



HERBICIDE

Tracer[®]

**Selective herbicide for the pre-emergence control
of wild oats in barley, wheat and linseed**

Contains 500g/litre tri-allate in the form of an emulsifiable concentrate

Also contains 393 g/L hydrocarbon solvent

DANGER // COMBUSTIBLE LIQUID // ECOTOXIC

Keep out of the reach of children

Net Contents **20 LITRES**

GROUP

15

HERBICIDE



agrisource.co.nz



READ LABEL COMPLETELY BEFORE USE



DANGER

May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

COMBUSTIBLE LIQUID

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

ECOTOXICITY

Very toxic to aquatic organisms with long lasting effects. Avoid contamination of any water supply with product or empty container. Do not apply onto or into water. Collect spillage. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Very toxic to the soil environment.

RECORD KEEPING

Where 3kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter air or water and leave the application area, a PCBU with management or control of the substance must ensure that a written record is kept of each application of the substance. Refer to Part 4 Clause 48 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for details of information that must be recorded.

QUALIFICATIONS REQUIRED FOR USE OF THIS PRODUCT

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

HANDLING PRECAUTIONS - FOR WORKPLACE USE ONLY

Personal Protection: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with eyes, skin or inhalation of spray mist. Ensure adequate ventilation when handling concentrate. Wear eye protection and gloves. Do not eat, drink or smoke while using. Wash hands and face before meals and after work. When mixing or applying, wear appropriate personal protection including overalls, impervious, elbow-length gloves and eye protection. Wash hands and exposed skin before meals and after work. Wash and dry personal protective equipment before re-use.

Equipment: Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Flush spray equipment thoroughly with water after use.

Storage: Keep out of reach of children. Store locked up, in original container tightly closed and in a cool, well-ventilated area, away from food stuffs, seeds and fertilisers. Storage must be in accordance with the current version of the New Zealand Standard for the Management of Agrichemicals (NZS8409). Stores containing more than 100 Litres of **Tracer** require signage, secondary containment and an emergency response plan.

Shelf Life: When stored appropriately this product should show no significant degradation for two years from the date of manufacture.

Spillage: Move non-essential people from the area. Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Sweep up solids without creating dust. Wash area with water and absorb with further inert material. Dispose of waste safely (such as to a suitable landfill).

Transport: Do not carry this product on a passenger service vehicle.

Product Disposal: Ensure disposal of unwanted product is by used by another operator strictly in accordance with label directions.

Container Disposal: Triple rinse container and add rinsate to spray tank. Dispose of cleaned container at your local AGRECOVERY container collection site.

Safety Data Sheet: Additional information is provided in the SDS available from your supplier or www.agrisource.co.nz

FIRST AID

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Rinse Mouth. DO NOT induce vomiting. Immediately Call a POISON CENTER or doctor/physician. For advice, contact the National Poisons Centre 0800 Poison (0800 764 766) or a doctor immediately. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF Exposed or concerned: Get medical advice/attention.

EMERGENCY RESPONSE

In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Do not use high volume water jet to extinguish. In a transport emergency call 111, Police or Fire Brigade

GENERAL INFORMATION

Tracer is a selective pre-emergence herbicide for control of wild oats in barley, wheat and linseed.

IMPORTANT - RESISTANCE MANAGEMENT

Tracer contains the **GROUP 15 HERBICIDE** active ingredient **tri-alleate**, from the a thiocarbamate group of herbicides. Tri-alleate has the inhibition of lipid synthesis mode of action. Resistance to this herbicide could develop from excessive use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies at www.resistance.nzpps.org/ for more detailed information.

DIRECTIONS FOR USE

Tracer may be applied for wild oat control prior to crop establishment. **CAUTION:** Do not apply prior to drilling oats. Apply immediately prior to or up to three weeks before sowing the crop. Wild oats are generally controlled before they emerge but sometimes, particularly under dry conditions, plants may emerge and develop leaves before they are controlled. Apply **Tracer** to a clod free, friable seedbed prior to sowing crop. Ensure all wild oat seeds on the soil surface are buried by cultivation prior to application. **Tracer** may be used when crops are undersown with legumes. In extremely dry conditions **Tracer** may not be effective until activated by rain or irrigation. **Tracer** is to only be applied once during the growing season.

INCORPORATION

Tracer should be incorporated immediately after application using a set of light harrows. **Tracer** should be incorporated to a depth of approximately 5cm. Two harrowings are recommended after spraying and before drilling.

Application to wet soils will prevent even incorporation.

SPRAY DRIFT

Selective herbicide – very toxic to some plant species. Take all reasonable steps to ensure that **Tracer** does not cause any significant adverse effects to the environment beyond the application area. Use this product carefully. Spray drift or equipment contamination may cause serious damage to desirable plants. Do not allow spray drift outside the target area to occur.

PLANTING

If practical, drill at right angles to the incorporation operation. Tow covering harrows behind the drill to level the soil surface. Set sowing depth to below the **Tracer** incorporation depth. Shallow planting and/or heavy rainfall after application may affect crop germination. This is usually compensated by extra tillering.

Tracer must be applied before the wild oats germinate.

RECOMMENDATIONS

Water rates of 50-200 litres per hectare are recommended. When mixing add **Tracer** to a half-filled spray tank and agitate to thoroughly mix.

CROP TYPE	RATE PER HECTARE
Barley	2.8 litres / hectare
Wheat	2.8 litres / hectare
Linseed	2.8 – 3.4 litres / hectare. Use the higher rate in dry conditions or on soils with high organic matter.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

CONDITIONS OF SUPPLY

All goods supplied by us are produced under rigid quality control procedures which assure the purchaser that at the time of sale they are physically suitable for use in the manner stated. However, to the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Agri Solutions Ltd as registrant, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

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BATCH NO:

Registered pursuant to the ACVM Act 1997 No. P10423

See www.foodsafety.govt for registration conditions

Approved pursuant to the HSN0 Act 1996 No. HSR000571

See www.epa.govt.nz for approval conditions

DATE OF
MANUFACTURE:

REGISTRANT

Agri Solutions Ltd
45 Kitchener Road,
Pukekohe 2120

DISTRIBUTOR

Agrisource (2000) Ltd
45 Kitchener Road, Pukekohe 2120
09 237 0422 · www.agrisource.co.nz

24 HOUR EMERGENCY RESPONSE 0800 CHEMCALL (0800 243 622)