

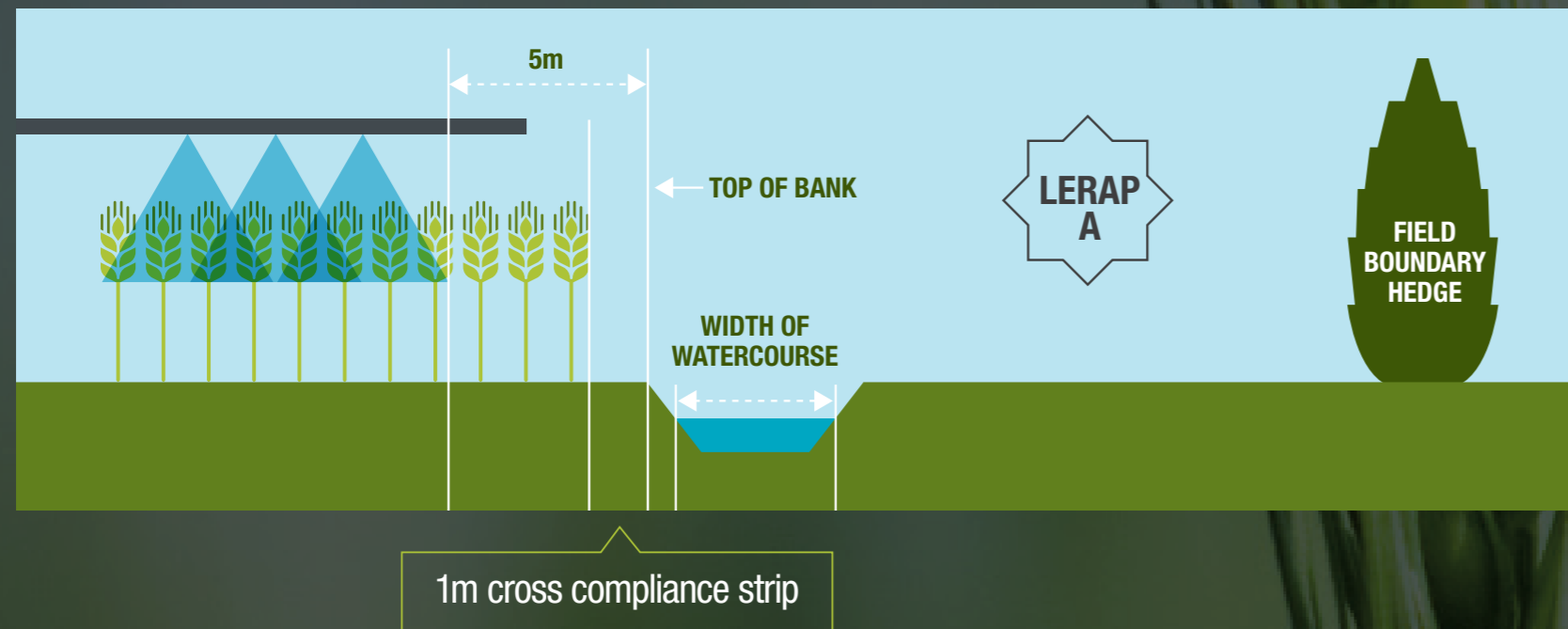
KNOW YOUR BUFFER ZONES

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



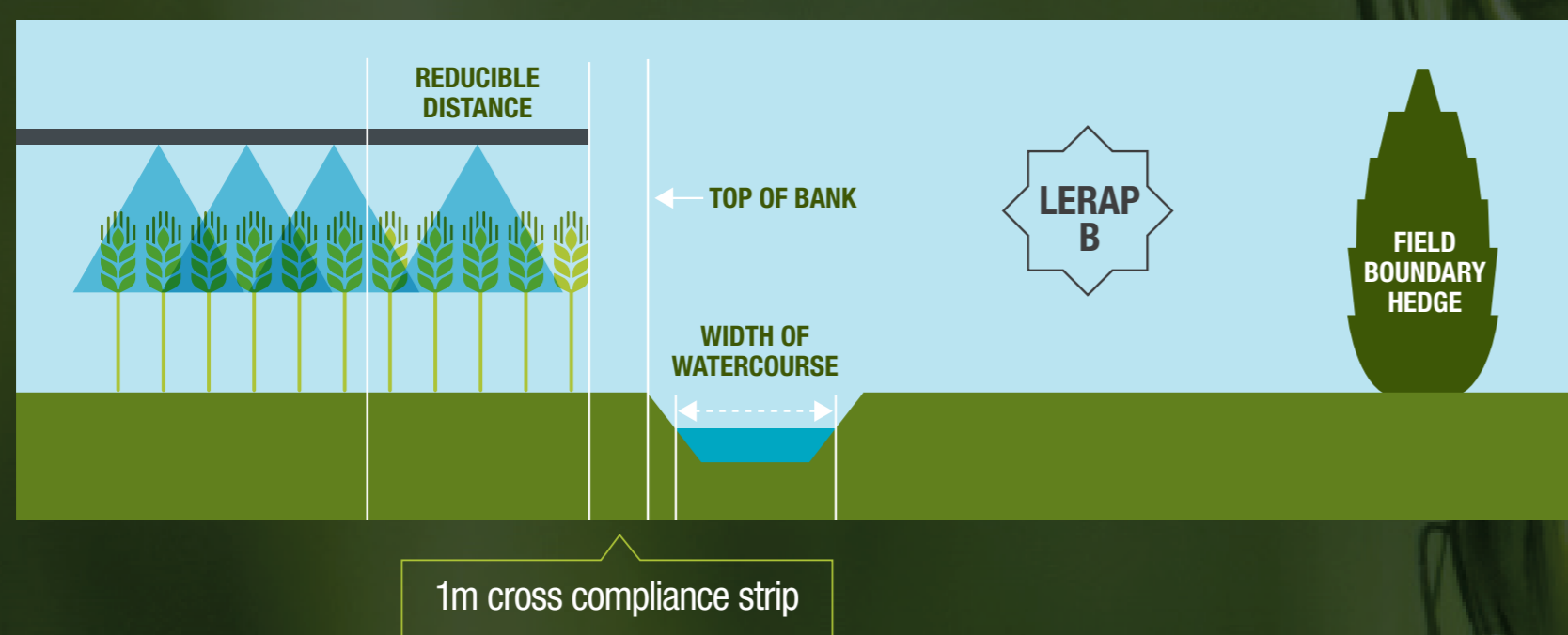
LERAP B – BUFFER ZONE REDUCIBLE

Can be reduced to 1m if:

- Ditch is dry
- 3* application technology used
- ¼ maximum dose rate

Or 2m if:

- Width water course >6m
- 2* application technology used



INTERIM SCHEME (AQUATIC)

