



Department of  
Primary Industries and  
Regional Development

Protect  
Grow  
Innovate

# Weeds - after a dry year

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# Weed populations

Shorter season

Less seed, less seed dormancy, less vigor

Water repellence – staggered germination

Seeds may have shed before harvest – Harvest Weed

Seed Control?



# Residual herbicides

Herbicide breakdown relies on microbes and moisture

**Short growing season + Dry summer = Risk of carryover**

IMI's (2,B) (acidic soils), SU's (2,B) and triazines (5,C) (alkaline soils) most common

Maybe also diflufenican (12,F), clopyralid (4,I), fomesafen (14,G), pyroxasulfone (15,J,K), bixlozone (13,Q)

**Check plant back periods**

**Summer weed management**





# Carry over - what can you do?

Plan to plant crops tolerant to the suspected residue

Conduct a bioassay – pot test

Use a sensitive species **and** the intended crop species

Residue can be patchy

DPIRD website

<https://www.agric.wa.gov.au/grains-research-development/residual-herbicides-carryover-and-behaviour-dry-conditions>

GRDC website

