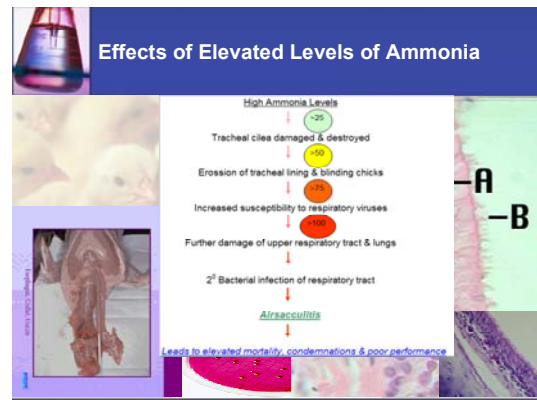


Al+Clear[®]/A7 liquid

BLEND OF MINERAL ACID AND ACID SALTS

Al+Clear[®]/A7 liquid is a proprietary combination of mineral acids that provide good early activation in a variety of litter conditions, plus the added benefit of alum (aluminum sulfate) a Lewis Acid, that provides excellent ammonia control.

- 🐔 Cost effective way to control ammonia in chicken houses.
- 🐔 Custom application assures uniform and consistent applications.
- 🐔 Good early activation.
- 🐔 Excellent extended ammonia control.
- 🐔 Acidifies litter.



- 🐔 Improves bird health.

NH3	LBW	FCR	Mort.	T.Yield	B.Yield
0	7.08 ^a	1.91	2.8 ^{ab}	73.2	19.8
25	7.06 ^a	1.93	5.8 ^{ab}	73.0	19.7
50	6.62 ^b	1.98	10.6 ^{cd}	72.7	19.0
75	6.44 ^b	1.97	13.9 ^d	72.4	19.0

Adapted from Miles et al. 2004

- 🐔 Improves live performance

Foot Pad Dermatitis

- Suppressing ammonia and keeping litter dry reduces foot pad lesions.



- 🐔 Improves processing performance.

- 🐔 Convenient application prior to equipment set up allowing grower more time to set up equipment and prepare for chicks.
- 🐔 Does not get into feeding and watering equipment.
- 🐔 Application takes approximately 10 minutes per house.

HOUSE PREPARATION BETWEEN FLOCKS AND PRIOR TO PLACEMENT

Prior to Application

1. After catching birds remove heavy cake and close up house.
2. The composting process will drive off ammonia and moisture and reduce poultry pathogens in the litter.
3. Use tunnel fans once or twice per day to remove build-up of ammonia and moisture.
4. Compost as long as time allows (3-5 days) prior to conditioning and leveling litter.
5. If pads are saturated, appropriate levels of ventilation throughout the downtime period will be required to remove excessive moisture from pads and litter.
6. Apply A7 two to four days prior to placement.
7. Prior to A7 litter amendment application the grower should:
 - 🐔 Have all equipment up and out of the way of the spray rig.
 - 🐔 Lights inside the house should be turned on.
 - 🐔 The area to be treated should be free of any miscellaneous equipment and obstructions (brooders, migration fences, ladders, etc).
 - 🐔 End doors should be open.
 - 🐔 Applicators need an easy access to a water faucet (to hook up garden hose).

After Application

1. Close house up and run enough ventilation to prevent ammonia from off-ends of houses from overlaying the treated brood area.
2. Ventilate from the brood area to the off-end to prevent overlaying treated brood area with ammonia from the off-end.

Litter amendments should not be considered a substitute for proper ventilation. Adhering to company ventilation guidelines is essential for bird health and good performance.