- Designed to protect aquatic life
- Dependent on crop types

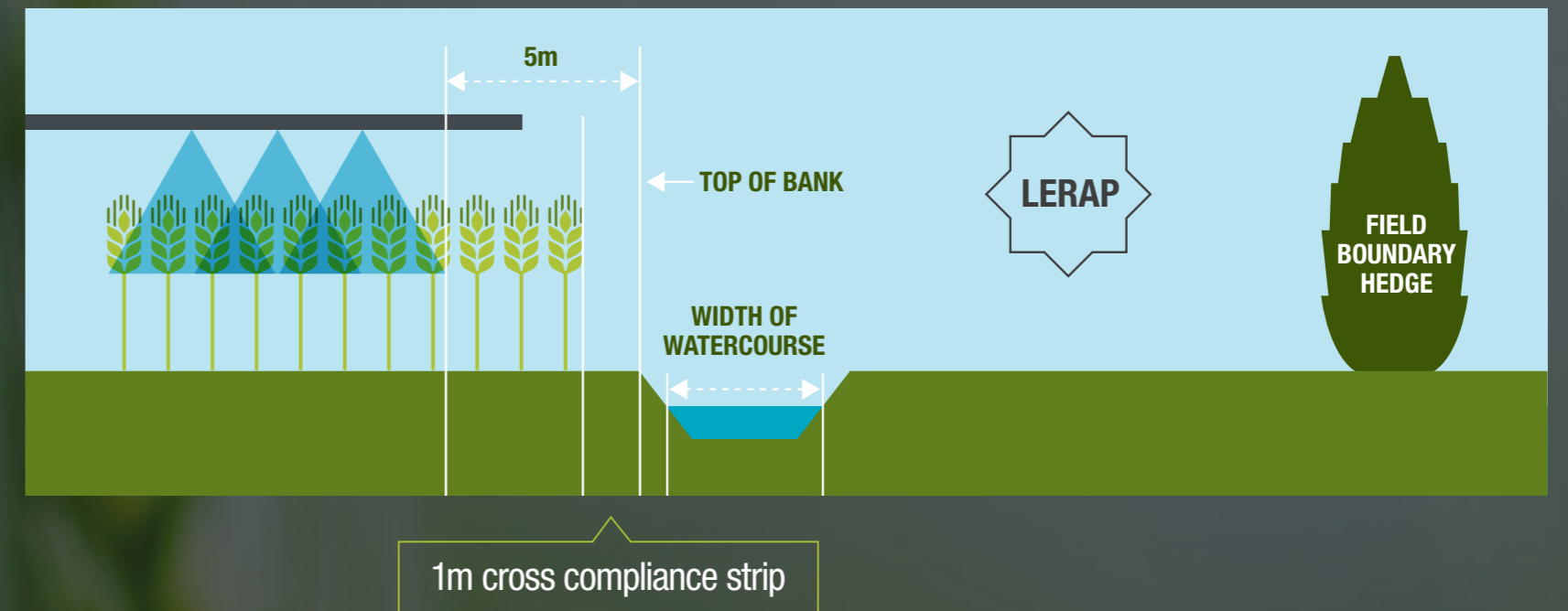
INTERIM SCHEME (AQUATIC BUFFER) ≤ 5M ON PRODUCT LABEL – REDUCIBLE BUFFER ZONE

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

- Ditch is dry
- 3* application technology used
- ¼ maximum dose rate

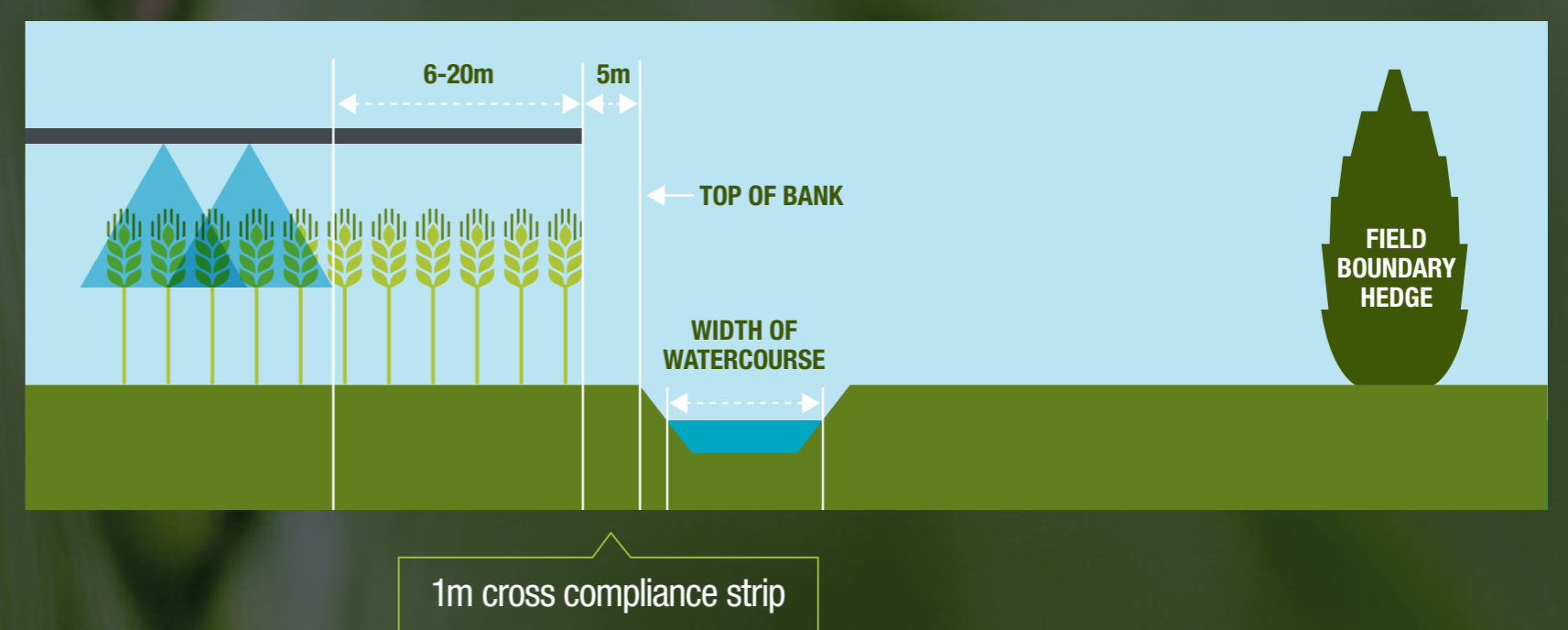
Or 2m if:

