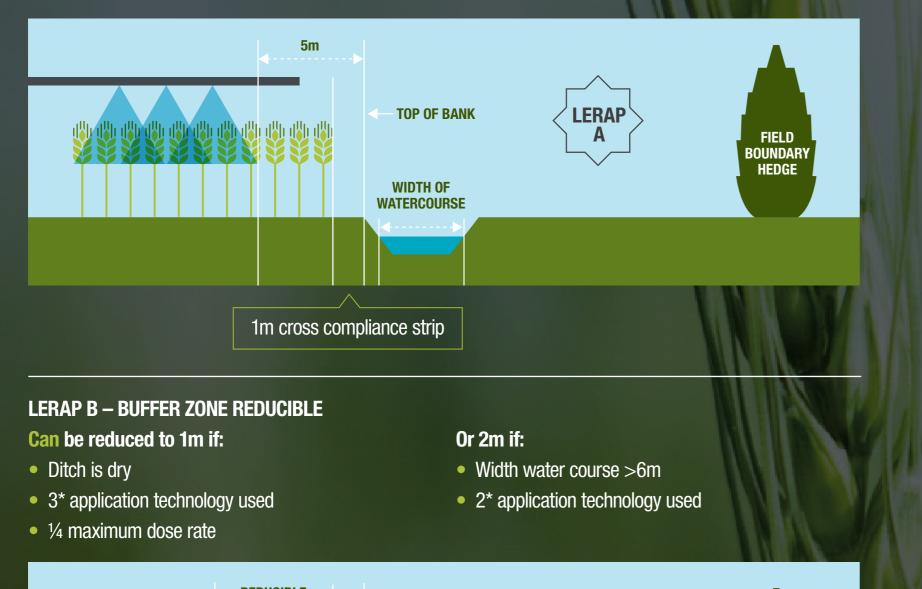
# **KNOW YOUR BUFFER ZONES**

## LERAP A + B

• Local Environment Risk Assessment for Pesticides - Designed to protect aquatic life

- Statutory requirement at application by operator - Record sheet must be kept for 3 years

LERAP A – BUFFER ZONE 5M NON-REDUCIBLE **Cannot** be reduced, reduction to 1m is possible if ditch is dry



## **INTERIM SCHEME (AQUATIC)**

• Designed to protect aquatic life

• Dependent on crop types

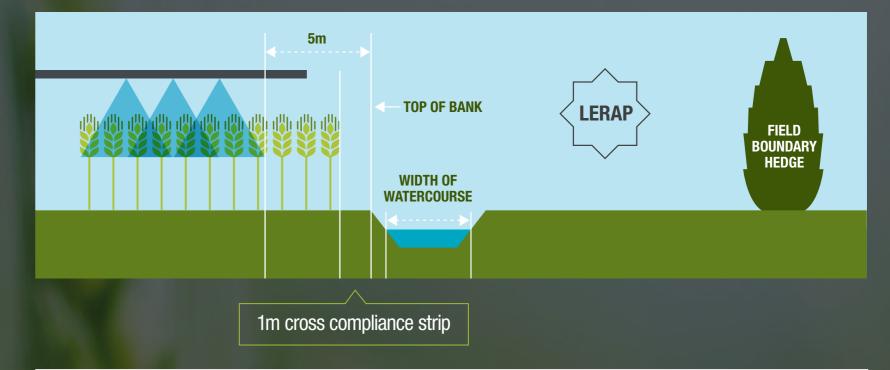
#### INTERIM SCHEME (AQUATIC BUFFER) $\leq$ 5M ON PRODUCT LABEL – REDUCIBLE BUFFER ZONE

**Can** be reduced to 1m by carrying out a LERAP if: Or 2m if:

6-20m

- Ditch is dry
- Width water course >6m
- 3\* application technology used

- 2\* application technology used
- <sup>1</sup>/<sub>4</sub> maximum dose rate



INTERIM SCHEME (AQUATIC BUFFER) 6-20M ON PRODUCT LABEL – NON-REDUCIBLE BUFFER ZONE **Cannot** be reduced – distance can vary depending on crop



