



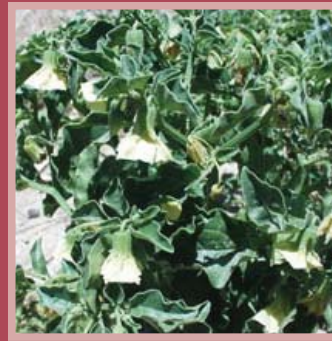
Alligator weed (*Alternanthera philoxeroides*)



Parthenium weed (*Parthenium hysterophorus*)



Horsetail (*Equisetum* spp.)



Prairie ground cherry (*Physalis viscosa/virginiana*)



Noogoora/Californian burr (*Xanthium* spp.)



Silverleaf nightshade (*Solanum elaeagnifolium*)



Green cestrum (*Cestrum parqui*)



Mexican feather grass (*Nassella tenuissima*)



Kochia (*Kochia scoparia*)



Harrisia cactus (*Harrisia* spp.)



Karoo thorn (*Acacia karroo*)



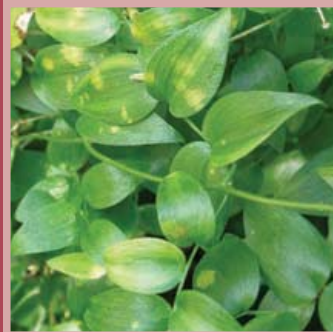
Khaki weed (*Alternanthera pungens*)



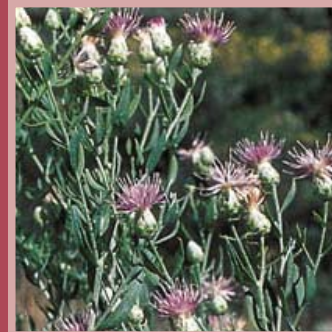
Knapweed (*Centaurea* spp.)



Broomrape (*Orobancha* spp.)



Bridal creeper (*Asparagus asparagoides*)



Hardhead thistle (*Acroptilon repens*)



Bitou bush (*Chrysanthemoides monilifera*)
Boneseed



Spiny burrgrass (*Cenchrus* spp.)

REGIONAL WEED STRATEGY

LOWER MURRAY DARLING CATCHMENT

“a vision to minimise the economic, environmental and social impacts of existing, new and emerging weeds in the Lower Murray Darling Catchment through coordination, cooperation and commitment from weed managers and the community”.

Priority Weeds in Horticultural Areas

...providing action and monitoring guidelines for effective weed management...

...assisting the identification of effective weed control investments...

| Impact of weeds on the Lower Murray Darling Catchment (LMDC) | |
|--|---|
| Invasive plants | Invasive plant species (weeds) have a negative impact on our native flora and fauna. They are second only to land clearing in causing a loss of biodiversity. Weeds cost the Australian economy over \$4 billion per year in lost agricultural production. Early action to prevent new weeds from establishing and spreading is the best way to prevent future impacts and ongoing cost to the community. |
| Noxious weeds | Noxious weeds are plants that are declared under the Noxious Weeds Act 1993. All land holders and occupiers of land are responsible for controlling noxious weeds on their land as specified in each noxious weed Control Class. |
| Control Class 1 (CC1) State Prohibited Weeds | The plant must be eradicated from the land and the land must be kept free of the plant. |
| Control Class 2 (CC2) Regionally Prohibited Weeds | The plant must be eradicated from the land and the land must be kept free of the plant. |
| Control Class 3 (CC3) Regionally Controlled Weeds | The plant must be fully and continuously suppressed and destroyed and where applicable the plant must not be sold, propagated or knowingly distributed. |
| Control Class 4 (CC4) Locally Controlled Weeds | The growth and the spread of the plant must be controlled according to the measures specified in the management plan published by the local control authority and where applicable the plant must not be sold, propagated or knowingly distributed. |
| Control Class 5 (CC5) Restricted Plants | Plants can not be sold, propagated or knowingly distributed. |
| Prioritisation of weeds | Weeds have been prioritised within the LMDC for action so that the available resources can be utilised in the most cost effective manner (see <i>Table opposite</i>). |

