

CAUTION

KEEP OUT OF REACH OF CHILDREN



In-furrow banded moisture retention agent

Active constituent: Proprietary blend of Polyethylene Glycol / Ethoxylated alcohol mixture

GENERAL INSTRUCTIONS:

SE14 improves early seedling emergence and vigour, particularly in non-wetting soils and/or dry seeding situations by attracting and retaining moisture around the seed when banded with water and/or UAN at time of seeding.

APPLICATION / DELIVERY INSTRUCTIONS:

Apply by continuous liquid stream as close to the seed as possible.

MIXING INSTRUCTIONS:

1. Add water or UAN to the mixing tank to allow proper agitation by pump or paddles.
2. Slowly add the required amount of SE14 whilst under agitation (do not exceed a ratio of 1:1).
3. SE14 can be added to mixing tank via gravity feed, through a chemical handler or via in-line venturi between pump outlet and tank.
4. Maintain agitation until solution is thoroughly mixed.
5. Agitation is not required once SE14 is dispersed in the solution.
6. If adding trace elements or other crop protection products continual agitation is recommended.

DIRECTIONS FOR USE:

TYNE SPACING WITH SINGLE ROW DELIVERY	RATE / ha*	CRITICAL COMMENTS
25.4 cm (10 inch)	1.75 L – 4.50 L	Apply by continuous liquid stream as close to the seed as possible using a

30.48 cm (12 inch)	1.50 L – 3.75 L	minimum of 50L/ha of water. If using liquid UAN as a carrier, please seek advice from your local agronomist or Agrion Crop Solutions specialist.
38.1 cm (15 inch)	1.00 L – 3.00 L	

*Rates vary with soil type, tyne spacing, soil moisture, proximity to previous year's furrow, boot type and water rate. With soil type, lighter soils require a higher use rate while higher gravel content can show good responses at lower rates.

Please consult with your local agronomist or Agrion Crop Solutions specialist for advice when choosing a suitable rate for your situation.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

CRITICAL COMMENTS PRIOR TO USE:



TOTAL LIQUID VOLUME:

A minimum total volume of 50L/ha should be delivered. The higher the total volume, the better the response.

PLACEMENT:

Ensure the liquid stream containing SE14 is placed behind the seed tube (position A in the seeder boot images). Having this liquid stream as close as possible to the seed will ensure the moisture is attracted to the seed to assist with crop establishment.

With small-seeded crops which may be susceptible to fertiliser toxicity, consideration needs to be given to the placement, rate and type of compound fertiliser being used. If this is being placed with the seed seek advice from your local agronomist or Agrion Crop Solutions specialist.

SEEDING EQUIPMENT TYPES:

SE14 has been evaluated with a range of seeding equipment and seeding boots. As a general rule SE14 is more effective when placed behind the seeding boot in front of the press wheel with minimum soil disturbance after the liquid stream is delivered into the furrow.

Disc seeders have been used to good effect so long as the final delivery is as close to the seed as possible.

If using splitter boots or paired rows, ensure two liquid streams are delivered in each seed row and SE14 use rates and carrier rates are on the upper end of the rate range.

Seeding boots which cause a spread of seed across the width of the furrow (such as canola boots) are not ideal as you usually only get a small percentage of the seed in close proximity to the SE14.

PRE-DILUTION:

To reduce viscosity and enable easier handling, particularly in cold conditions, dilute in a minimum ratio of 1:1 in water prior to use - the higher the water ratio the better.

ALWAYS ADD SE14 to WATER, never water to neat SE14 whilst under constant agitation.

To reduce excessive foaming when diluting/agitating, ensure returning solution is entering mixing tank below the surface.

Once pre-diluted, SE14 and water is very stable and will remain in solution for an extended period without the need for agitation.

COMPATIBILITY:

SE14 has been tested for physical compatibility and crop safety with a range of products including UAN, Copper, Zinc, Manganese, Uniform, Evergol and Flutriafol. If using Flutriafol (500 g/L) fungicide in combination with UAN and/or other products always carry out a jar test prior to mixing.

When mixing prediluted SE14 to UAN, trace elements and other crop protection products, ensure there is sufficient agitation for thorough mixing.

If leaving unagitated for a period, ensure full agitation and thorough mixing prior to use.

If using multi product mixes with SE14 it is recommended to flush liquid systems with water after use to prevent any potential blockages.

STORAGE AND DISPOSAL:

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Avoid release to the environment or contaminating waterways. Dispose of contents/container at an approved waste disposal plant to comply with local, state and federal regulations.

METAL DRUMS AND PLASTIC CONTAINERS:

Triple rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, remove cap and return clean container to recycler or designated collection point.

If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations.

SAFETY DIRECTIONS:

Avoid contact with eyes as this product causes serious eye irritation. Avoid contact with skin and clothing. If product comes into contact with skin immediately wash area with soap and water. User is advised to use eye/face protection to prevent contact with eyes and prevent possible inhalation or accidental oral intake as this product causes damage to organs (kidney) through prolonged or repeated exposure (oral).

HAZARD AND PRECAUTIONARY STATEMENTS

DANGER. Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause damage to the organs (kidney/liver) through prolonged or repeated exposure by ingestion, and by inhalation.

Keep out of reach of children. Read label before use. Do not breathe dust / fume / gas / mist / vapours or spray. Wash contaminated skin thoroughly after handling. Wear protective gloves, protective clothing, eye protection, face protection.

RESPONSE:

If medical advice is needed, have product container or label at hand.

If swallowed: immediately call the **Poisons Information Centre 131126**

If on skin: Wash with plenty of soap and water. If skin irritation occurs, get medical advice attention. Take off contaminated clothing and wash before re-use.

If in eyes: Rinse carefully with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 131126). If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

IN AN EMERGENCY CALL 131126



CONDITIONS OF SALE:

As the use of SE14 is beyond the control of the Manufacturer, to the fullest extent permitted by law, Agrion Crop Solutions Pty Ltd disclaims all responsibility or liability for any consequence arising from the use of this product other than in strict compliance with the Directions for Use and other label instructions, and solely for the purpose and in the manner indicated.

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