



BIRD BREEDER GUIDE

From Breeder to Breeder

USEFUL ADVISES AND GENERAL PROGRAMS OF MANAGEMENT, PREVENTION AND TREATMENT OF MOST COMMON DISEASES OF CAGE BIRDS

Read with attention our advise and recommendations. We are sure that you can succeed stronger and healthier birds, with greater index of reproduction, objective to attain by the real Bird Breeders.

Due to the different species commonly maintained in captivity have different feed habits and characteristics; we will give in the first place very generic information over the acquisition, ambient, management and nutrition.

After, we will show in detail, an equilibrated year base-Program of maintenance for Canary Breeding, others resumed for Parrots and Exotic birds, and ways of diagnostics/treatment more common in the general cage birds.

ACQUISITION

When obtaining a bird, whether in a pet-shop or to a bird breeder, previously verify its hygiene, health and behavior. A healthy bird has to show itself happy and proud, with complete feathers, clean and shiny. Must not have a lethargic look, sleepy eyes, nor deteriorated plumage, dull or dirty. Never introduce immediately a bird recently acquired, near others you already have, without previously doing a quarantine, that's to say, maintaining it isolated during some days(at least 1 week), administrating an anti stress (**PLURISTRESS**, 5 or 6 days) followed by probiotics (**PROTEXIN** 2 or 3 days) and further, a multiple vitamin (**VITACHOK Total**, 2 or 3 days a week). Meanwhile, and as a prophylactic against ticks and lice, spray moderately the bird with **ZOOSPRAY**, repeating after 10 to 15 days. Do not make sudden changes, to the food, the bird is used to.

HOUSING

Provide a wide cage or bird house in order to the bird can make short flies. Only two perches are enough, for birds such as canaries, exotic birds, indigenous, and so on. The perches must be wooden, preferably of pine wood or fruit tree, and not of plastic or abrasive material. Don't place the drinking bowls directly under the perches. For parrots, you must avoid, as possible, the common chain perches.

TEMPERATURE AND HUMIDITY

Contrarily, to what many people think, a healthy bird can bear rather low temperatures. However air drafts must be avoided and sudden environment changes. Most birds in captivity can bear a wide range of moisture levels, although some species from tropical or subtropical countries prefer a higher moisture environment. We advise to dispose to the birds, enough water or periodically, in dry weather, to spray them with water.

LIGHT AND AIR

The sun light is of extreme importance for the health of living beings. Always when possible let your birds have sunlight,

having the care to provide them with some shade as protection. Note that when speaking about the sun, it is direct light and not filtered through a glass ore window, as these do not permit the passage of ultraviolet rays. Alternatively, you can use special fluorescent light that simulates totally the sun light spectrum. Reinforce the administration of D3 Vitamin (**FERTIZOON AD³EC**).

In closed environment we must not maintain the day light period for more than 16 hours, neither switch on and off the light when the birds are sleeping, as they may enter in Stress or even abandon the nests when in incubation period and/or breeding.

HYGIENE

A daily cleaning of the feeders, watering devices and the cage bottom, avoids problems associated to the soiling of feed and alerts the breeder to eventual signals of disease. A general cleaning, weekly or once a fortnight, which will include washing and disinfection of cages and aviaries, roosts, utensils and so on, using **VIRUDINE** or **VIRKON S** for an ideal cleaning.

FEEDING

Most diseases which affect birds is food born. The knowledge of the proper food kind to each bird is extremely important. The feeding with soiled seeds or of poor quality, excess of oily seeds (Niger 33% of fat, hemp 32%, sunflower 47%, turnip 40%, linseed 40%, peanut 47%) can cause serious illness with difficult treatments. Consider to offer a higher percentage of grain less fat and higher protein: canary seed, millet maize, oat, leguminosae and so on. Note that the referred fat seeds are the most tasty ones, so they must be carefully rationed. **A FAT BIRD IS NOT NECESSARELY A HEALTHY BIRD.** In the other hand most dry seeds have naturally low contents of vitamins and other essential micronutrients. **AVIZOON** has a wide range of feed and feed supplements (grainy, egg-feed, as well as veterinary products, able to well provide those needs.

