

Weeds - after a dry year

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Weed populations

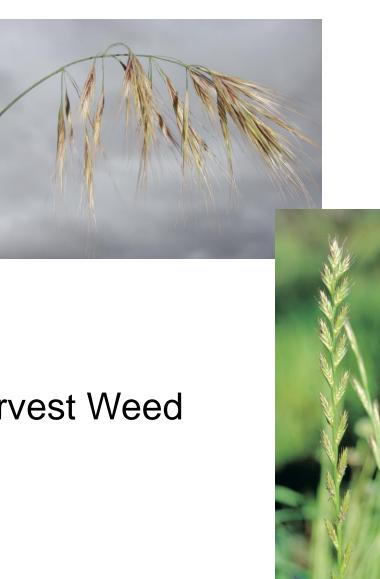
Shorter season

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

