

# SPRAY APPLICATION AND BUFFER ZONES

NSW SPRAY DRIFT MANAGEMENT TOOL PILOT PERMIT

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**GRDC**

GRAINS RESEARCH  
& DEVELOPMENT  
CORPORATION



**GPA**

Grain Producers Australia

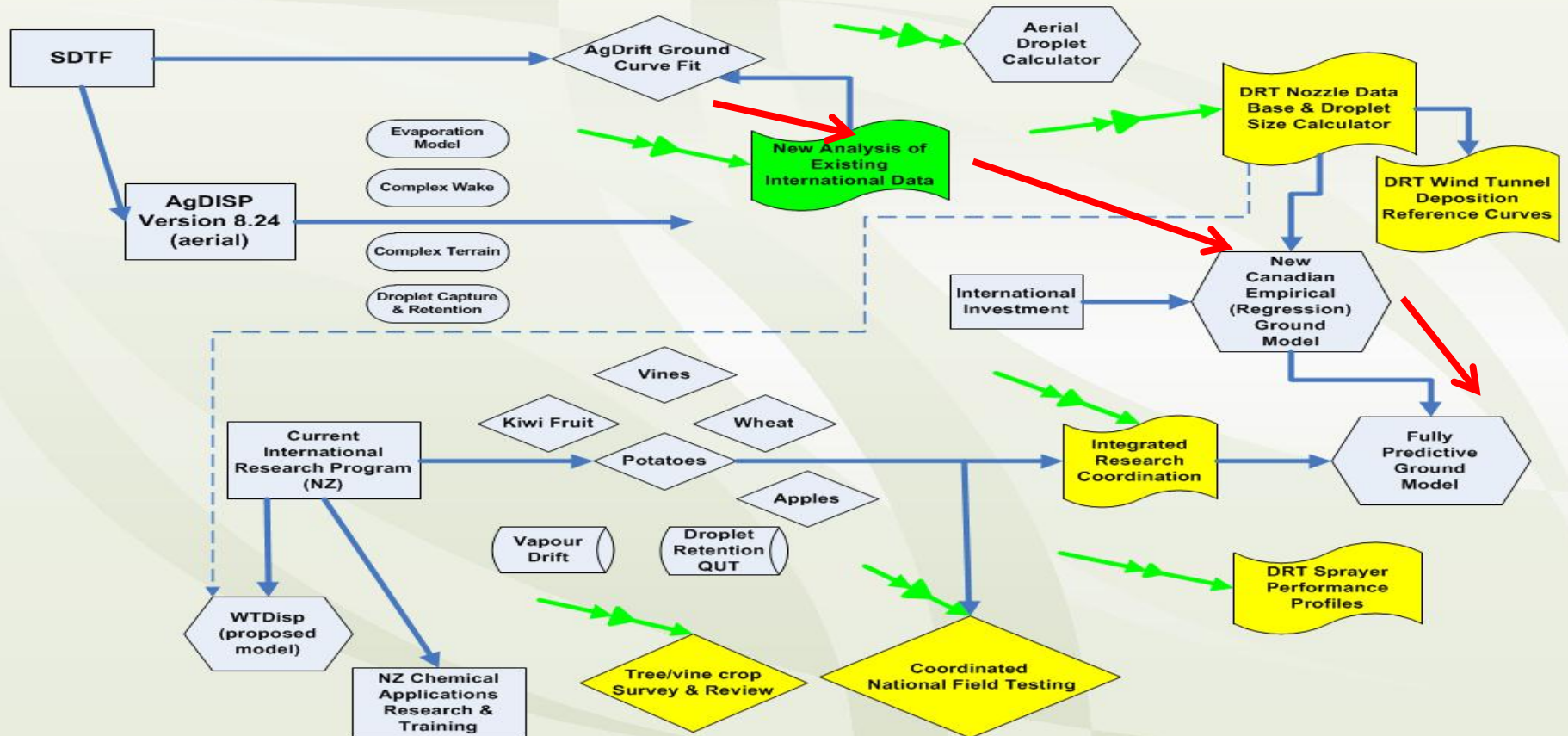
# APVMA SPRAY DRIFT REVIEW

## Background on the evolution of the Spray Drift Management Tool (SDMT)

- The Australian Pesticides and Veterinary Medicines Authority (APVMA) implemented new policy on 1 March 2010 that required new pesticides to be assessed for the potential risk of spray drift
- New label instructions contained statements that describe mandatory no-spray zones (buffer zones) in the downwind direction at the time of spray application
- Labels of registered pesticides (2,4-D) were reviewed to include comprehensive instructions for managing spray drift
- In March 2010, a broad-based industry technical working party, the National Working Party on Pesticide Applications (NWPPA) was established to consider the potential outcomes of policy changes and spray drift reviews being undertaken by the APVMA
- The SDMT presented today results from considerable research effort, GRDC investment and input of the NWPPA