We will further on present the most used in each situation.

AVIZOON as a specialist company and pioneer in Portugal in Bird Breeding is the result of a strong scientific and technical way connected with proved experience and dedication in the area, for more than twenty years. Its strong know-how of this activity both at National and International level, granted that **AVIZOON** became leader in the market of high quality and efficient products specific for Bird Pets. With such support, **AVIZOON** was obliged (considering many requests that have been received) to make up and spread the actual information a guide line of all Bird Breeders friends.

ANNUAL BASE PROGRAM AND MAINTENANCE SCHEMES FOR CANARY BREEDING

Birds, including the canaries, whether in the Nature as in captivity, pass by many fazes along the year, all them important for the biological / physiological cycle, that implicates the metabolic alterations, feeding and sanitarium.

The Canary breeder must have attention to these periods, in order to obtain a sanitary high level of its birds and consequently achieve the principal objective, which is a good reproduction rate, with strong and healthy young.

It is intended with this base-program to provide the breeder, simple schemes to follow on watt respects the preventive treatments and maintenance. It does not constitute a rigid program, being possible to alter it punctually according with different circumstances or specific needs and the own experience of the bird breeder.

1 - PREPARATION OF THE BREEDERS

After washing and disinfection of all the equipment with **VIRUDINE** or **VIRKON S**, and selection of the birds that are wanted to mate, one needs to verify carefully its health situation, principally if acquired recently. As so, it is advised to do them a short quarantine, worming them externally with **ZOOSPRAY** (repeating it always once every three weeks) and administrating them an antibiotic complex of large spectrum with vitamins (**PLURISTRESS**, during 5 or 6 days).

In case of suspecting specific problems, such as respiratory or intestinal affections of bacterial origin, act in conformity, using the more appropriated products, namely, as the situations: **POLI-CRD**, **PNEUMO-RINO** or **ENTEROPLUS** (please see the CADRE OF THE MOST COMMON DISEASES).

The chosen birds must be prepared, looking for its strengthening and fertility, so that they can face the “hard” breeding season that will follow. Normally this preparation will be started in December or January in Portugal and other countries of the North Hemisphere (a little later in a cooler country). In the South Hemisphere between the end of June and beginning of August. It depends on the region and the climatic conditions, which can extend for 3 to 4 weeks.

Always have at the bird's disposal a mineral block **CALCIBLOCO** (except during the administration of some medical products that for this purpose we specify at the COMPLEMENTARY NOTES. Provide a normal food of balanced mixture and/or special granules (with **AVIZOON** also disposes) and promptly some fresh greens (avoid lettuce, as it may be diuretic) very well washed (it may contain pesticides). Use the drinking water always of the best quality (avoid the water from wells and other doubtful fountain) to convey the products of the following prophylactic scheme.

		1 ST WEEK	2 ND WEEK	3 RD WEEK	4 TH WEEK
DAYS	1 st	INTERVERMES O.C. or VERMIZOON (a)	Clean Water	COLINA Ca/P	FERTIZOON AD3EC (c)
	2 nd	VITACHOK Total	FERTIZOON AD3EC (c) PROTEXIN (d)	Clean Water	FERTIZOON AD3EC (c)
	3 rd	PLURISTRESS (b)	FERTIZOON AD3EC (c) PROTEXIN (d)	COLINA Ca/P + VITA B COMPLEXO	FERTIZOON AD3EC (c)
	4 th	PLURISTRESS (b)	FERTIZOON AD3EC (c) PROTEXIN (d)	Clean Water	Clean Water
	5 th	PLURISTRESS (b)	Clean Water	AMINOVIT L	COLINA Ca/P
	6 th	PLURISTRESS (b)	COLINA Ca/P + VITA B COMPLEXO	Clean Water	Clean Water
	7 th	PLURISTRESS (b)	AMINOVIT L	VITACHOK Total	Clean Water

a) Only in the case of birds recent acquired or in aviaries with ground floor, as in a cage with good food rarely they get worms.

b) During the administration of **PLURISTRESS** remove the mineral bloc **CALCIBLOCO**.

c) Or **VITA E + Se**, especially in the Recessive Canaries.

d) We advise the administration of **PROTEXIN** by the “egg foods”.

