De Rust Grass Carp Farm

Tel: 023 – 616 2444
Fax: 0865447505
Email: info@outdoorarena.co.za
Web: www.grasscarp.co.za
PO Box 256, Bonnievale, 6730

THE USE OF GRASS CARP IN AQUATIC WEED CONTROL

Before stocking Grass Carp, and annually thereafter, a biomass assessment and investigation of your water resource is essential. This allows for the design of a specific stocking model and program, best suited to the conditions, so that the best possible results in the control of aquatic vegetation can be achieved.

We have compiled a questioner to assist in the planning of a stocking program that suites your water body. This helps us spend less consulting time in gathering the required information, meaning that you receive your fish sooner to achieve better end results.

The use of Grass Carp in the control of aquatic plants has many advantages such as:

- Eliminates vegetation cost effectively (cheaper than by herbicides or manually).
- It is safer and environmentally friendlier than control by chemicals and herbicides.
- As these fish live long they control vegetation over many seasons.

Factors to consider when using grass carp:

- Grass Carp can be used effectively under a wide range of conditions.
- Grass carp tolerate a wide temperature range and climatic conditions. Their feeding behavior is however influenced by water temperature and season.
- They are selective feeders, favoring certain plant species. The aquatic plant community must be well understood and a stocking program worked out accordingly.
- Grass Carp grow rapidly, reach a large size (15 kg.) and are relatively long-lived.
- Depending on the conditions 20 to 30 fish are usually stocked per hectare.
- Stocking too few fish will have little effect while overstocking can eliminate plant cover completely, leading to turbidity and deterioration of water quality that can cause ecological imbalances.
- Grass Carp stocking can lead to water nutrification in closed systems through rapid circulation of nutrients tied up in water plants.
- Grass Carp will migrate out of water impoundments if given the opportunity.
- Grass Carp could influence other fish species. Through correct management this influence can be used advantageously to promote the well being of other species.
- Bass, birds and otters can reduce fish numbers if stocked at an inappropriate size.

Current prices for certified sterile, disease free Grass Carp (subject to change without prior notification) are:

- 15 cm fish	R 165.00 each
- 20 cm fish	R 182,00 each
- 25 cm fish	R 215,00 each
- 30 cm fish	R 260.00 each
- 40 cm fish	R 300.00 each

Prices exclude consultations, permit applications, packaging, transport and VAT

DE RUST IS THE LEADING AUTHORITY ON GRASS CARP IN SOUTHERN AFRICA.LEASE FEEL FREE TO CONTACT DE RUST FOR ANY FURTHER INFORMATION.

ORDER FORM AND INFORMATION FOR STOCKING (APPLICATION MODEL) OF GRASS CARP

For the effective stocking and management of Grass Carp we recommend that the following questioner be completed clearly (in print) and returned via mail, email or fax to:

De Rust Fish Farm
PO Box 256
Bonnievale, 6730

Tel: 023 – 616 2444
Fax: 0865447505
Email:

The submission of the form ensures that your particulars are listed for the first available fish. As soon as fish become available we will forward the necessary costing, payment details and transport arrangements to you prior to dispatch.

Due to the sensitive nature of using Grass Carp in the correct manner no fish will be supplied without full particulars of the water body that will be stocked.

For any further information please contact:

Tel: 023 – 616 2444
Fax: 0845447505
Email: info@outdoorarena.co.za
Web: www.grasscarp.co.za

GENERAL PARTICULARS

Contact person		ID Number	
Telephone no.		Fax no.	
Postal address			
Forwarding address for fish			
Date of enquiry		Email	

LOCATION OF THE WATER RESOURCE / DAM

Name of the water body / dam	
Name of the farm / property	
Erf / farm number / GPS code	
Name of the closest town	
Name of the province	
Name of the closest river	
Any flow from the dam to the river?	

INFORMATION PERTAINING TO THE WATER BODY / DAM

Estimated surface area of the dam				
Estimated average depth of the dam				
Estimated depth of the deepest point				
Estimated volume of the dam				
How does water enter the system *e.g. open stream, pipe, pumps etc.*				
How does water exit the system *e.g. open stream, pipe, pumps etc.*				
Average inflow volume		Per day	Per month	Per year
Average outflow volume		Per day	Per month	Per year
What is the dam used for *e.g. irrigation, drinking water etc.*				
What % of the dam surface has aquatic vegetation				
Give a short description of the plants *(leaf form, flowers, rooting style, color etc.)* *(attach photos / sketch if possible – a photostat of the plant can also be used to illustrate the growth form)*				
Have other control measures been attempted – what methods				
Are there any fish in the dam				
What fish species occur				
Are there otters in die vicinity				
Do you want to use the dam for angling				
No. of Grass Carp required (leave blank if we must recommend)				
Size of fish required (leave blank if we must recommend)	15 - 20 cm.	20 - 25 cm.	25 - 30 cm.	

Can De Rust continue with arranging the necessary Grass Carp permits (local and inter-provincial)? **(Permit applications are undertaken at R 150 per permit)**	**YES**	**NO**
	Mark with X	

SIGNED		**DATE**	