| Further information on horticultural weeds in the LMDC | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------------|--------------|--------------------------|--------------|-------------------------------|--------------|-------------------------|--------------|-------------------------|--------------|------------------|--------------|----------------------|--------------|------------------------------|--------------|------------------|--------------|---------------------|--------------|
| Noxious weeds | Visit the NSW Department of Primary Industries (NSW DPI) website: www.dpi.nsw.gov.au/reader/weeds | | | | | | | | | | | | | | | | | | | | |
| Weeds in your local area | For information on weeds and their management, contact: | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <tr> <td>Barranald Shire Council</td> <td>03 5020 1300</td> </tr> <tr> <td>Broken Hill City Council</td> <td>08 8080 2222</td> </tr> <tr> <td>Central Darling Shire Council</td> <td>08 8083 8900</td> </tr> <tr> <td>DNR Unincorporated Area</td> <td>03 5051 6200</td> </tr> <tr> <td>Wentworth Shire Council</td> <td>03 5027 5027</td> </tr> <tr> <td>NSW DPI, Dareton</td> <td>03 5019 8400</td> </tr> <tr> <td>NSW DPI, Broken Hill</td> <td>08 8088 9333</td> </tr> <tr> <td>DEC (NPWS Division), Buronga</td> <td>03 5021 8900</td> </tr> <tr> <td>LMD CMA, Buronga</td> <td>03 5021 9400</td> </tr> <tr> <td>RMAP Inc, Wentworth</td> <td>03 5027 2416</td> </tr> </table> | Barranald Shire Council | 03 5020 1300 | Broken Hill City Council | 08 8080 2222 | Central Darling Shire Council | 08 8083 8900 | DNR Unincorporated Area | 03 5051 6200 | Wentworth Shire Council | 03 5027 5027 | NSW DPI, Dareton | 03 5019 8400 | NSW DPI, Broken Hill | 08 8088 9333 | DEC (NPWS Division), Buronga | 03 5021 8900 | LMD CMA, Buronga | 03 5021 9400 | RMAP Inc, Wentworth | 03 5027 2416 |
| Barranald Shire Council | 03 5020 1300 | | | | | | | | | | | | | | | | | | | | |
| Broken Hill City Council | 08 8080 2222 | | | | | | | | | | | | | | | | | | | | |
| Central Darling Shire Council | 08 8083 8900 | | | | | | | | | | | | | | | | | | | | |
| DNR Unincorporated Area | 03 5051 6200 | | | | | | | | | | | | | | | | | | | | |
| Wentworth Shire Council | 03 5027 5027 | | | | | | | | | | | | | | | | | | | | |
| NSW DPI, Dareton | 03 5019 8400 | | | | | | | | | | | | | | | | | | | | |
| NSW DPI, Broken Hill | 08 8088 9333 | | | | | | | | | | | | | | | | | | | | |
| DEC (NPWS Division), Buronga | 03 5021 8900 | | | | | | | | | | | | | | | | | | | | |
| LMD CMA, Buronga | 03 5021 9400 | | | | | | | | | | | | | | | | | | | | |
| RMAP Inc, Wentworth | 03 5027 2416 | | | | | | | | | | | | | | | | | | | | |
| Regional weed strategy | Copies of the regional weed strategy for the LMDC can be obtained from your local Catchment Management Authority office or downloaded from: www.lmd.cma.nsw.gov.au/nativeveg/weed.shtml | | | | | | | | | | | | | | | | | | | | |