2 - MATING

Mating is performed normally in the end of January and February in the Northern Hemisphere (in the Southern Hemisphere in August and September), depending obviously in the region and the birds condition. After the introduction of males to females, which must be attentively controlled having in view assure their compatibility (as that some couples may not accept themselves immediately, starting fights, sometimes dangerous) one must do during a week, a preventing treatment against *Escherichia coli*, as follows:

1 ST WEEK						
1 st DAY	2 nd DAY	3 rd DAY	4 th DAY	5 th DAY	6 th DAY	7 th DAY
FP 20/20	FP 20/20	FP 20/20 + VITA B COMPLEXO	FP 20/20 + VITA B COMPLEXO	FP 20/20 + VITA B COMPLEXO	VITACHOK Total	Clean Water

Maintain the **CALCIBLOCO**. Maintain the normal food and start the administration of a good **BREADING EGG FOOD** humid or dry (which **AVIZOON** also provides) 2 or 3 times a week, complemented immediately after the administration of the **FP 20/20** above referred, with **PROTEXIN** during 3 consecutive days.

3 - LAYING PREPARATION

After the previous stage, make go the following week plan, interrupting only 5 or 6 days before the laying starting.

		1 ST WEEK	2 ND WEEK	3 RD WEEK	4 TH WEEK
DAYS	1 st	AMINOVIT L	COLINA Ca/P	AMINOVIT L	Clean Water
	2 nd	Clean Water	AMINOVIT L	Clean Water	AMINOVIT L
	3 rd	FERTIZOON AD3EC (a)	Clean Water	FERTIZOON AD3EC (a)	Clean Water
	4 th	Clean Water	FERTIZOON AD3EC (a)	FERTIZOON AD3EC (a)	COLINA Ca/P
	5 th	COLINA Ca/P + VITA B COMPLEXO	Clean Water	FERTIZOON AD3EC (a)	Clean Water
	6 th	Clean Water	COLINA Ca/P + VITA B COMPLEXO	Clean Water	COLINA Ca/P + VITA B COMPLEXO
	7 th	FERTIZOON AD3EC (a)	Clean Water	COLINA Ca/P + VITA B COMPLEXO	Clean Water

a) Or **VITA E+Se**.

Maintain always **CALCIBLOCO** starting to administer **EGG FOOD** 3 or 4 days a week, by adding to it **PROTEXIN**. During the referred 5 or 6 days before laying (at which the couple starts the nest building) repeat the prevention of *Escherichia coli* and other possible bacterial diseases, according with the scheme mentioned on "MATING". As well, 5 or 6 days before laying repeat general spraying of birds and nests with **ZOOOSPRAY**, after washing and disinfecting all equipment with **VIRUDINE** or **VIRKON S**.

4 - LAYING AND BIRTH OF CHICKS

Initiated lay, start giving daily **BREADING EGG FOOD** humid or dry, adding **PROTEXIN**. It is recommended that as eggs are being laid, these should be removed and saved in a small box with cotton or seeds (at a dark and fresh local, and turned over a least once a day) and substituted by plastic false eggs, restoring them in the nest (and removing the plastic ones) after the posture of the 4th egg.

The birth of chicks happens at the 13th day, and should be given **PROTEXIN** in the Egg Food in the same day and during some other 4 followed days, passing after that to add up also daily in the Egg Foods the **PROMOCRIA Extra** as well as specific granulate (that we can indicate). Simultaneously, and if you wish, you may administer an adequate selection of germinated seeds (put a portion of those seeds in a strainer and let warm water run over them, adding some drops of **FUNGISTOP**, letting them wetted during 24 to 48 hours, passing them by clean water 3 or 4 times during that period; finally, well drain the water and give a small portion of those seeds to each brood).

