

# Linex<sup>®</sup> 4L

Herbicide

## A proven option for reliable residual and burndown control in glyphosate-tolerant soybeans

Growers are discovering that they need to use a preemergence herbicide such as Linex<sup>®</sup> 4L as a foundation for their postemergence program. Early-season residual control of grasses and broadleaf weeds by Linex 4L allows growers more flexibility to target their postemergence herbicide applications for maximum yields and cleaner fields at harvest.

### Unique benefits of Linex 4L

A preemergence application of Linex 4L delivers effective residual control in all types of soybean seed systems including Roundup Ready/STS stacked trait soybeans and conventional soybeans.

Linex 4L is a photosystem II (PSII) inhibiting herbicide that provides effective residual control of several key small-seeded broadleaf weeds. Linex 4L acts at a different binding site from many other PSII herbicides (like atrazine), and can therefore control triazine-resistant lambsquarters and pigweed. This makes Linex 4L an effective addition to many soybean programs on 1 percent to 3 percent organic matter soils.

### Conventional or minimum tillage

Linex 4L applied preemergence up to 30 days prior to soybean planting and before soybean emergence, provides control or suppression of many key grasses and broadleaf weeds, to give your glyphosate-tolerant soybeans a strong start in the spring. Ask your local crop consultant or NovaSource representative for specific recommendations.

### No-till soybeans

Linex 4L is recommended as a tank mix foundation herbicide for no-till soybean production. The addition of Canopy<sup>®</sup>, Synchrony<sup>®</sup> XP or 2,4-D LVE will improve burndown and residual control in glyphosate-tolerant soybeans.

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PRE followed by POST on glyphosate-tolerant soybeans		
Situation	Recommendation	
	Preemergence	Postemergence
To provide added residual activity or burndown activity on emerged weeds, preemergence applications of Linex 4L may be tank mixed with full or reduced rates of other products registered for use in soybeans.	<b>fb</b>	
	<b>Linex 4L 1.0-2.0 pt/A</b> Rate per acre depends upon: <ul style="list-style-type: none"> <li>• Soil texture and organic matter</li> <li>• Level of residual control desired</li> </ul>	<b>Glyphosate-tolerant soybean varieties.</b> Your favorite glyphosate-based POST program.
<b>Application information</b>		
<ul style="list-style-type: none"> <li>• <b>Linex 4L must be applied before the soybean crop emerges.</b></li> <li>• When using Linex 4L for burndown, always add crop oil concentrate at 1 percent v/v (1 gallon per 100 gallons of spray solution) and 0.375 ounce per acre Synchrony<sup>®</sup> XP or 1 pint per acre 2,4-D LVE. 2,4-D applications must be made at least 7 days prior to planting.</li> <li>• For burndown of weeds not controlled by Linex 4L, other burndown products may be tank mixed with Linex 4L.</li> </ul>		

Seedling weeds controlled with burndown applications of Linex 4L			
Broadleaf weeds			Recommendation
Aster, white heath*	Fiddleneck	Ragweed, common	Barnyardgrass (watergrass) Canarygrass Crabgrass Foxtail (including giant) Fescue, rattail Goosegrass Panicum: fall, Texas Ryegrass, annual Signalgrass,
Beggarweed, Florida	Goosefoot, nettleleaf	Sesbania	
Buckwheat, wild	Groundsel	Shepherd's-purse*	
Carpetweed	Henbit*	Sicklepod	
Chickweed: common,	Knawel	Sida, prickly	
mouseear*	Lambsquarters	Smartweed,	
Cocklebur, common	Morningglory, annual	Pennsylvania	
Dayflower, common	Mustard	Speedwell*: corn,	
Deadnettle*	Pennycress*	field,	
Dogfennel	Pigweed	purslane	
Evening-primrose, cutleaf*	Purslane, common	Velvetleaf	
	Pusley, Florida	Wallflower, bushy*	

† Suppression \* Requires the addition of 1 pint per acre 2,4-D LVE.

Weeds controlled preemergence		
Broadleaf weeds	Grasses	Weeds partially controlled (suppressed) preemergence
Beggarweed, Florida	Barnyardgrass (watergrass)	Cocklebur
Carpetweed	Canarygrass	Morningglory, annual
Chickweed	Crabgrass	Nightshade, eastern black
Dayflower, common	Foxtail (including giant)	Sida, prickly (teaweed)
Galinsoga	Goosegrass	Sicklepod
Goosefoot, nettleleaf	Panicum, fall	Velvetleaf (buttonweed)
Lambsquarters		Waterhemp
Mustard		
Pigweed		
Purslane, common		
Pusley, Florida		
Radish, wild		
Ragweed, common		
Shepherd's-purse		
Smartweed, Pennsylvania		

Important: Always read the label before buying and follow label instructions when using this product. Atrazine is a restricted-use pesticide.

**CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

Failure to strictly follow label directions may cause injury to crops, animals, man or the environment. Tessengerlo Kerley, Inc. (TKI) warrants that the product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use when properly applied in normal weather conditions. TKI makes no other warranty or representation of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose. The exclusive remedy against TKI for any cause of action relating to the handling or use of the product is a claim for actual out-of-pocket damages, and in no event shall TKI be liable for special, indirect, incidental or consequential damages or expense of any nature, including, but not limited to, loss of profits or income, whether or not based on the negligence of TKI, breach of warranty, strict liability in tort, or any other cause of action. TKI and the seller offer the product, and the buyer and users accept it, subject to the foregoing conditions of sale and limitations of warranty, liability and remedies.

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