

EXTENSION OF AUTHORISATION FOR MINOR USES (EAMU)

INSTRUCTIONS FOR USE

PPP: Tracer (PCS No. 02649)

CROPS: Field crops of: Kale, collards, chives, strawberry, cranberry
Protected & field crops of: Currants (black, red & white), raspberry, blackberry, blueberry, gooseberry, herbs* spinach, spinach beet, lettuce*, baby leaf crops*)

* For this EAMU the following crop definitions apply:

Herbs includes: angelica, balm, bay, burnet (salad), catnip, chamomile, clary sage, dragonhead, fennel, horehound, hyssop, land cress, lavandin, lavender, lemon verbena, lovage, marjoram, mint, nettle, oregano, plantain, rosemary, rue, sage, sorrel, spike lavender, St john's Wort, tarragon, thyme, woodruff, yarrow, basil, Borage, caraway, chervil, coriander, curry plant, dill, fenugreek, feverfew, marigold, nasturtium, parsley, rocket (salad), savory, violet.

Lettuces/salad leaves includes: Butterhead, oaks, Apollo, Lolla Rossa, Verde, Batavia, salanova, endive/frise, escarole, celery leaves, cress, lambs lettuce, chard, red mustard multileaf types, rocket & radicchio.

Baby leaf crops are grown up to 8 true leaf stage includes baby leaf lettuce types & baby leafy brassicas.

This approval provides for the use of the product **Tracer (PCS No. 02649)** in respect of, the crops and situations as listed above, which are extra to those specified on the product label.

The conditions of application outlined below are statutory. They must be complied with when availing of this extension for minor uses.

The instructions provided in this extension for minor uses must be used in conjunction with information provided on the approved product label.

Failure to abide by the conditions of approval specified below or on the product label may constitute a breach of the product approval.

There is limited evidence of crop safety and/or product efficacy available for this extension of authorisation for minor uses and the commercial risk of using this product on the crops/situations listed in this document is borne entirely by the grower.

Reference Date: 24.07.18. [Includes latest changes. This version should be used until updated]

Product name: Tracer
Active Substance: Spinosad
Formulation: 480 g/L SC
Authorisation Holder: Dow AgroSciences
Marketing Company: Dow AgroSciences
PCS No: 02649
User type/Function: Professional Use Only / Insecticide.

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Application:

Crop	Max. individual dose	Max. number of applications	Max. total dose	Minimum interval between applications	Latest time of application PHI	Target
Field: Kale, collards	12ml product per 1000 plants as a pre planting drench	1 per crop	12ml product per 1000 plants	-	Pre planting 6 th leaf stage	Caterpillar, butterfly, moth, cabbage root fly
Field: Kale, collards	200ml/ha as a field spray application	4 per crop. (see specific restrictions)	800ml/ha	-	3 days before harvest	Caterpillar, butterfly, moth & cabbage root fly
Field & protected spinach, spinach beet, Lettuce, baby leaf crops & herbs	200ml/ha	3 per crop or 3 per crop per year for perennial herbs.	600ml/ha	7 days	3 days before harvest	Onion thrip & Silver Y moth.
Field Chive	200ml/ha	4 per crop	800ml/ha	-	7 days before harvest	Onion thrip & Silver Y moth.
Protected Raspberry and Blackberry	200ml/ha in a minimum of 1000 litres of water	3 per year	600ml/ha	10 days	1 day before harvest	Thrip & Spotted wing drosophila
Field raspberry and blackberry	200ml/ha in a minimum of 1000 litres of water	2 per year	400ml/ha	10 days	3 days before harvest	Thrip & Spotted wing drosophila
Field currants	200ml/ha in a minimum of 250 litres of water.	2 per year	400ml/ha	10 days	7 days before harvest	Thrip, Spotted wing drosophila Winter moth, Blackcurrant sawfly
Protected currants	200ml/ha in a minimum of 250 litres of water	2 per year	400ml/ha	10 days	3 days before harvest	Thrip & Spotted wing drosophila
Field Strawberry	150ml/ha in a minimum of 200 litres of water	3 per crop	450ml/ha	10 days	1 day before harvest	Spotted wing drosophila
Field and protected blueberry, gooseberry. Field cranberry	200ml/ha in a minimum of 250 litres of water	2 per crop	400ml/ha	10 days	3 days before harvest	Spotted wing drosophila & light brown apple moth

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Other specific restrictions:

- (1) To avoid risks to human health & the environment comply with the terms of this approval in conjunction with the directions for use on the product label.
- (2) For any individual crop the maximum total dose refers to the total dose of any product containing the same active ingredient.
- (3) Application by tractor mounted/trailed/air assisted or knapsack sprayer only.
- (4) Post application, do not allow unprotected persons to enter treated areas until the crop is completely dry & has been well ventilated.
- (5) For kale & collards: When an application is made before planting only one further application may be made to the crop. The kale drench application may not be made via hand held equipment.
- (6) In protected situations the total number of applications of any spinosad containing product must not exceed 6 per glasshouse/protected structure in a 12 month period, regardless of the crop being grown.
- (7) For environmental information refer to the product label but specifically: To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies from tractor mounted/trailed sprayers. To protect aquatic organisms respect an unsprayed buffer zone of 40m to surface water bodies from air-assisted sprayers. To protect aquatic organisms respect an unsprayed buffer zone of 1m to surface water bodies from knapsack sprayers. Aim spray away from water. Growers may be eligible to reduce the buffer zone under the PRCD STRIPE Scheme.
- (8) For operator protection refer to the product label in conjunction with the specific restrictions above.
- (9) Adverse effects: Approval holders must immediately submit any new information on the potentially dangerous effects of a product or residues of an active substance contained in a product, on human or animal health, or the environment.

Advisory information:

This approval relates to the use of Tracer as a horticultural insecticide on the crops, situations, pests & timings listed above.

Total reliance on one pesticide will hasten the development of resistance. Spinosad has a different mode of action from other insecticides and is most effective when applied in planned programmes with other insecticides with different modes of action. Where possible, applications of Tracer should be alternated with products having an alternative mode of action.

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If possible, include multiple tactics (e.g. cultural or biological controls) when using Integrated Pest Management Programmes. Before using Tracer, establish whether incoming plant material has previously been treated with Tracer or any other product containing spinosad.

Avoid use of the same active ingredient or mode of action on consecutive generations of insects. However multiple applications to reduce a single generation are acceptable. If uncertain of the generation cycle, no more than three consecutive applications should be used, nor should there be continuous use for more than 30 days. Do not use Tracer or any other product containing Spinosad on consecutive generations for insects which show a high risk of resistance.

Applications should be targeted against early insect developmental stages whenever possible. Do not use reduced doses whether applied alone or in tank mixtures.

Resistance Management:

Total reliance on one pesticide will hasten the development of resistance. Pesticides of different chemical types or alternative control measures should be included in the planned programme. Alternating insecticides with different modes of action is a recognised anti-resistance strategy and application should always be planned in conjunction with other insecticides having a different mode of action (IRAC group) with satisfactory efficacy against the targeted pest.

Tracer containing Spinosad is classed by IRAC as group 5: Spinosyns.

IMPORTANT PLEASE NOTE:

Prior to the use of this product, growers should take advice from their crop advisors particularly in relation to the use of this product within an integrated crop management system of production.

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