If you see that the parents deficiently feed the offspring, make use of "hand feeding". **AVIZOON** has various products specially formulated for this effect and for different bird species. For its right administration, its recommended to use the "**KIT SYRINGE I or II**" (according to the birds in question).

Trough the drinking water, use the following week scheme till the separation of the chicks:

		WEEKLY						
		1 st DAY	2 nd DAY	3 rd DAY	4 th DAY	5 th DAY	6 th DAY	7 th DAY
<i>During the laying</i>		COLINA Ca/P	Clean Water	VITACHOK Total	Clean Water	COLINA Ca/P	Clean Water	COLINA Ca/P
<i>After birth</i>		VITACHOK Total	Clean Water	COLINA Ca/P + VITA B COMPLEXO	Clean Water	VITACHOK Total	Clean Water	COLINA Ca/P

Attention: To the red factor canaries (intensive or buffed) must be administered **COLORING EGG FOOD** after the 3rd day of life of the chicks. To the Mosaic Canaries give from the 45th day on, the **COLORING EGG FOOD** (continuously till the end of the moulting).

5 - SEPARATION AND DEVELOPMENT OF THE CHICKS

This is one of the most important and critical stages on the young canaries, happening normally between the 4th and 5th week after birth, depending on their stage of development and their capacity to peel and eat dry seeds. Give them some crushed seeds and continue to give them the granulated.

Maintain the Egg Foods daily, adding **PROMOCRIA Extra** during more or less 10 days. Also always maintain the **CALCIBLOCO**. On the first week after separation, administer **POLI-CRD** during 4 or 5 days, followed for 3 more days of **PROTEXIN** in the Egg Foods, after which the weekly below scheme must be followed:

WEEKLY						
1 st DAY	2 nd DAY	3 rd DAY	4 th DAY	5 th DAY	6 th DAY	7 th DAY
AMINOVIT L	Clean Water	COLINA Ca/P +VITA B COMPLEXO	Clean Water	VITACHOK Total	Clean Water	AMINOVIT L

At this phase it's possible to appear respiratory diseases or diarrheas (few probabilities if the previous prescriptions are met). If that happens, make an adequate treatment suitable to the problem resolution (see the "TABLE OF MOST COMMON DISEASES") returning after to the above scheme.

6 - FEATHER MOULT

Of the Chicks: Normally starts earlier than the parents moulting. It is also a critical phase, but normal, that requires from the birds a great energy outlay, with stress. Canary seed and linseed percentage must be increased in the selected dry seeds, maintaining if the case, the special granulate food. Continue to give Humid or Dry Egg Food (or continue with the COLOR EGG FOOD of the red factor Canaries), been possible to add a small portion of **INSECTIVORA EGG FOOD** specially when Big type (posture) canaries are present.

WEEKLY						
1 st DAY	2 nd DAY	3 rd DAY	4 th DAY	5 th DAY	6 th DAY	7 th DAY
AMINOVIT L (*)	Clean Water	AMINOVIT L (*)	Clean Water	COLINA Ca/P + VITA B COMPLEXO	Clean Water	AMINOVIT L (*)

(*) - or MUTADRY in the Egg Food (breeder's choice).

Of the Adults: Later, it starts normally after the last clutch (avoid more than three postures a year). It is also a difficult phase, as the parents have to recover from the effort spent with the breeding and also restore all their plumage. Separate males from females and feed them well, increasing the percentage of oilseeds (linseed, turnip, niger) and maintaining as for the chicks, **BREEDING EGG FOOD** or **COLOR EGG FOOD** and the special granulate. In the drinking water follow the same scheme indicated for the chicks.

7 - REST AND MAINTENANCE PERIOD

Having ended the moulting a maintenance and preparation period is entered for the winter resting or for exhibition in expositions, till the next breeding season. Maintaining the oil seeds, reduce the EGG FOODS for 2 or 3 times a week, and in the drinking water apply the following week scheme:

WEEKLY						
1 st DAY	2 nd DAY	3 rd DAY	4 th DAY	5 th DAY	6 th DAY	7 th DAY
VITACHOK Total	Clean Water	COLINA Ca/P	Clean Water	COLINA Ca/P + VITA B COMPLEXO	Clean Water	VITACHOK Total

It's advised - and indispensable for the Canaries that come from shows or competitions – a new general external deworming with **ZOOSPRAY**. Also to the birds returning from an exposition, administer immediately **PLURISTRESS** consecutively during 3 or 5 days, returning to again to the weekly scheme above referred.

