

LINGO[®]

Version and date: Version 1 – Winter 2008

Changes since last version: New product



This label is compliant with the CPA Voluntary Initiative Guidance.

FORMULATION AND ACTIVE INGREDIENT: A ZC formulation based on a mixture of a capsule suspension (CS) and suspension concentrate (SC) containing 45g/l clomazone and 250g/l linuron for pre-emergence control of annual weeds in potatoes, winter and spring field beans, combining peas and vining peas.

PACK SIZE: 5LT

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MAPP No. 14075

Protect from frost. Shake well before use.

IMPORTANT INFORMATION			
For use only as an agricultural herbicide			
Crop	Maximum Individual dose (litres product ha)	Maximum number of treatments	Latest time of application
Potatoes, winter field beans, spring field beans, combining peas and vining peas	2.0	One per crop	Before emergence

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.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

	<p>LINGO®</p> <p>T - TOXIC</p>	<p>ZC formulation containing 45g per litre clomazone and 250g per litre linuron.</p> <p>R40 – Limited evidence of carcinogenic effect. R48/22 – Harmful: danger of serious damage to health by prolonged exposure if swallowed. R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
	<p>N-DANGEROUS FOR THE ENVIRONMENT</p>	<p>R61 – May cause harm to unborn child. R62 – Possible risk of impaired fertility.</p>
		<p>S1/2 – Keep locked up and out of the reach of children. S13 – Keep away from food, drink and animal feeding stuffs. S20/21 – When using, do not drink, eat or smoke. S23 – Do not breathe spray. S35 – This material and its container must be disposed of in a safe way. S36/37 – Wear suitable protective clothing and gloves. S45 – In case of accident or if you feel unwell seek medical advice immediately (show the label where possible). S53 – Avoid exposure – obtain special instructions before use. S57 – Use appropriate containment to avoid environmental contamination S61 – Avoid release into the environment. Refer to special instructions and safety data sheet. SpO 2 – Wash all protective clothing after use.</p> <p>To avoid risk to man and the environment, comply with the instructions for use.</p>

SAFETY PRECAUTIONS

Operator Protection

- Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:
- **WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES** when handling the product.
- However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.
- **WHEN USING DO NOT EAT, DRINK OR SMOKE.**
- **IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL**, seek medical advice immediately (show the label where possible).
- Avoid exposure – obtain special instructions before use.

Environmental Protection

- **DO NOT CONTAMINATE SURFACE WATERS OR DITCHES** with chemical or used container.
- Extreme care must be taken to avoid drift on to non-target plants outside of the target area.
- Avoid release to the environment. Refer to special instructions and safety data sheets.

Storage and Disposal

- This material and its container must be disposed of in a safe way.
- DO NOT RE-USE CONTAINER for any purpose.
- Keep away from food, drink and animal feeding stuffs.
- Keep locked up and out of the reach of children.

Restrictions

- Do not apply to broadcast crop.
- Some transient crop bleaching may occur under certain climatic conditions and can be severe where heavy rainfall follows application. This transient crop effect is rapidly outgrown and has no effect on crop yield.
- Do not use on soils that are compacted or of a poor structure which may then be liable to water logging.
- Do not apply on light soils if heavy rain is likely within 24 hours of spraying as weed control may be reduced or some crop damage may occur.
- Reduced levels of weed control may occur if application is made to dry cloddy seedbeds or if a prolonged dry period follows application.
- Do not overlap spray swaths.
- Severe crop damage may occur on field beans. Where damage does occur, this is generally transient and should not affect crop yield.
- The safety of LINGO to daughter tubers has not been tested; consult the manufacturer or your advisor before using on seed crops.
- Consult processors before using LINGO on crops grown for processing.

Resistance strategy: As part of Good Agricultural Practice steps should be taken to adopt a resistance management strategy as standard. LINGO should be alternated or mixed with herbicides with a different mode of action. Any subsequent herbicide applications should be made using herbicides with a different mode of action.

DIRECTIONS FOR USE

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

LINGO is a residual herbicide which can be used on all varieties of potatoes, winter and spring field beans, combining peas and vining peas.

WEED CONTROL

The following weeds are susceptible to LINGO, when applied pre-emergence of the weeds to a moist, firm seedbed free from clods:

Grass weeds :	Annual meadow grass
Broad leaved weeds :	Annual mercury, Black bindweed, Black nightshade, Charlock, Cleavers, Common amaranth, Common chickweed, Common field speedwell, Fat hen, Fool's parsley, Groundsel, Knotgrass, Parsley piert, Redshank, Red dead nettle, Scarlet pimpernel, Shepherd's purse, Small nettle, Sowthistle, Thorn apple.

TIMING OF APPLICATION

LINGO should be applied as soon as possible after sowing of the crop and before emergence of both crop and target weeds. Crop plants emerged at the time of application may be severely damaged. In potatoes, LINGO should be applied following the last ridging and before row cracking (i.e. approximately 7 days before expected potato emergence).