- Width water course >6m
- 2* application technology used



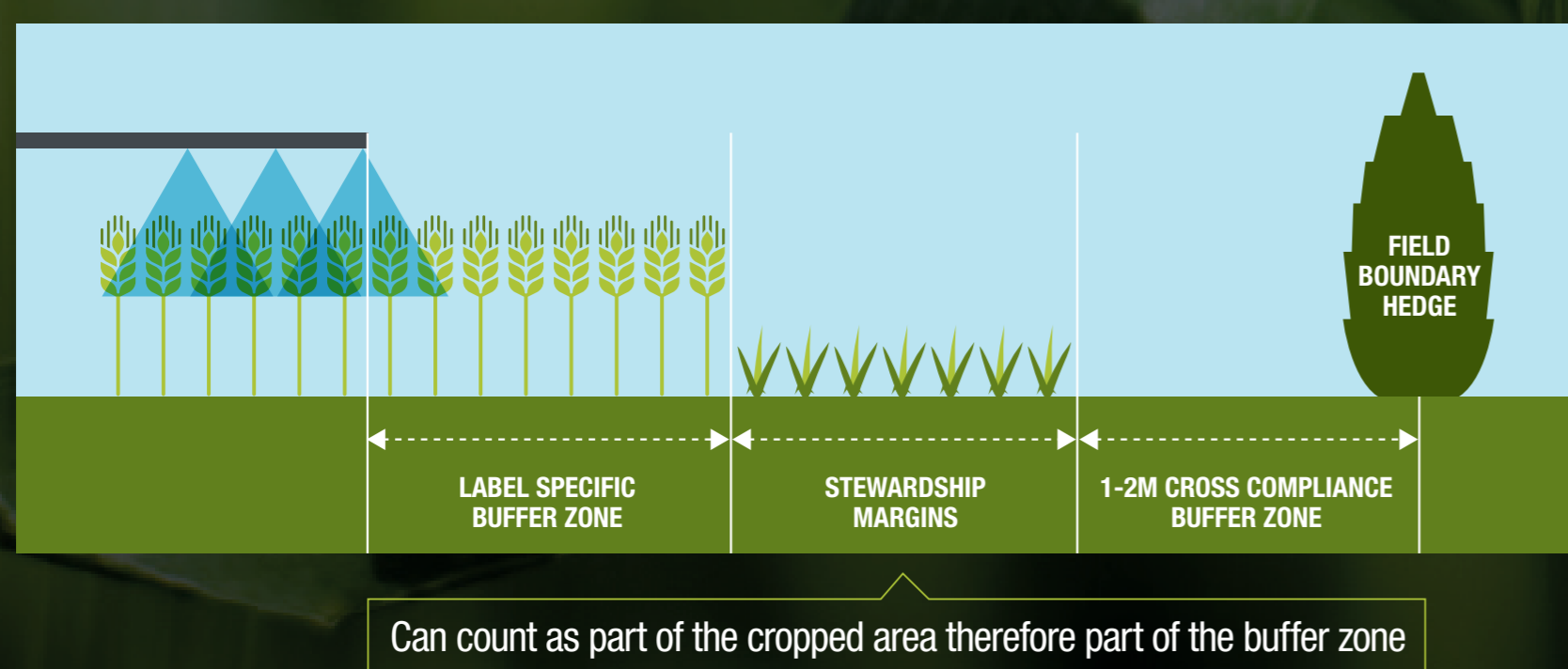
INTERIM SCHEME (AQUATIC BUFFER) 6-20M ON PRODUCT LABEL – NON-REDUCIBLE BUFFER ZONE