In the beginning of the cold weather or when any sudden change of temperature happens, give them preventively, with a punctual interruption of the maintenance programs here indicated, **POLI-CRD** during followed 6 days, returning again to the before scheme. Immediately after the **PLURISTRESS** or the **POLI-CRD** administer **PROTEXIN** in the EGG FOOD during 3 days.

COMPLEMENTARY NOTES:

- The **AMINOVIT L** and the **MUTADRY** have similar compositions, being the first one (liquid) indicated for using it in the drinking water or for eventually moisten the Dry Egg Food, and the second (powder) to be added to the Humid Egg Food. (it's the breeder's choice).
- Some respiratory difficulties, may be caused by mites that host on the trachea, provoking breathlessness (respiratory difficulty), and normally at night, the attacked bird seems to cough. It is the denominated **ACARIASIC ASTHMA**, which can be treated efficiently with **ACARIASMA**, according to the instructions included in the pack.
- If respiratory problems surge, of bacterial nature (nasal discharge, swollen eyes and/or tearful) use **PNEUMO-RINO** during 5 consecutive days, together with **VITAB COMPLEXO** in the last 3 days, followed by **PROTEXIN** another 3 days.
- When in the intestinal forum affections are found, administer **FP 20/20**, or **POLI-CRD** during 5 followed days. for non specific diarrhea, administrate **ENTEROPLUS**, always followed with 3 days of **PROTEXIN**.
- In case of any acute disease suddenly shows up, immediately give **ZOOSERINE** (1 pill every 8 or 12 hours, during at least 3 to 5 consecutive days till the complete recovery of the bird), followed by other 3 days of **PROTEXIN**.
- For dermatological diseases (tinea, etc) **FUNGISTOP** is recommended, a product also advised for the general prevention of fungi and / or molds (including the germination of seeds).
- All canaries must have permanently at its disposal the mineral block **CALCIBLOCO**, removing it only when treatments with **PLURISTRESS**, **POLI-CRD**, **PNEUMO-RINO**, **ENTEROPLUS** or **ZOOSERINE**.

HOW TO RECOGNISE SIGNS OF DISEASES IN YOUR BIRDS

Not always is easy to recognize when our birds are sick, if well, has we have given to understand, a well fed bird and which principles of hygiene are being fulfilled, has at starting to have much less possibilities of getting sick. It happens however, to any living being, for one or other reason, can show up sick.

As so, it's of primordial importance to recognize precociously the more frequent symptoms or signs of certain disorders so that we may act rapidly, administering the product best indicated for each case.

The following symptoms can give clue of a more or less serious disease, there for, in more difficult cases, it is advised to find a veterinary or a contact with AVIZOON. (In a emergency situation and while a solution is not found, maintain the bird sheltered and heated, separated from the others.

1 - MODIFICATION ON THE ASPECT OF THE FECES

A sick bird can show:

- Decrease on the feces quantity.
- Change of color of the urine urates.
- Increase of the urine portion (polyuria).
- Decrease of the feces volume with increase of urates.

2 - DECREASE OR EXCESSIVE CONSUMPTION OF FOOD OR WATER

3 - MODIFICATION OF THE APPEARANCE BEHAVIOR OF HABITS

- The "ball-shaped" bird frequently with the head gathered under the wing.
- Decreased activity, loss of song, drowsiness, lack of answer to the stimuli.
- Ruffled feathers, weakness, loss of balance, abnormal position on the perch, permanence on the bottom of the cage, fallen wings, convulsions.

4 - BREATHING MODIFICATION

- Difficult breathing (the tail move up and down); breathing difficulty after effort; change in the "voice"; breathing noises as sneezing, clicks or hisses, cough.

