

# IMPORTANT INFORMATION FOR USE ONLY AS A PROFESSIONAL ADJUVANT

| Crops /situations:   | Plant protection product:   | Maximum concentration (% spray solution): | Maximum number of treatments:  | Latest time of application   |
|--|---|---|--|--|
| All non-edible crops   | All authorised plant protection products  | 0.75                                      | Follow the statutory conditions of use of the plant protection product | Follow the statutory conditions of use of the plant protection product |
| All non-edible crops (stubble), all edible crops (stubble)   |   |   |  |  |
| Non crop production  |   |   |  |  |
| All edible crops   | All authorised plant protection products, at half or less than half the authorised plant protection product rate                  | 0.75                                      | 2 per crop.  | 14 days before harvest.  |
| All edible crops (stubble), grassland (destruction), cereals | All authorised herbicides   |   |  |  |
| Potato   | All authorised formulations of the PPPs 'Gozaï', 'Abis' or 'Kabuki' in tank mix with all authorised formulations of 'Ranman Top'. |   |  |  |

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

## DIRECTIONS FOR USE

**IMPORTANT:** This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

Toil is a 95% methylated rapeseed adjuvant oil formulated with unique, highly effective emulsifiers, which allow complete and thorough mixing in the spray solution. It has been specially designed for use as an adjuvant oil in arable crops where the addition of an adjuvant oil is recommended on the pesticide label and is an ideal replacement for both mineral and vegetable-based oil adjuvants.

## Restrictions or Warnings

Certain restrictions apply; these are detailed under 'Crop specific information'

Please consult Nichino Europe Co., Ltd. or its agents for further details, a full list of approved crops and for specific recommendations.

## Rates of use

Use Toil at a rate of 0.5% of the total spray volume. The rate should not however be reduced below 0.75 l/ha for low volume applications. For example:

| Spray volume | Rate of use | Adjuvant / l |
|--------------|-------------|--------------|
| 200 L/ha     | 300 ml      | 5 ml         |

## Crop Specific Information

### In winter and spring cereals:

- For use with all approved pesticides and tank mixtures containing such products applied at full or reduced rate and approved timings.

### In sugar beet:

- For use with all approved herbicides applied at full or reduced rate and including six fully expanded leaves (EPPD code 23), and at half the approved rate thereafter.

### In Potatoes:

- For use with all approved pesticides applied at full rate up to and including tuber initiation, and with all approved pesticides applied at half the approved rate thereafter.
- Use with 'Gozaï' (MAPP 21219) or 'Abis' (MAPP 2118) or 'Kabuki' (MAPP 21191) in tank mix with 'Ranman Top' (MAPP 20353 for Germany, MAPP 20354 for NI) for use as a convenience tank-mix for desiccation.



## In Other Crops:

In addition, this adjuvant may be used at a maximum concentration of 0.75 % spray solution on a number of crops including those listed below, up to the growth stages specified, with all authorised plant protection products applied up to their full authorised rate. For a full list of approved crops please see – [www.nichino.uk](http://www.nichino.uk)

| Crop / Crop Group   | Growth Stage Limit  |
|---|---|
| Apple, Pear   | Up to and including fruit 5–10 mm   |
| Table Grapes, Wine Grapes   | Up to and including first fruit set   |
| Strawberry, Blackberry  | Up to and including first fruit development   |
| Raspberry   | Up to and including first fruit set   |
| Blackcurrant, Redcurrant  | Up to and including first visible green fruit set   |
| Potato  | Up to and including tuber initiation  |
| Carrot, Parsnip, Turnip, Swede  | Up to and including 9 true leaves unfolded  |
| Sugar Beet, Red Beet, Fodder Beet, Mangel   | Up to and including 6 fully expanded leaves (excluding salad leaf beetroot)   |
| Garlic, Bulb Onion, Shallot, Salad Onion, Leek                                    | Up to and including 9 leaves clearly visible  |
| Tomato  | Up to and including first fruit set on first truss  |
| Broccoli, Calabrese   | Up to and including heads begin to form (tip $\leq 1 \text{ cm}^2$ )  |
| Cauliflower   | Up to and including cauliflower heads begin to form (tip $\leq 1 \text{ cm}^2$ )                                      |
| Brussels Sprout   | Up to and including lateral buds begin to develop   |
| Cabbage   | Up to and including heads begin to form   |
| Lettuce   | Varieties forming heads: up to and including heads begin to form  |
| Lettuce   | Varieties not forming heads: up to and including leaf rosette has reached 30% of the diameter typical for the variety |
| Rocket  | Up to and including 3rd true leaf unfolded  |
| Spinach   | Up to and including 30% of expected typical diameter for the variety  |
| Field Bean, Broad Bean (fresh), Dwarf French Bean, Runner Bean, Edible Podded Pea | Up to and including first pod set   |
| Vining pea  | Up to and including flat pod (non-edible pods only)   |
| Soya bean (dry)   | Up to and including flowering; first pods visible ~5 mm (50% 59–60%)  |
| Combining pea   | Up to and including flat pod (non-edible pods only)   |
| Linseed   | Up to and including 10% capsules formed   |
| Oilseed Rape  | Up to and including 10% potential pods  |
| Borage  | Beginning of ripening – seed green  |
| Cereal  | Up to and including GS52 (¼ inflorescence)  |
| Maize   | Up to and including cone set  |
| Household Maize, Sweetcorn  | Up to and including tip of tassel visible   |
| Beans, vining pods (dry & fresh)  | Up to and including first pod set   |
| Parasitic   | During dormant phase before BBCH 09 (no shoots/ spears growing or starting to grow above the soil surface)            |

## Mixing

Fill the spray tank with clean water and commence agitation. Add the recommended quantity of Toil. Then add the recommended quantity of pesticide and the remaining balance of water whilst maintaining agitation throughout.

## COMPANY ADVISORY INFORMATION

The following information does not form part of the product label under the UK plant protection products regulations and provides additional advice on product use at the discretion of Nichino Europe Co., Ltd.

Conditions of supply: All goods supplied by us are of high grade and we believe them to be suitable but as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during and after application, which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality of fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or re-sellers for any failure in performance damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.



**NICHINO**

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