# NWPPA Mapping of Research Programs



# GPA - SDMT APVMA PERMIT

## Background on the evolution of the Spray Drift Management Tool (SDMT)

- APVMA implemented stage 1 of the Spray Drift review on the 19 July 2019 without Stage 2
- GPA raised concerns around the lack of implementation of Stage 2 – Introduction of Spray Drift Management Tools for producers to reduce legislated buffer zones
- GPA were invited on 13 August 2019 to a meeting with the jurisdictional spray drift working group of state and federal representatives
- There was agreement that the states will now support the proposed APVMA Stage 2 spray drift review outcome implementation
- This APVMA pilot permit which will be held by GPA for NSW with the support of NSW EPA is the next step for implementation

# GPA - SDMT APVMA PERMIT

## Background on the evolution of the Spray Drift Management Tool (SDMT)

- The purpose of the proposed spray drift management approach:
  - Enable more reasonable buffer zones to be set
  - Provide clearer label instructions and increased flexibility
  - Support the use of drift reducing technologies (DRT)
- Spray Drift Management Tool (SDMT) permit has been developed by the APVMA
- SDMT enables producers to calculate practical and appropriate buffer zones
- Data which underpins the SDMT comes from GRDC funded research led by Dr Andrew Hewitt and Chris O'Donnell University of Queensland (UQ00060, UQ00072)
- The SDMT has been reviewed and supported by the National Working Party for Pesticide Applications (NWPPA)

# GPA - SDMT APVMA PERMIT

## Spray Drift Management Tool (SDMT) – NSW pilot permit

- Grain Producers Australia (GPA) in support of the grains industry has agreed to hold the APVMA permit for a **NSW only** pilot permit
- The permit is supported by registrants listed on the permit
- SDMT pilot permit application assessment currently being finalised by APVMA
- GPA will issue the permit SDMT and associated materials on written email request only
- The Excel SDMT, training video, written user guidelines, plus a PDF of the APVMA permit will be supplied directly to permit users/producers
- To access the permit and SDMT when finalised, register at [www.grainproducers.com.au](http://www.grainproducers.com.au)

# SDMT PILOT PERMIT PRODUCTS

The following products are supported by registrants on the GPA permit

**Nufarm** – THISTROL GOLD SELECTIVE HERBICIDE - MCPB/MCPA/FLUMESULAM

**FMC** - ALTACOR INSECTICIDE - CHLORANTRANILIPROLE

## **Corteva**

- AGIXA RINSKOR ACTIVE HERBICIDE - FLORPYRAUXIFEN BENZYL/CYHALOFOP-BUTYL
- REXADE ARYLEX ACTIVE HERBICIDE CLOQUINTOCET ACID/HALAUXIFEN-METHYL /PYROXSULAM
- PARADIGM ARYLEX ACTIVE HERBICIDE - HALAUXIFEN-METHYL/FLORASULAM
- PIXXARO ARYLEX ACTIVE HERBICIDE - CLOQUINTOCET-MEXYL/HALAUXIFEN-METHYL/FLUROXYPYR
- TREZAC ARYLEX ACTIVE HERBICIDE – AMINOPYRALID/HALAUXIFEN-METHYL

**Syngenta** - CALLISTO HERBICIDE – MESOTRIONE

## **BASF**

- SHARPEN HERBICIDE – SAFLUFENACIL
- FREQUENCY HERBICIDE - CLOQUINTOCET-MEXYL /TOPRAMEZONE
- VORAXOR HERBICIDE – SAFLUFENACIL/TRIFLUDIMOXAZIN

**Sipcam** - CONDOR HERBICIDE - MCPA/PYRAFLUFEN-ETHYL

**Bayer** - SAKURA FLOW HERBICIDE - PYROXASULFONE

# SDMT PILOT PERMIT PRODUCTS

The following products are supported by registrants on the GPA permit

## **2,4-D PRESENT AS THE 2-ETHYLHEXYL ESTER**

- NUFARM , ADAMA , SIPCAM , GENFARM, TITAN , RELYON, APPARENT

## **2,4-D PRESENT AS THE DIMETHYL AMINE SALT**

- GENFARM, ASSENSI, KENSO, ADAMA

## **2,4-D PRESENT AS THE DIMETHYLAMINE AND DIETHANOLAMINE SALTS**

– RELYON, GENFARM, ACCENSI, APPARENT

## **2,4-D PRESENT AS ISOPROPYLAMINE AND DIMETHYLAMINE SALTS**

– RELYON, GENFARM, ADAMA

## **2,4-D PRESENT AS THE DIMETHYL AMINE AND MONOMETHYLAMINE SALTS**

- NUFARM



# GPA - SDMT APVMA PERMIT

## Spray Drift Management Tool (SDMT) – NSW pilot permit

- GPA will also have responsibilities to provide any adverse event feedback based on permit user advice to the APVMA which we will also share with the relevant registrant
- GPA will conduct a confidential survey of producers on the effectiveness of the SDMT in a summary report to the National Working Party for Pesticide Applications (NWPPA)
- If the Pilot permit for NSW proves successful, GPA in 2022 will seek to extend this to a national multi-year APVMA permit in consultation with registrants
- There is a longer term need to eventually incorporate the SDMT into pesticide labels



# Thank You

For further information, please contact  
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