5 - BODY SWELLING

IMPORTANT NOTES:

1. When acquiring a bird, never join it immediately to the ones you eventually already have. You must make it a quarantine (15 days) by administering it an anti-stress (**PLURISTRESS**) and doing it a de-worming with **INTERVERMES**, **INTERVERMES PLUS** or **VERMIZOON**
2. It is also advised a cleaning and disinfection of the own installations and equipments with **VIRUDINE** or **VIRKONS**.
3. Some times the bird suddenly depleted such a way that can no longer ingest or drink by itself, as one must administrate the necessary veterinary product already dissolved applying it directly in the beak. The "**KIT SERINGAI** or **II**" eases a lot the operation

6 - ALTERATION OF BODY WEIGHT OR GENERAL FISIC CONDITION

- The bird appears lightness; a prominent keel ("knife"), due to the loss of muscular tissue on the chest (severe), Trying to eat constantly.

7 - WOUNDS OR HEMORRHAGE

8 - VOMITING OR REGURGITATION

9 - NASAL DISCHARGE

These are the most worrying signs, so you have to take the adequate measures:

- Do not give antibiotics without knowing exactly the causes.
- While you don't consult a technician, you may at most give warm water with sugar or **COLINA Ca/P**.
- Do not wait for the next day.

10 - OTHER SYMPTOMS THAT DESERVE ATTENTION

- Abnormal and prolonged moulting.
- Swelling and/or loss of feathers around the eyes.
- Lack of strength on the legs.
- Swollen feet and/or reddish.
- Abnormal growth of the beak or the nails.
- Crusts in the nostrils.

As it is obvious, we do not have the pretention to approach here all the sanitary problems that affect the birds in captivity. Only very briefly we indicate to the BIRD BREEDERS less experienced some diseases more common on our birds. It is important to note that the diseases are not contagious to Man, with exception to Psittacosis / Ornithosis that, being very rare, as soon as diagnosed it is today easily treated.

