

INCA BioShield™ plant guide

USA (California)

INCA BioShield™ is a concept for biologically enhanced protection zones that combines carefully selected, low-growing, climate-adapted vegetation with INCA WFS net®.

INCA BioShield™ does not rely on a single plant species. Each installation is designed with vegetation selected for local climate, rainfall, temperature, soil conditions, environmental regulations and ecological requirements.

INCA BioShield™ manages the vegetation. INCA WFS net® protects against the fire.

Species in this guide

Chalk dudleya	<i>Dudleya pulverulenta</i>
Broadleaf stonecrop	<i>Sedum spathulifolium</i>
Hardy ice plant	<i>Delosperma cooperi</i>
Creeping sage	<i>Salvia sonomensis</i>
Silver carpet aster	<i>Corethrogyne filaginifolia</i> 'Silver Carpet'

No vegetation should be considered fireproof.

Plant selection should always be made together with local experts, to ensure ecological compatibility, avoid invasive species and protect biodiversity.

Plant performance always depends on species selection, climate, maintenance, drought conditions and local environmental factors.



Chalk dudleya

Dudleya pulverulenta · Rosette-forming succulent

Use nursery-propagated plants

Status	Native to California
Height	Rosette about 30 cm, flower stems 60–75 cm
Conditions	Sun to part shade; well-drained rocky soil



Broadleaf stonecrop

Sedum spathulifolium · Mat-forming succulent

Status	Native to California
Height	About 15 cm
Conditions	Part sun to part shade; sandy, fast-draining soil



Hardy ice plant

Delosperma cooperi · Mat-forming succulent

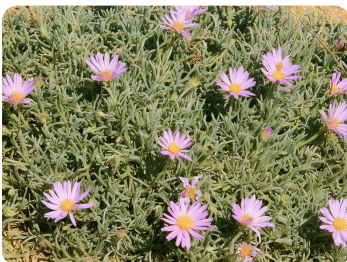
Status	Introduced; native to South Africa and Lesotho
Height	Up to 10 cm
Conditions	Full sun; well-drained sand



Creeping sage

Salvia sonomensis · Low creeping evergreen perennial

Status	Native to California
Height	About 30 cm
Conditions	Full sun to part shade; well-drained soil



Silver carpet aster

Corethrogyne filaginifolia 'Silver Carpet' · Prostrate ground cover

Status	Cultivar of a species native to California
Height	About 15 cm
Conditions	Full sun to part shade; rocky, well-drained soil

Sources

Status	Calflora Theodore Payne Foundation
Height and conditions	Theodore Payne Foundation Royal Horticultural Society UC Master Gardeners, Sonoma County
Nursery-propagated	California Native Plant Society, Assembly Bill 223 (2021)