Cannot be reduced – distance can vary depending on crop



ARTHROPOD

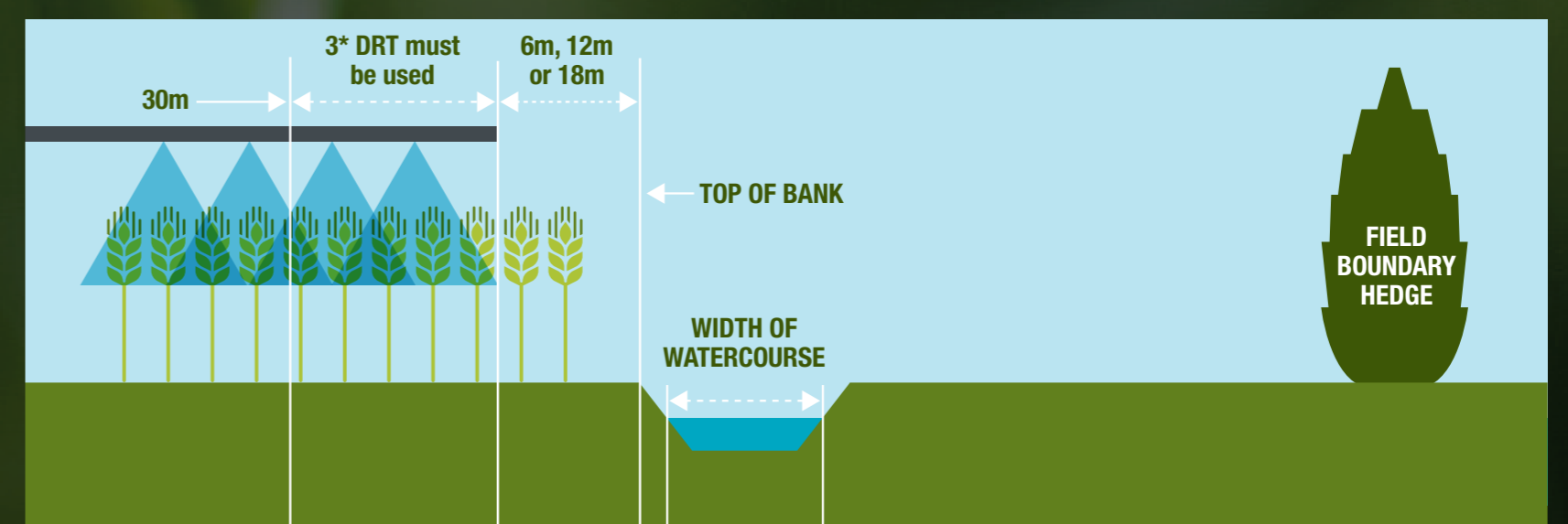
- Designed to protect arthropods and non-target insects
- Applies to all field boundaries
- Label-specific and non-reducible
- Some boundaries must be adhered to (statutory), others are advisory (non-statutory)
 - Statutory - product is deemed a 'high risk' to non-target insects – buffer zone must be 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 unregistrable 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.

DEFY 3D NOZZLES



04 and 05 - 3* LERAP approved
03 and 035 - 2* LERAP approved

AMISTAR NOZZLES



015 to 05 - 3* LERAP approved

POTATO NOZZLES



05 - 3* LERAP approved
04 - 2* LERAP approved