TABLE OF THE MORE COMMON AFFECTIONS AND MORE ADVISED THERAPEUTICS

	SYMPTOMS	PROBABLE DIAGNOSIS	PROBABLE CAUSES	AFFECTED BIRDS	THERAPEUTIC	OBSERVATION
OF THE DIGESTIVE SYSTEM	Skin injuries (commissures on the beak, around the eyes), nostrils and throat. On the benign form, purulent crusts.	Smallpox. High mortality (see below "Mycosis")	Contagious virus Mosquitoes or birds recently vaccinated can be carriers.	Canaries (mortal)	ENTEROPLUS (not always efficient on the acute form). ZOOSPRAY against mosquitoes.	Very contagious The virus can remain 1 year in local. Disinfect the facilities with VIRUDINE or VIRKON S. Vaccine.
	Swollen and dark liver: brownish feces and diarrheas. Bird "ball shaped" with breath difficulty looking tired.	Hepatitis or hepatic affection due to excess of fat in the seeds. Mortality at long term	Feed too rich in fat seeds (turnip, rape, niger hemp, sunflower.	Canaries, exotics, parrots and budgerigars	Diet of only canary seed, oat, blank maize. For parrots, soak the seeds. Always give COLINA Ca/p 2 or 3 days a week and VITA B COMPLEXO 1 or 2 times. Give PROTEXIN.	Very common in canaries and psittacines, Confused sometimes with respiratory problems. Reduce the percentage of oilseeds.
	Loss of appetite. The bird semi "ball-shaped" cannot swallow the seeds. Very thirsty. Weight loss. The non treated bird dies, trying to eat before it dies.	Gastroenteritis sub acute or acute. Syndrome of the "Disease of the knife"	Abrupt changes on the feed. Aggression by Escherichia coli or Salmonella	Canaries, wild or exotic birds recently captured and others	PLURISTRESS, ENTEROPLUS, ZOOSERINE + VITA B COMPLEXO	Isolate. Heated place. (may be contagious) Offer germinated seeds. PROTEXIN after treatment.
	Diarrhea, "ball shaped": Humid nests. Females "sweated": Great consume of water (chronic way). On the first days (3rd and 9th) the chicks show weight loss, pale skin and mucosal (interior of the beak and mouth). Neck very thin. Acute enteritis. Dies in 48 hours. The birds show the anus obstructed with feces.	Salmonellosis (Escherichia coli)	"Escherichia coli" in the contaminated dirty water Greenery dirty. Direct transmission from parents to chicks.	Canaries, exotic birds, wild birds. In the adults it is not mortal	Difficult treatment. Prevention with PROMOCRIA EXTRA. Treatment with FP 20/20	Adults even without symptoms can be carriers/transmitters Disinfection of the material and utensils with VIRUDINE or VIRKON S.
	Embryos do not get to be born (in the chronic form). Adults do not show own symptoms. In the acute form : great mortality on the offspring, that show the intestines very congested, dark liver. At the necropsy the gallbladder shows hypertrophied. White diarrhea, obstructed cloaca with faeces.	Salmonellosis (Escherichia coli)	Salmonella (paratyphoid) Transmitted by sparrows, rats, etc.	Canaries, exotic birds, etc. Pigeons ("mal-da-asa"). Mortal.	Isolate and preferably sacrifice, as the parents will be almost always carriers of the disease. Prophylaxia: FP 20/20 or ENTEROPLUS to chicks and breeders. Very difficult in chicks. Give PROTEXIN immediately after.	Contagious from parents to chicks, by the eggs. Chicks die between the 8th and 15th day. Disinfection of the installations and the material with VIRUDINE ou VIRKON S.
OF THE RESPIRATORY SYSTEM	Lachrymal distillation with no dyspnea, nor noises. Normal flux.	Cough.	Brusque change of the temperature, drafts.	Canaries, exotic birds, psittacines , etc.	Isolate, place the birds in a heated place. Give PNEUMORINO, followed by PROTEXIN.	Contagious to other birds. Prevention with POLI-CRD.
	As at the previous case, but with purulent nasal flux and foul odor	Runny nose.	"Bacteria Haemophilis"	Canaries, exotic birds, psittacines , etc.	Isolate, place the birds in a heated place. Give PNEUMORINO, followed by PROTEXIN.	Contagious to other birds.
	Nasal distillation with no dyspnea nor noises, Deformities on the nose membranes, with crusts. Lack of feathers around the eyes and beak commissures.	Mycosis.	Of fungus origin or by mites.	Canaries, Budgerigars, etc.	FUNGISTOP in the drinking water and posterior cleaning of the deformities. ZOOSPRAY.	Supply AMINOVIT L, VITA B COMPLEXO. Disinfect with VIRUDINE or VIRKON S.
	Breathlessness (difficulty in breath). Dark stain in liver	"C.R.D." (Chronic Respiratory Disease.	Mycoplasma (contagious to other birds)	Canaries, exotic birds, psittacines, pigeons etc.	Isolate. PNEUMORINO or POLI-CRD followed by PROTEXIN.	Disinfection with VIRUDINE or VIRKON S.
	Breathlessness and breathing noise. Coughing as it was trying to expel something	" Acariasic Asthma"	Mites (Sternostoma trache oculum) that host in the tracheal	Canaries, exotic birds, etc	Hygiene. ACARIASMA ou ZOOSPRAY.	Cleaning of seeds.
PARASITISM	Mouth cavity reddish. Swelling throat. Cheesy thickening in the larynx and behind the tongue. Chronic diarrhea bad smelling and mucoid	"Trichomonas" "Giardiosis" in budgerigars and cockatiels.	Transmitted from parents to chicks	Pigeons, some exotic birds, budgerigars and cockatiels	Worming the parents with INTERVERMES or VERMIZOON, followed by ZOODIMETOXIN (6 to 18 days). Pay attention to dosage.	Vitamin A. Not possible the chicks cure. Always use clean waters and disinfect with VIRUDINE or VIRKON S.
	Weight loss, Bird eats. Looking sad. Swollen belly.	Internal parasites, Worms.	Nematodes, Tapeworms, Heterakis, etc. transmitted (the eggs) by the soil or by seeds	Normal on the birds in aviary with land floor. Canaries, exotic birds, psittacines, pigeons, etc.	Worm every three months with VERMIZOON, INTERVERMES ou INTERVERMES Plus.	Cleanup the ground and seeds.
	Weight Loss. Abandon of nest.	External parasites.	Mites and/or lice	Common in any bird	Spray the birds with ZOOSPRAY.	The red lice (blood sucker) only attacks during the night.

