



SPECIAL INTEREST ARTICLES:

- ❖ BIOENERGETICS
- ❖ DIET
- ❖ STRESS

INDIVIDUAL HIGHLIGHTS:

SPECIAL OFFERS

THE IDEAL PROGRAM

HOW REMEDIES WORK

EGG QUALITY & STRESS



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POULTRY AND BIOENERGETICS

Poultry owners are discovering that by using Bioenergetics they have a viable and cost effective alternative to conventional healthcare systems.

Bioenergetics is a gentle system of healthcare that assists the body's inbuilt defence mechanism to heal itself. When a bird is ill its energetic systems are out of balance, by correcting the imbalances with the correct remedy it will naturally be able to heal itself. Furthermore using Bioenergetics routinely in a preventative health plan can result in increased fertility and healthier flocks.

There are no toxic or other side effects associated with using the remedies and no withdrawal periods. With the phasing out of certain antibiotics and the undesirability of toxins in the food chain Bioenergetic Remedies can give you the advantage.

Remedies are available for general health maintenance and problems in hens, turkeys, ducks, geese and game birds.

THE IMPORTANCE OF A QUALITY BALANCED DIET

First of all, different breeds have different requirements of nutrients. I would advise looking at the nutrient requirements of the particular breed you are rearing and seeing if the diet you are feeding is meeting those requirements. As with all animals, the rearing period is very important. If the diet is right then and the pullet is growing well with body weight on target, they are having the best start possible and more likely to produce better later in life.

Management is also very important at this stage. Keeping sheds as clean as possible and also preventing birds from perching over feeders (re-cycling infection) will hopefully prevent the spread of disease through the flock. Infections and disease will cause the birds to become stressed and their nutrient requirements will be increased. So, at this time it is vital to look at feed intakes to match the diet to the requirements of the flock.

As the birds come into lay, it is very important that they are of sufficient body weight and they are getting enough nutrition for maintenance plus production. The birds experience a lot of changes to their body at this time in getting ready for production and this is a stressor in itself. Also, if the birds are not getting sufficient nutrition at this time they will be stressed and will perhaps take longer to come into lay or will not have the ability to reach the peak of production that they could do on a balanced diet suited to their requirements.

When formulating poultry diets, you should formulate to amino acid levels rather than protein. Animals cannot synthesise all the amino acids that they require so these 'essential' amino acids must be supplied in the diet. The most important amino acid in poultry diets is methionine (the first limiting amino acid). It is vital that the birds' requirement of amino acids is met and that all amino acids are balanced in relation to one another.

The digestibility of amino acids is also very important to look at when formulating diets as different protein sources have different amino acid availabilities. Oversupply of certain amino acids can also be an issue, not only will they be potentially degraded and wasted, they may also be toxic to the animal or negatively influence the metabolism of other amino acids. Also it is very important to get the protein energy balance right in the diet. Energy is required for the synthesis and degradation of protein, so it is vital to supply adequate energy in the diet. Although, it is important not to oversupply energy as birds will tend to eat less of a high energy ration, therefore, not getting their required nutrients.

Written by a leading poultry nutritionist.

The Ideal Program

Day old – 14 days

Chick Health

14 days onwards

Avian Health made flock specific by sending us feather samples for testing every month.

Any time

If the birds are uneasy or feather pecking use **Feather Care**.

Any time

Red Mite remedy use daily for all poultry.

Times of stress

Avian Calmer is the ideal remedy for stress when moving, disturbing, depleting & at start of lay. This can be used at any age.

18 weeks

Avian Wormer, use at 18 weeks, dose everyday for 14 days, leave for 8 weeks then repeat.

After 32 weeks

Use **Quality Egg** for better shells & colour.

SPECIAL OFFERS

FEATHER CARE

OR

AVIAN CALMER

5 LITRE FOR
£98

(USUALLY £169)

25 LITRE FOR
£425

(USUALLY £595)

ALL PLUS VAT
AND POSTAGE

VALID UNTIL
30TH JUNE
2008

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HOW TO USE REMEDIES

Remedies are in liquid form and are administered via the header tank or fresh water drinkers. Rates and frequency of application are based on the type and size of flock and the problem being addressed. Remedies are easy to use, cost effective, and safe in handling, with no withdrawal periods.

A range of general combination remedies (as listed in "the ideal program") which are suitable for all birds are available as are remedies to target specific health problems.

The object of using such combination remedies as **Avian Health** is to create a more robust immune system, improve assimilation and reduce stress in the flock; it is not designed to counter a specific illness or threat. Where a diagnosable disease is affecting the birds, a specific targeted remedy must be administered as this is much more effective than a combination.

The **Energetic Feather Analysis Service** uses cutting edge computer technology to detect underlying imbalances in the body, which can cause the symptoms that are visible. The test runs through 200 categories such as bacteria, virus, parasite, digestion, toxins and respiratory, providing an analysis of imbalances and a specific remedy to promote healing. The flock specific remedy treats the birds holistically, reducing the negative effects of the illness and speeding recovery. It is recommended that the testing service is used to make **Avian Health** specific to your flock, with a new test being run monthly to keep on top of new pathogens which may come into the flock. Making products flock specific helps the remedy give you the best results. If your flock is suffering with an unknown condition the feather testing will provide you with the remedy to help them get over the problem and get back to full health.

CAUSES OF STRESS

- Handling from chick to laying shed
- Vaccinations
- Unbalanced / poor diet
- Proteins not giving the correct amino acid levels
- Poor housing / vermin
- Lighting patterns / strong sunlight
- Stockmanship
- Water quality – would you drink it?
- Genetics (parents / grandparents)
- Overhead cables, transformers, electrical installations
- Geopathic stress, underground water courses
- Poisons / Toxins
- Parasites / illness

EFFECTS OF STRESS

- Slow coming to lay
- Flightiness
- Under weight
- Feather pecking
- Cannibalism
- Feather loss
- Peritonitis
- Pale eggs
- Marked eggs
- Misshaped eggs
- Soft shelled eggs
- Loss of profit
- Lowered immune system

STRESS - EFFECTS ON EGG QUALITY

The eggshell is essentially the packaging for the egg. The egg takes 20-24 hours to be laid. During the development stage it is critical that the birds are free from stress otherwise defects such as shell markings, discoloration and blemishes appear, making the egg a financial loss.

The type of stress, timing and the duration of the problem can all effect the severity of the problem. Keep stress levels to a minimum for laying hens to cut down on seconds which will of course effect your profit.



COMBINATION REMEDIES

- **CHICK HEALTH**

Helps correct under weight birds and assists the immune system to recover from abuse via vaccination programs.

- **AVIAN HEALTH**

Designed to build up the immune system against many disease and parasitic vectors.

- **FLOCK SPECIFIC**

Make remedies specific to your flock by analysing feather samples to achieve the best results possible.

- **FEATHER CARE**

Feather care helps balance amino acid levels and assists the digestive system in assimilating their feed more efficiently. **Special offer prices on this great remedy, try it now!**

- **QUALITY EGG**

Boosts the appetite giving a larger egg and the phosphate content aids better use of the calcium in the diet. Do not use before 33 weeks.

- **CALMING CARE**

Use at all stages of life to calm flocks down, helpful when moving, working in sheds or whenever birds are stressed. **Special offer prices on this great remedy, try it now!**