DOSE

Apply LINGO at a dose of 2 litres product/ha. The maximum number of treatments in all crops is one per crop and no more than one per year.

WATER VOLUME AND SPRAY QUALITY

Apply LINGO in 250 to 400 litres of water per ha as a coarse spray (as defined in the BCPC system).

SOIL TYPE

Do not use on sandy or very light soils. Do not use on soils with more than 10% organic matter.

SEED DEPTH / SEEDBED CONDITIONS

It is important for crop safety that the seed is covered by a minimum of 20mm of soil. For optimum efficacy, the seedbed should be firm, level and free of clods. Loose and puffy seedbeds should be consolidated before spraying.

FOLLOWING CROPS

Autumn treated crops:

Following normal harvest of an autumn treated crop, cereals, oilseed rape, field beans, combining peas, potatoes, maize, turnip, linseed and sugar beet may be sown. Prior to planting, soil should be ploughed and cultivated to a minimum depth of 15cm.

Spring treated crops:

Following normal harvest of a spring treated crop, cereals, oilseed rape, field beans, combining peas, potatoes, maize, linseed, sugar beet and turnip may be sown. Prior to planting, soil should be ploughed and cultivated to a minimum depth of 15cm. Do not sow or plant lettuce in the same season as an application of LINGO.

REPLACEMENT CROPS

Autumn treated crops:

In the event of crop failure for any reason, only winter cereals and winter beans may be sown, providing at least six weeks has elapsed since application. In the spring following crop failure, only spring cereals, combining peas, field beans, maize, turnip, onion, carrots, potatoes and linseed may be sown. Prior to resowing spring cereals, maize, turnip, onion, carrots and linseed, a period of at least 7 months should have elapsed since application. Prior to resowing combining peas, field beans and potatoes a period of at least six weeks should have elapsed since application. Prior to resowing any of the listed replacement crops soil should be ploughed and cultivated to a minimum depth of 25cm.

Spring treated crops:

In the spring following crop failure, only combining peas, field beans, potatoes, maize, dwarf French beans, carrots, turnip, sugar beet, onions and linseed may be sown. Prior to resowing combining peas, field beans, potatoes, carrots, turnip, sugar beet, onion and linseed, a period of at least six weeks should have elapsed since application. Prior to resowing maize and dwarf French beans, a period of at least nine weeks should have elapsed since application. For all spring replacement crops, soil should be ploughed and cultivated to a minimum depth of 25cm.

MIXING

Before using LINGO ensure that the spray equipment is clean.

1. Half fill the tank with clean water and commence agitation. Add the required dose to the spray tank and complete filling, continuing agitation until spraying is completed.
2. On emptying the container, rinse container thoroughly by using an integrated pressure rinsing device or manually rinsing three times when empty. Add washings to the sprayer at time of filling and dispose of container safely.
3. On preparation of spray solution, use as soon as practically possible.

If using an induction system then mixing should be as follows:

1. Half fill the induction bowl with clean water.
2. Slowly pour the required amount of product into the induction bowl, turn on the pump and suck the contents of the induction bowl into the spray tank, at the same time rinsing the bowl.
3. On emptying the container, rinse container thoroughly by using an integrated pressure rinsing device or manually rinsing three times when empty. Add washings to the sprayer at time of filling and dispose of container safely.
4. Repeat the procedure of half filling the bowl with water and sucking out until no trace of product remains on the mesh, filter, drain hole or sides of the bowl.

5. Ensure all contents are sucked out and the bowl is thoroughly rinsed before adding any tank-mix partner.
6. After preparation of spray solution, use as soon as practically possible. Do not leave sprayer standing with spray solution in it.

SPRAY TANK CLEAN OUT

To avoid potential damage to other crops thoroughly clean all spray equipment (including inside and outside of the lid) using clean water. Completely fill and flush the contents of the spray tank twice before any subsequent operations. Spray equipment should not be drained or flushed onto land planted with or intended for planting with trees or crops other than beans or peas.

NOTICE TO BUYER

All goods supplied by us are of high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, all conditions and warranties statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

WARRANTY

The seller makes no warranty, expressed or implied, with regard to the use of the product other than that indicated on the label. The purchaser and user shall assume all risk associated with use and/or handling and/or the storage of the product, if this use and/or handling and/or storage are carried out contrary to the instructions on the label.

DAMAGES

Buyer's or user's exclusive remedy for damages, breach of warranty, or negligence, shall be limited to the direct damage, and shall not exceed the purchase price of the product, and shall not include any incidental or consequential damages.

TECHNICAL ENQUIRIES:	01480 403333
24 HOUR EMERGENCY NUMBER:	0032 1458 4545

Always read the label. Use pesticides safely.

BELCHIM CROP PROTECTION LIMITED

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