# **Department of Planning and Environment**

In partnership with SAVING OUR SPECIES NSW National Parks and Wildlife Service

# Orange hawkweed season snapshot 2022–23

NSW hawkweed eradication program

## On track towards eradication



Volunteers contributed 1,479 survey hours over 4 weeks.



**33** volunteers assisted with orange hawkweed surveys.



Teams found and treated **0.6 ha** of orange hawkweed this season.

**29,654 ha** surveyed across Kosciuszko National Park and the Monaro.



NSW Hawkweed Volunteers and partners shared **65 social media posts**.



Local land managers trained in hawkweed identification at **3 field days**.



NPWS staff, volunteers and ACT Parks staff completed **12 days** of helicopter-assisted remote area surveys.

# New technologies accelerating eradication



Drones surveyed over **250 ha per day** during peak flowering in December and January searching 29,287 ha, a **200% increase** on the 2021–22 season.



Weed eradication detection dogs confirmed **24 sites** free of orange hawkweed.



Lower resolution imagery is being used to detect large flowering patches of orange hawkweed with **new detection algorithms**.



**4 new sites** were found through the drone surveys.

### Supported by:

NSW Department of Primary Industries South-East Local Land Services Murray Local Land Services Riverina Local Land Services Snowy Monaro Regional Council Snowy Valleys Council NSW Environmental Trust

Photos: Orange hawkweed flower (E. Sakker), Hawkweed detector dog (Hillary Cherry). Environment and Heritage, Department of Planning and Environment, Locked Bag 5022, Parramatta NSW 2124. Phone: 1300 361 967 (environment and national parks enquiries); Email: <u>info@environment.nsw.gov.au</u>; Website: <u>www.environment.nsw.gov.au</u>. ISBN 978-1-923076-92-1 | EHG 2023/0307 September 2023