FEED AND USE OF THE PRODUCTS IN PSITACINES

We call your attention for the dangers in the excessive use of dry sunflower and peanut in parrots. These seeds, as already referred, have a high level of fat and if the basis of these birds food, as it is a lot seen, sooner or later severe problems will arise, from diarrhea, vitamin deficiency, chopping and feather plucking, hepatic-enteritis, etc.

We recommend a varied diet constituted by 20% Sunflower (black and white) 10 to 20% Corn, 10% Peel Oats, Peas, Beans and Canary seed. It is convenient that all the mixture (except the Canary seed) is previously soaked +/- 24 hours or, at least during the night. Also give fruits, carrots, etc. To some parrots of greater size, also can be given sometimes a little bit of cooked meat (a chicken bone for example).

AVIZOON has several types of specific pellets, for each species that are a supplement or a modern alternative to vulgar seed mixtures, mote suitable and nutritionally more complete and balanced, hygienic and easy to administer, that guarantees an optimal state of health and consequently a long life perspective.

- Worming 1 or 2 times per year with INTERVERMES O.C. or VERMIZOON .To larger size parrots, a capsule of INTERVERMES PLUS (of the AVIZOON range for pigeons) directly into the beak. Administer AMINOVIT L twice a week.

- Do not forget to make a 15 days quarantine every time you acquire a new bird, giving it PLURISTRESS or PROMOTOR CRIA Extra, served in EGG FOOD FOR PARROTS dry or humid.

- To Budgerigars and during breeding, put at their disposal EGG

FOOD FOR BUDGERIGARS Dry or Humid.

- At the abnormal feather molting ("French molt"), you must use FUNGISTOP.

- As is evident, we could not do a more detailed program for bird species in captivity. All them have different characteristics and feeding habit, so we recommend the study of those birds, in view of its maintenance in captivity in the best conditions.

- For any explanation you may always appeal AVIZOON by the below indicated contacts.

MAINTENANCE OF EXOTIC BIRDS

There are numerous exotic bird species normally maintained in captivity, so it would be almost impossible in this small brochure to give detailed information on each.

- Two great groups stand out: the one of Granivorous and the Frugivorous / Insectivorous.

- The most common are, no doubt, the first ones, the ones that feed basically on seeds (millets, white millets, canary seed, etc. We give as an example the Zebra Finches, the Gouldian finches, the Society finches (Bengalese), the Java sparrows, etc.

- The others, that in Nature eat essentially fruit and/or insects are fed in captivity with specific granulates and supplementary "egg foods" (that AVIZOON represents and may technically advise), besides the fruit that we may supply.

- Generally, the exotic birds are more sensible than the canaries an psittacides , supporting badly the low temperatures, so it's convenient to provide them facilities safeguarded of the cold, mainly in Winter.

- Every time you acquire exotic birds, you must previously verify the states of health, getting information at your supplier what

food requirements and management they need.

- It is advised do make a short "quarantine" – about a week or so, before joining them with others that eventually you already have, giving them the "anti-stress" PLURISTRESS in the drinking water or the PROMOCRIA Extra in the "egg food".

- Many exotic birds breed well in captivity, therefore you should get information from your supplier, or contact us, to know what best indicated procedures for the breeding of the birds in question.

- After the "quarantine", you must, as a routine, give them vitamins once or twice a weak ; VITACHOCK total, FERTIZOON AD3EC, AMINOVIT L.

- Always when needed, check in this brochure "Table of the more comon afections and more advised therapeutics".

In any case of doubt feel free to contact AVIZOON

www.avizoon.pt



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