



FOR TRADE USE ONLY

# MEDICATION OF GARDEN POOLS AND COLDWATER SALES TANKS

Disease organism and parasite populations peak twice in every year, first in Spring and then again in Autumn. Waterlife Research Ind. Ltd manufacture 4 very broad spectrum medications which fully control all known diseases and parasites which occur during these 2 difficult periods. These are:-

- 1) **MEDIZIN P** (Protozoacide/Fungicide).  
Treat twice a year according to instructions, commencing on Spring and Autumn every year.
- 2) **STERAZIN P** (Parasiticide/Bactericide). This medication destroys ectoparasites (i.e. gill flukes, body-flukes) and endoparasites (threadworms, tapeworms, roundworms etc.) of pond fishes. A course of **STERAZIN P** should be used automatically every Spring and Autumn 10 days after the final **MEDIZIN P** treatment.
- 3) **MYXAZIN P** (Broad Spectrum Bactericide/Fungistat). A powerful bactericide and fungistat for the treatment of fin-rot, ulcers and other bacterial infections. Use 10 days after **STERAZIN P** treatment for 3 consecutive days to lower the count of harmful bacteria present in the pond. As with all Waterlife medications, filtration bacteria are totally unharmed.
- 4) **PARAZIN P** (Insectan/crustacean parasiticide) Tabletised treatment for fish lice, anchor worm, water scorpions and gill maggots. Treat twice a year at beginning and end of season. Fish are continually re-infested by birds, frogs, toads, newts etc.

## NOTES

**PARAZIN P, MEDIZIN P, STERAZIN P** and **MYXAZIN P** are totally harmless to Koi, all varieties of goldfish and tench, orfe and rudd. These products will not damage filtration bacteria or pond plants either.

Finally, using preventative medication as described above, greatly reduces the outbreak of post-import related diseases.

## GENERAL NOTES

A) Although there are two distinct peaks in the incidence of fish diseases and parasitisation, i.e. in Spring and in Autumn, **ALL IMPORTED FISHES**, (i.e. pond fishes, tropical freshwater, brackishwater, and seawater fishes) **ARRIVE IN HIGHLY DISEASED AND FREQUENTLY PARASITISED STATE FROM OVERSEAS**. The reasons for this are numerous.

The principle reasons are:

- i) The failure of the **OVERSEAS SHIPPERS** to diagnose and treat the fishes prior to shipment.
  - ii) Even when some degree of simple **PRE-SHIPMENT MEDICATION** does occur, the fishes always re-develop overt diseases during the 24-48 hours of intercontinental shipments. This is due to the revitalisation of internal reserves of pathogens/parasites during the highly stressful shipment period. What were **LATENT DISEASES** within the fishes, become highly **ACTIVE, OVERT AND CONTAGIOUS DISEASES AND PARASITES**.  
Thus, the highly profitable **FISH IMPORTER** will **ALWAYS AUTOMATICALLY MEDICATE** his fishes immediately on arrival and for the succeeding few days after importation in order to reduce mortalities to zero and maximise profits. It is quite senseless to say to yourself "Oh, they look OK. I'm tired. I'll medicate them tomorrow." Tomorrow is always too late!
- B) The swiftest killer diseases of all fishes are **PROTOZOAN DISEASES**, e.g. white spot (ichthyophthirias), velvet (oadiniasis), etc., and **FUNGAL DISEASES** e.g. cotton wool (saprolegniasis), ichthyosporidiasis, etc.

It is due to the fact that that these protozoan and fungal pathogens cause mass mortalities within a few hours of importation, that the first treatment of all species of fishes, seawater or freshwater, tropical or temperate, **MUST ALWAYS BE WITH A COMBINED PROTOZOACIDE/FUNGICIDE** such as **CUPRAZIN** (seawater), **PROTOZIN** (tropical freshwater) or **MEDIZIN P** (fancy coldwater fishes). With most species of fishes, no further treatment is necessary whatsoever unless the fishes were received in extremely poor condition.

C) It has been recommended above that the first course of treatment for newly-imported cold water fishes is **MEDIZIN P**.

However, it is equally true that **CUPRAZIN IS A VERY POWERFUL PROTOZOACIDE/FUNGICIDE/ BACTERISTAT**, i.e. the antiseptic mucous which the **CUPRAZIN** causes the fishes to secrete is frequently as effective against Bacteria as **MYXAZIN** although the fish -secreted mucous is not nearly such a broad -spectrum **BACTERICIDE** as **MYXAZIN**.

The correct dosage when using **CUPRAZIN TO MEDICATE FRESHWATER FISHES SUCH AS GOLDFISH, TENCH, KOI ETC.** is:

- i) Softwater areas - 1 ml. of **CUPRAZIN** (500 ml. bottle) to each 180 litres (40 Imp. gallons) of freshwater on days 1, 2, and (if necessary) 3
- ii) Hardwater areas - 1 ml. of **CUPRAZIN** (500ml bottle) to each 90 litres (20 Imp. gallons) of freshwater on days 1, 2 and (if necessary) 3.

Please note: **CUPRAZIN** is totally harmless to Filtration bacteria as are ALL Waterlife medications.

D) Juvenile Japanese koi, (i.e. up to 12 cms or 5 inches in length) are extremely prone to the internal **PROTOZOAN** infection called **COCCIDIOSIS**. This is easily cured using a 120 ml. bottle of **MYXAZIN** at 1 ml. per 30 litres / 6.5 Imp. gallon on days 1, 2, 3, 4 and 5. Failure to treat **COCCIDIOSIS will** result in steady daily mortality of these younger koi.

### **VITAMINS**

We have noted over the years that almost ALL fishes, ie cold water, salt water, tropical fresh water and brackish water suffer a great deal of trauma during inter-continental transportation. To make things worse for them, they are then unpacked into our utterly sterile vats, tanks or aquaria. Here there is none of the vitamin - enriched natural foliage to sustain them as in their native ponds.

The natural answer is **VITAZIN** a stable (5 years) mixture of all vitamins and growth substance known to be essential to fish health, colour and disease resistance. We implore you to carry out this simple test:

**VITAZIN** - Soak pellets and flakes before feeding your fishes. You will find that they come into world class sale condition 4 - 7 days earlier than before. Your nitrifying bacteria will flourish also. The economy 120 ml **VITAZIN** pack is now available to the trade.