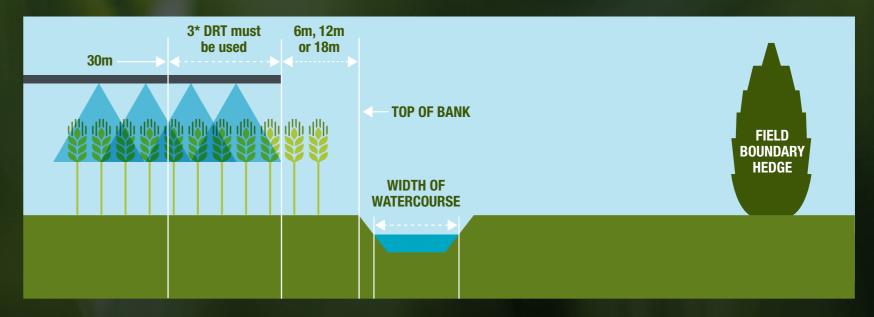
## **ARTHROPOD**

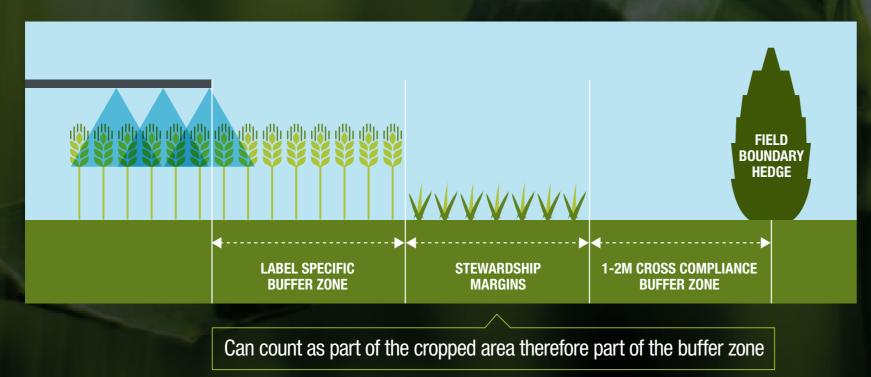
- Designed to protect arthropods and non-target insects
- Applies to all field boundaries
- Label-specific and non-reducible
- Some boundaries must be adhered to (statutory), others are advisory (non-statutory)
- Statutory product is deemed a 'high risk' to non-target insects – buffer zone must be implemented:
- Key words on label include 'respect' and 'DO NOT'
- Advisory recommends the use of a buffer zone to protect non-target insects:
- Key words on label include 'avoid' and 'precautions'
- Buffer zone is defined as the field boundary or the edge of the non-cropped land (land taken out of permanent production (5 years or more) check label
- Buffer zone can vary depending on crop type

## **DRIFT REDUCTION TECHNOLOGY SCHEME**

- Allows the use of Drift Reducing Technology (DRT). Allows use of products that would otherwise be unregisterable because of their aquatic toxicity that may have been banned due to water issues
- Irrespective of watercourse width/size
- DRT buffer stipulated on label of either 6m, 12m or 18m – non-reducible
- Secondary buffer zone of 30m reducible using 3 star Drift Reduction Technology
- No dry ditch caveat

6m, 12m or 18m cannot be reduced, up to 30m – 3\* Drift Reduction Technology, distance can vary depending on crop.





### **LERAP APPROVED SYNGENTA NOZZLES**

Maximum efficacy combined with optimum drift reduction ensuring delivery of product to the target.

Note: Approved LERAP rating at 0.5m boom height, varying pressure dependent upon size and nozzle orientation.





**POTATO NOZZLES** 05 - 3\* LERAP approved 04 - 2\* LERAP approved

