

Organic Poultry

Must parentstock have access to outdoor facility



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- > Situation in Switzerland – our integration
- > Some words to regulation matters in Switzerland
- > Hygiene aspects
- > Health risks
- > Conclusion

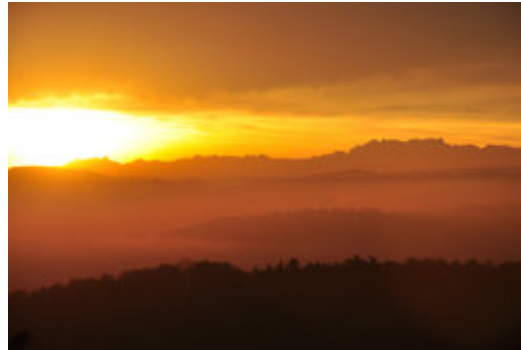


- > Swiss legislation for welfare and animal health
- > Swiss is free of NCD, AI, ILT, S. pullorum and other salmonella are very rare
- > Special Swiss Geographical situation; Hills, valleys, forest,...
- > Low density of poultry and very good general health situation
- > Also in free range poultry we do almost not see:
Pasteurellosis (fowl cholera), no Erysipelas, almost no E. coli septicemia or rarely salpingitis, no Salmonella, rarely parasites.
- > So, the general health situation and geographic „isolation“ are most probably very helpful for our flock-health-situation.

Geographic Switzerland



Some typical examples



Bio-Broiler examples and some conditions



- > Mobile houses, daily outdoor access
- > Max. 2'000 broiler during rearing, max. 500 broiler during growing
- > Stocking density max. 20 kg/m²
- > Quality bio-feed
- > Production contracts
- > Min. 63 days of rearing
- > Yearly production ~450'000 birds



Rules for Bio Broiler Breeder



BB must also be kept under Bio-Rules incl. Outdoor access

5 hens/m²

Organic feed

Production: 5 houses: 1'000-2'000 per house (farmer)

Total ca 800'000 bio-chicks / a

Ca 450'000 in our own integration





- Hatch is considered as agricultural work
- Hatchery needs to be part of a agriculture operation
- Hatchery is separated from „industrial hatcheries“ also for security reasons!

- Exception for hatching eggs: may temporarily or in special cases not from Bio parent-stock

- BB Houses: 3 x 1'000; 1 x 2'000 and soon 1 more 2'000 hens places
- Special breed (Hubbard)
- Salmonella control weekly (BB) and every hatch (hatchery)



Feed is organic

Mash, (no separation of males and females feed!)

Whole wheat distribution daily

Grit should be available all the time or in sand bath

Laying systems with automatic nest or floor keeping with e.g. wooden nests

Access to outdoor area and Wintergarden (~40% of in house surface)

