

**Observer**

Name \_\_\_\_\_

Address \_\_\_\_\_

Contact \_\_\_\_\_

**Location Description** \_\_\_\_\_

**Mapsheets No** \_\_\_\_\_ **Map Name** \_\_\_\_\_

**GPS** Datum (AGD66) (WGS84) (GDA94) (Circle One)

AMG Zone \_\_\_\_\_

AMG Easting \_\_\_\_\_ (6 digits)

AMG Northing \_\_\_\_\_ (7 digits)

**LANDSCAPE** (Tick One only)

- Ridge
- Hillslope
- Flat
- Depression
- Gully/drainage line
- Other (explain) \_\_\_\_\_

**VEGETATION STRUCTURE** (Tick One only)

- Trees over grasses
- Shrubs over grasses
- Trees over shrubs and grasses
- Trees over bare ground
- Shrubs over bare ground
- Other (explain) \_\_\_\_\_

Tree Layer species \_\_\_\_\_

Shrub Layer species \_\_\_\_\_

Ground Layer species \_\_\_\_\_

**REGENERATION OF TREES/SHRUBS**  Yes  No

**AFFECTED VEGETATION**

Species 1 \_\_\_\_\_

Area \_\_\_\_ m X \_\_\_\_ m no. affected \_\_\_\_ % affected \_\_\_\_

Species 2 \_\_\_\_\_

Area \_\_\_\_ m X \_\_\_\_ m no. affected \_\_\_\_ % affected \_\_\_\_

**LAND USE** (Tick One only)

- Grazing on native grasses
- Grazing on improved pasture
- Natural vegetation with grazing
- Natural vegetation without grazing
- Cropping
- Cropping / Pasture rotation
- Roadside
- Revegetated
- Other (explain) \_\_\_\_\_

**PASTURE / FERTILISER USE** (Tick One only)

- None
- Fertiliser used regularly for crop growth
- Fertiliser used regularly on improved pasture
- Unknown
- Other (explain) \_\_\_\_\_

**HERBICIDE USE** (Tick all that apply)

- None
- Regular for crop preparation
- Broadacre for weeds
- Spot spray for proclaimed weeds
- Spot spray for environmental weeds
- Unknown
- Other (explain) \_\_\_\_\_

**PART(S) AFFECTED** (Tick all that apply)

- sp1 sp2
- Whole tree/shrub
  - Single or several branches
  - Branch extremities only
  - Individual tree / shrub
  - Group of trees / shrubs
  - Understorey only affected
  - Overstorey only affected
  - Other (explain) \_\_\_\_\_

**LEAVES** (Tick all that apply)

- sp1 sp2
- Whole leaves yellow/discoloured
  - Whole leaves brown
  - Canopy thinning
  - Skeletonised
  - Eaten around edge
  - Patchy discolouration or blisters
  - Eaten off / falling off
  - Lerps present
  - Galls or pimples on leaves
  - Insects present
  - Not affected
  - Other (explain) \_\_\_\_\_

**TRUNK / STEMS** (Tick all that apply)

- sp1 sp2
- Channels and holes in trunk under bark
  - Caterpillar colonies present
  - Enlarged stems or woody galls
  - Scale or sooty mould on stems
  - New leaf growth (epicormic shoots)
  - Bark removed or rubbed off
  - Mistletoe
  - Witches' broom
  - Evidence of fire
  - Not affected
  - Other (explain) \_\_\_\_\_

**POSSIBLE FACTORS IN TREE / SHRUB HEALTH DECLINE** (Circle all that apply)

Visible and/or Underlying Factors from Diagnostic Chart:



**OFFICE USE ONLY**

Site Number \_\_\_\_\_ (blank for visit 1) Visit No \_\_\_\_\_ Accuracy (GPS 5-50m) (Map 1:50K 50-100m) (Map 1:100K 100-250m)

**Notes on filling out Field Data sheets**

These field data sheets are to be filled out when native vegetation is showing any of the signs or symptoms of ill health described in the Diagnostic Chart or Booklet.

The first part of the data sheet provides a general description of the area and condition of the affected vegetation.

**Observer**

Name, address and contact details of person collecting data.

**Date**

Date of observation

**Mapsheet No & Map Name**

Number and name of 1:50,000 or 1:100,000 topographic map if locating site on map eg. 7029-1, Paringa

**GPS**

Datum, AMG Zone, Easting and Northing read from GPS eg. WGS84, Zone 54, 325687, 6189236

**Location Description**

Describe in words where the site is. eg. 15 km SW of Renmark or 5 km from Barmera on the road to Waikerie.

**LANDSCAPE**

Tick the box that best describes the position of the site in the broader landscape.

**LAND USE**

Tick the box that best describes the land use in the immediate area of the affected vegetation.

**VEGETATION STRUCTURE**

Tick the box that best describes the vegetation structure and any of the dominant species (if known).

**PASTURE / FERTILISER USE**

Tick the box that best describes the pasture improvement and fertiliser application.

**HERBICIDE USE**

Tick the boxes that best describe the use of herbicide in or around the affected vegetation, including any known herbicide use on land immediately adjacent (in other).

**REGENERATION OF TREES / SHRUBS**

If young native vegetation is regenerating, tick "Yes" box. If native vegetation is not regenerating tick "No".

The rest of the data sheet applies to the specific features, signs or symptoms showing on the affected vegetation.

**AFFECTED VEGETATION**

There may be more than one species dying back. Space has been provided here to describe features of 2 species. If more than 2 species are affected, use extra data sheets and append them. There is no need to fill out the general site information again as long as the sheets for each site are fixed together.

**Species**

Botanical name (if known) or common name of affected plant(s) eg. *Eucalyptus camaldulensis* or redgum.

**Area**

Estimate the area covered by the affected vegetation eg. 25 m X 10 m

**No. affected**

Where trees or shrubs affected are few enough to be counted, write the total number affected here.

**% affected**

Estimate percentage of canopy that is dying back on the tree(s) or shrub(s) in the affected vegetation. This helps to give an indication of the severity of the dieback.

**PART(S) AFFECTED**

Tick any of the applicable part or parts showing features or symptoms (can tick more than one).

**LEAVES**

Tick any of the applicable leaf features or symptoms (can tick more than one).

**TRUNK / STEMS**

Tick any of the applicable trunk or stem features or symptoms (can tick more than one).

**POSSIBLE FACTORS**

Mark any of the possible factors that you think may be affecting the vegetation (can mark more than one) after consulting the Booklet and Diagnostic Chart. eg. area may be saline affected, with insect attack and mistletoe – circle A, C and G.