| Priority weeds in horticultural areas of the LMDC | | | | |
|---|--|--------------------|---|--|
| Common name | Scientific name | Control Class (CC) | Weed prioritisation category and LMDC distribution | Recommended management actions for prioritised weeds |
| Alligator weed | <i>Alternanthera philoxeroides</i> | CC2 | Priority A: Weeds not currently present in the LMDC | Contact your local council Weed Officer if you see these weeds. |
| Parthenium weed | <i>Parthenium hysterophorus</i> | CC1 | | |
| Karoo thorn | <i>Acacia karroo</i> | CC1 | | |
| Harrisia cactus | <i>Harrisia</i> spp. | CC4 | | |
| Green cestrum | <i>Cestrum parqui</i> | CC3 | | |
| Horsetail | <i>Equisetum</i> spp. | CC1 | | |
| Columbus grass | <i>Sorghum x almum</i> | CC3/4 | | |
| Kochia | <i>Kochia scoparia</i> | CC1 | | |
| Knapweed (black & spotted) | <i>Centaurea</i> spp. | CC1 | | |
| Hawkweed | <i>Hieracium</i> spp. | CC1 | | |
| Mexican feather grass | <i>Nassella tenuissima</i> | CC1 | | |
| Buffalo burr | <i>Solanum rostratum</i> | * | | |
| Branched broomrape | <i>Orobanche</i> spp. (except native species) | CC1 | | |
| Witchweed | <i>Striga</i> spp. (except native species and <i>Striga parviflora</i>) | CC1 | | |
| Mesquite | <i>Prosopis</i> spp. | CC2 | Priority B: Weeds present with limited distribution in LMDC, several small infestations | These plants have limited distribution in the Catchment and their establishment and spread should be prevented. Contact your council Weed Officer if you think you have these weeds. |
| Parkinsonia | <i>Parkinsonia aculeata</i> | CC2 | | |
| Yellow burrhead | <i>Limnocharis flava</i> | CC1 | | |
| Prickly acacia | <i>Acacia nilotica</i> | CC1 | | |
| Prairie Ground Cherry | <i>Physalis viscosa/virginiana</i> | CC4 | | |
| Bitou bush/boneseed | <i>Chrysanthemoides monilifera</i> | * | | |
| Silverleaf nightshade | <i>Solanum elaeagnifolium</i> | * | | |
| Hardhead thistle | <i>Acroptilon repens</i> | CC4 | | |
| Noogoora/Californian burr | <i>Xanthium</i> spp. | CC4 | | |
| Rhus tree | <i>Toxicodendron succedaneum</i> | CC4 | | |
| Bridal creeper | <i>Asparagus asparagoides</i> | CC5 | Priority C: Weeds present with moderate distribution in LMDC, numerous to large partially dispersed infestations | Use good hygiene and best land management practices to prevent the further spread and establishment of these weeds. |
| Spiny burrgrass | <i>Cenchrus</i> spp. | CC4 | | |
| Johnson grass | <i>Sorghum halepense</i> | CC3/4 | | |
| Golden dodder | <i>Cuscuta campestris</i> | CC5 | | |
| Statice | <i>Limonium thouinii</i> | * | | |
| Morning glory | <i>Ipomoea</i> spp. | * | | |
| Crows foot grass | <i>Eleusine indica</i> | * | | |
| Khaki weed | <i>Alternanthera pungens</i> | CC4 | Priority D: Weeds widespread throughout the region | Use good hygiene and best land management practices to prevent the further spread and establishment of these weeds. |
| Bathurst burr | <i>Xanthium</i> spp. | CC4 | | |
| Spiny emex | <i>Emex australis</i> | * | | |
| Cathead/caltrop/3 corner jack | <i>Tribulus terrestris</i> | * | | |
| Olives - feral | <i>Olea europaea</i> spp. | * | | |
| Paddy melon | <i>Cucumis myriocarpus</i> | * | | |
| Feathertop rhodes grass | <i>Chloris virgata</i> | * | | |
| Blackberry nightshade | <i>Solanum nigrum</i> | * | | |
| Salsify | <i>Tragopogon porrifolius</i> | * | | |

* not declared noxious