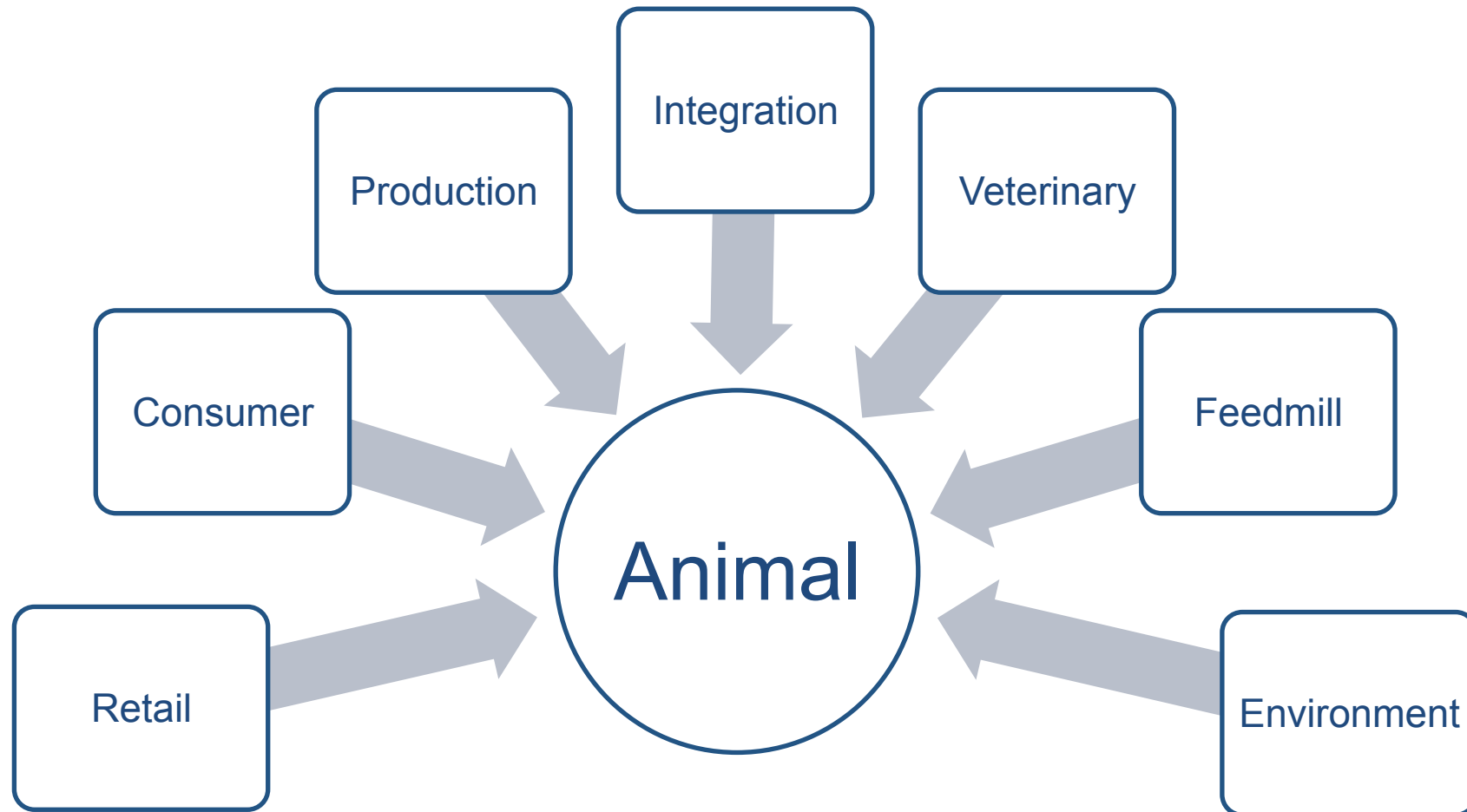
Results:

Peak of lay: ~94 %

Hatchability: ~ 85-90 % at peak of lay, some variability because of hatchery issues (suboptimal hatching conditions, setters not complete,...)

So far no special health issues (fortunately!!) in our flocks...

Interactions in Bio-Production



Different point of views



Animal → near to nature with all advantages and inconveniences

Consumer → emotional

Retail → Positioning at the market (POS)

Veterinary → difficult position as risks are evident,

.....but as the market seems to ask for such products

... „good for veterinary business“?!?

Examples for BB



Conditions for Animals in Bio BB



-Spurs and first toe may be removed at day old (French hatchery)

-No debeaking

-No vitamins or other additives without veterinary indication

-Some vaccination possible and necessary

- Marecks
- Paracox 8
- IB
- Gumboro
- AE
- CAV
- Ev ART
- No vaccination for ND, ILT, Salmonella
- Not (yet?) necessary; Pasteurella, Erysipels, E.coli

Health risks are evident and efficient hygiene management is very difficult to apply!



In Switzerland we do have now since ~10 years Bio Broiler Breeder in outside conditions.

Now we have 4 parent stock flocks and we are just starting next week another parent flock... we produce nearly 100% of bio broiler in Switzerland for two bigger (Swiss level) integrations.

We do have real special conditions in Switzerland, which help us

-Good geographical comparitimentation

-Low poultry density in general and - where the BB are - in special

-Low infectious pressure for specific diseases (very low incidence for fowl cholera (pasteurella), Erysipela, Mycoplasma, and other bird diseases



- Special hatchery for Bio hatching eggs**
- Narrow follow up for Salmonella**
(top 5 need to be eliminated officially, other types is to be decided by integrator...)
- Health and productivity is less consistent.**
- Health insurance? Or who is carrying possible risks?**

Thanks



Many thanks for your attention

Question / Discussion