

## RAIN AND FLOODING



### WHAT TO DO WHEN FLOODING IS FORECAST

Heavy rainfall raises the water level. When the water level is higher than the river banks or dams, water overflows and flooding occurs.

#### Preventive measures

- Construct proper drainage systems. Shallow drains must be cleaned constantly to ensure proper water irrigation and prevent siltation.
- Ensure mechanical land treatment of slopes, i.e. contour ploughing or terracing, to reduce the runoff coefficient and to slow flow downhill.
- Construct small water and sediment holding areas or floodways (i.e. man-made channels to divert floodwater).
- Insure crops/livestock against financial loss due to rain and flood damage.

#### Avoid

- Cutting grass in the rainy season (nutrient depletion) and applying fungicides and pesticides (plants and animals).
- Applying fertiliser (burning of plants). (Nitrogen loss is higher during heavy rain.)
- Dumping fertiliser in one spot. It can cause the roots below the fertiliser to burn and die.
- Irrigation (waterlogging can occur, leading to nutrient depletion).

#### Remember to

- Cover Urea licks to prevent them from becoming toxic.
- Provide shelter for animals (young ones die easily) and move animals to a safe place.
- Leave cultivated areas coarse.

#### Concerns and recommendations

- High moisture content and high temperatures may trigger pests and diseases after rain has fallen.
- Assume that flood water contains sewage and might be harmful for human and livestock consumption.

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### **Warning - when crossing a river after heavy rainfall:**

- Be extra cautious whilst rainy conditions persist.
- Before crossing a river, check if the water level is rising, especially if it continues to rain.
- Note that there could be a storm further upstream and floodwaters could occur at any stage.
- If in doubt rather wait until conditions have improved before attempting to cross.

### **For more information or assistance, contact:**

Jody Wentzel (Pr Techni Eng)  
Sub-programme manager: Disaster Risk Reduction (DRR)  
Sustainable Resource Use and Management (SRUM)  
Western Cape Department of Agriculture

Private Bag X 1, Elsenburg, 7607  
2nd Floor, Main Building, Elsenburg,  
Muldersvlei Road

Telephone: 021 808 7805  
Fax: 021 808 5370  
E-mail: Jody.Wentzel@westerncape.gov.za

### **Disaster Management Centre Western Cape**

(assist with major disasters and link up various stakeholders in the event of a disaster):

#### **Cape Winelands Disaster Management Centre**

Head of Centre: Shaun Minnies  
Tel: 021 888 5847 / 0861 265 263  
Email: Shaun@capewinelands.gov.za  
Email: Disastermanagement@capewinelands.gov.za  
Physical Address: Worcester Fire Station, Breede Valley, 6850

#### **Central Karoo Disaster Management Centre**

Head of the Centre: Neil Oerson  
Tel: 023 414 4467  
Email: nielo@skdm.co.za  
Email: westcoastdm@wcdm.co.za  
Physical Address: N1 North Weighbridge, Beaufort West.

#### **Garden Route Disaster Management Centre**

Head of Centre: Gerhard Otto  
Tel: 044 803 1435  
Email: Gotto@grdm.gov.za  
Email: disastermanagement@gardenroute.gov.za  
Physical Address: 54 York Street, George, 6529

#### **Overberg Disaster Management Centre**

Head of Centre: Reinard Geldenhuys  
Tel: 028 425 1690  
Email: rgeldenhuys@odm.org.za  
Physical Address: 26 Long Street, Bredasdorp, 7300

#### **West Coast Disaster Management Centre**

Head of the Centre: Franquin Pietersen  
Tel: 021 023 3692  
Email: westcoastdm@wcdm.co.za  
Physical Address: 17 Station Street, Moorreesburg.

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**Alternatively, contact your district Sustainable Resource Use and Management (SRUM), Agricultural Producer Support and Development (APSD) or State Veterinary Office:**

### **SUSTAINABLE RESOURCE USE AND MANAGEMENT (SRUM): LandCare District Managers**

#### **West Coast:**

SRUM District Manager: Jan Smit  
Tel: 022 433 2330  
Email: Jan.Smit@westerncape.gov.za  
Physical Address: 42 Long Street,  
Moorreesburg, 7310

#### **Central Karoo:**

SRUM District Manager: Phyllis Pienaar:  
Tel: 023 414 2126 / 083 649 9306  
Email: Phyllis.Pienaar@westerncape.gov.za  
Physical Address: Pieter Jacobs Avenue,  
Beaufort West, 6970

#### **Overberg:**

SRUM District Manager: Grant Jephtas  
Tel: 028 425 4819/ 079 378 0672  
Email: Grant.Jephtas@westerncape.gov.za  
Physical Address: Golf Street, Bredasdorp,  
7300

#### **Cape Winelands:**

SRUM District Manager, Cape Winelands:  
Rudolph Röscher  
Tel: 021-808 7801/ 083 675 1315  
Email: Rudolph.Roscher@westerncape.gov.za  
Physical Address: Veld Reserve, Worcester,  
6849

#### **Garden Route/Eden:**

SRUM District Manager: Hannes Muller  
Tel: 044 803 3720 / 082 908 1113  
Email: Hannes.Muller@westerncape.gov.za  
Physical Address: Airport Road, George, 6529

### **AGRICULTURAL PRODUCER SUPPORT AND DEVELOPMENT (APSD)**

#### **West Coast:**

Rose Horne (Swartland)  
Marius Du Randt (North West Coast)  
027 201 3502/3503/3506/3521

#### **Central Karoo:**

Vianca Erasmus  
023 415 3134 | 021 551 1034 | 023 541 1970 | 049  
844 0365

#### **Overberg:**

Hennis Germishuys  
028 425 4832

#### **Cape Winelands:**

Cobus van Schalkwyk  
021 808 7050 | 023 312 1021 | 023 614 3610 | 021  
873 0241

#### **Garden Route:**

Clyde Lamberts  
044 803 3747/3757 | 044 203 9428/9452

#### **Cape Metropole:**

Ayanda Obose  
021 483 7785 | 021 808 7085/7067

## RAIN AND FLOODING

### VETERINARY SERVICES

**State Veterinarian: George**

044-803-3771/0

Ms Shirelle Strydom (Admin Clerk)

Dr Leana Janse van Rensburg

0837970010

**State Veterinarian: Boland**

021-808-5028/5253

Ms Renee Jack (Admin Clerk)

Dr Vivien Malan

0822289076

**State Veterinarian: Swellendam**

021-808-5059/028-425-4850

Mr Bidwell Gelwana (Admin Clerk)

Dr Christi Kloppers

0836415163

**State Veterinarian: Beaufort West**

023-414-9220/1

Ms Chriszelda Mtwalo (Admin Clerk)

Mr Anton Barnard (Acting)

082 805 9757

**State Veterinarian: Vredendal**

027-201-3514/0

Ms Deidre Daniels (Admin Clerk)

Dr Chanel Lombard

027 201 3510

**State Veterinarian: Malmesbury**

022 482 1380

Ms Samantha Burger (Admin Clerk)

Dr Michael Swart

083 469 2404

**State Veterinarian: Oudtshoorn**

044-203-9443/5

Ms Jeoninse Noni (Admin Clerk)

Dr Cathy Fox

082 699 6043

**State Veterinarian: Worcester**

021-808-5052

Mr Daniel Ryan (Admin Clerk)

Dr Ansulize Pepler

060 962 0118