

Linex[®] 4L

Agricultural Herbicide

Tank mix Linex[®] 4L with burndown herbicides for the control of kochia and other hard to control weeds.

Clean up herbicide-resistant weeds in fields by applying products from a different herbicide group, making applications at different stages of weed growth and spraying outside of the crop cycle. Linex 4L is a Group 7 herbicide, which acts at a different binding site from many other herbicides like atrazine and metribuzin (Group 5) and bromoxynil (Group 6). Linex 4L offers both burndown and pre-emerge control of many broadleaf and grassy weeds.

In addition, Linex's 4-month plant back interval allows more flexibility versus other herbicides such as atrazine and diuron. Tank mix Linex 4L with paraquat or other products registered for this use. Include a surfactant for maximum effectiveness.

GROUP 7 HERBICIDE

Kochia control 3-4 WAT (weeks after treatment) averaged across eight experiments in Kansas (4), Colorado (2), Montana (1) and Nebraska (1), 2011.

Herbicide treatment*	oz/A + % v/v	%
Roundup [®] PowerMax [™]	32	48 h
Distinct [®] + NIS	4 + 0.5%	65 fg
Distinct [®] + 2, 4-D LV4 + NIS	4 + 8 + 0.5%	67 efg
Sharpen [®] + 2, 4-D LV4 + MSO	1 + 8 + 1%	73 def
Sharpen [®] + Atrazine 4L + MSO	1 + 12 + 1%	79 a-d
Laudis [®] + MSO	3 + 1%	76 b-e
Laudis [®] + Atrazine 4L + MSO	3 + 8 + 1%	83 abc
Callisto [®] + Atrazine 4L + COC	3 + 8 + 1%	67 efg
Impact [®] + Atrazine 4L + MSO	0.75 + 8 + 1.5%	80 a-d
Starane [®] NXT + NIS	14 + 0.5%	60 gh
Huskie [®] + NIS	15 + 0.5%	74 c-f
Rage [™] D-Tech + MSO	32 + 2%	52 h
Linex [®] 4L + Atrazine 4L + COC	24 + 16 + 1%	77 b-e
Gramoxone [®] + Atrazine 4L + COC	48 + 16 + 1%	90 a
Gramoxone [®] + Linex [®] 4L + COC	48 + 24 + 1%	87 ab

*includes AMS

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* Post harvest, crop stubble, fallow ground and stale seedbed applications.
See Linex Specimen Label.

Kochia: Post-Treatment Control (KS)

14 DAT (days after treatment)				
	Gorham	Hays	Scott [^]	Garden [^]
Rage™ D-Tech + 2,4-D	80	90	78	55
Gramoxone® Inteon®, AAtrex®	100	100	90	98
RoundUp® PowerMax™	19	22	23	13
Linex® + AAtrex®	97	97	74	86
Gramoxone® Inteon® + Linex®	100	100	97	*
LSD	9	6.6	8.6	16

* Treatment combination not used at this site

[^] Scott City and Garden City

Randall Currie, Weed Scientist; Jennifer Jester, Assistant Weed Scientist; Field Day 2011 Weed Science Update
Kansas State University Research and Extension

Application Recommendation East of the Rocky Mountains Only

Apply Linex® 4L Herbicide at a rate of 1 to 4 pints per acre to post-harvest, crop stubble, fallow grounds or stale seedbeds for control of emerged weeds or for residual weed control during the fallow season. For control of established annual weeds, add a nonionic surfactant at 0.5 to 1% v/v or a crop oil concentrate at 1 to 2 pints per acre to aid in control. Apply before weeds reach 4 inches in height.

For pre-emergence weed control, the lower dosage rates are effective on lighter soils and the higher rates on heavier soils and on the more difficult to control broadleaf weeds and grasses. Sufficient moisture of 0.5 to 1 inch on moist soils; 1 to 2 inches on dry soils, in the form of rainfall or sprinkler irrigation is necessary after treatment to achieve pre-emergence control. Best results are obtained when sufficient moisture occurs within 2 weeks after application.

For control of established weeds, Linex 4L Herbicide may be tank mixed with a burndown herbicide, such as paraquat. Apply Linex 4L Herbicide by ground equipment in sufficient spray volume to provide uniform coverage of the site and or weeds to be treated.

Do not apply by air.

Do not apply to sand or loamy sand soils.

Do not use on soils with less than 1% organic matter.

Crop Rotation Recommendations:

Any crop may be planted 4 months after application. The crops of corn, grain sorghum, potatoes or soybeans may be planted at anytime following application, provided the combined rate applied post-harvest and pre-emergence does not exceed the maximum labeled pre-emergence rate per 12-month period for the specific crop.

Important: Always read the label before buying and follow label instructions when using this product.

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

Tessenderlo Kerley, Inc. warrants only that this product conforms to the product description on the label. Except as warranted by this label, Tessenderlo Kerley, Inc. makes no representation or warranty or guarantee, whether expressed or implied, of fitness for a particular purpose of merchantability, or of product performance. Tessenderlo Kerley, Inc. does not authorize any agent or representative to make any such representation, warranty or guarantee. To the extent consistent with applicable law, Tessenderlo Kerley, Inc.'s maximum liability for breach of its warranty or for use of this product, regardless of the form of action, shall be limited to the purchase price of this product. To the extent consistent with applicable law, buyer and user acknowledge and assume all risks and disposal liability resulting from handling, storage, use and disposal of this product. If buyer does not agree with or accept these warranty and liability limitations, buyer may return the unopened container to the place of purchase for full refund. Buyer's use of this product shall constitute conclusive evidence of buyer's acknowledgement and acceptance of the foregoing limitations. Some states do not allow the exclusion of implied warranties or the limitation of certain damages, so the above may not apply. The purchase, delivery, acceptance and use of this product by the buyer are subject to the terms and conditions of seller's sales invoice for this product.

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