

# GUIDANCE ON THE USE OF ACEPHATE AND METHAMIDOPHOS INSECTICIDES ON VEGETABLE CROPS

Acephate and methamidophos (organophosphates) are insecticides that are not allowed to be used off-label on vegetable crops. This is a legal requirement and these restrictions have been in force from 2015. This poster is provided as a guide to vegetable growers to ensure legal use of these agrichemicals.

## Recommendations:

- Always read the label and strictly follow directions.
- Be aware that older product may not have the current label. Consult your supplier or go to New Zealand Food Safety link: <https://eatsafe.nzfsa.govt.nz/web/public/acvm-register>.
- The Sector Groups recommend growers to use acephate and methamidophos products that have a date of manufacture of 2016 or later.
- The Sector Groups recommend growers to not use any acephate and methamidophos products that are older than 2016 – properly dispose of this product.

## ACEPHATE

OFF-LABEL USE IS AN OFFENSE FOR THESE PRODUCTS

TRADE NAMES: Lancer 750DF and Orthene WSG

### PERMITTED USES:



**CABBAGE**  
WHP: 7 days  
MRL: 2mg/kg



**CAULIFLOWER**  
WHP: 7 days  
MRL: 2mg/kg



**LETTUCE**  
WHP: 14 days  
MRL: 2mg/kg



**OUTDOOR TOMATO**  
WHP: 14 days  
MRL: 1mg/kg

WHP: Withholding Period | MRL: Maximum Residue Limit

### IMPORTANT:

Use of this product on any crop other than those listed above is strictly prohibited. Use on any leafy vegetables other than lettuces, such as baby leaf or endive is NOT allowed.



**BABY LEAF COS LETTUCE**



**ENDIVE**



**CHARD**

## ACEPHATE & METHAMIDOPHOS

See label directions for maximum application rate and frequencies for the target crop. For suggestions on what crop protection products you can use instead of these products – please refer to your Novachem manual or ask your local crop advisor.

### USE ON FRUITING VEGETABLES:

These products must not be used on any fruiting vegetable other than outdoor tomatoes. Use on other fruiting vegetables such as capsicum is not allowed.



**OUTDOOR TOMATOES**



**INDOOR TOMATOES**



**CAPSICUM**

**EXAMPLES OF LEAFY VEGETABLES THAT ACEPHATE AND METHAMIDOPHOS CANNOT BE USED ON INCLUDE:** baby/mesclun salad leaf, mizuna, tatsoi, beet, brassica leafy vegetables, chard, chicory, Chinese cabbage, endive, herbs, kale, lambs lettuce, pak-choi, rocket, salad leaves, silverbeet, spinach, watercress. Use on fruiting vegetables other than outdoor tomatoes is not allowed.



**BABY LEAF COS LETTUCE**



**MESCLUN**



**MIZUNA**



**TATSOI**



**BEET**



**CHARD**



**CHICORY**



**CHINESE CABBAGE**



**ENDIVE**



**KALE**



**LAMBS LETTUCE**



**PAK CHOI**



**ROCKET**



**SALAD LEAVES**



**SILVERBEET**



**SPINACH**



**WATERCRESS**

### IMPORTANT NOTES:

Methamidophos is a breakdown product of acephate, and residues can occur following the use of acephate. To ensure compliance with MRLs, **avoid the use of acephate and methamidophos in the same season on the same crops.** Methamidophos will be phased out by 1<sup>st</sup> July 2023 and it will be an offense to use this product on any crop after this date. If in doubt – contact your Product Group Manager or HortNZ (04 472 3795) who will direct you to the correct person.



**New Zealand Food Safety**  
Ministry for Primary Industries  
Manatū Ahu Matua