

# **POST HARVEST, CROP STUBBLE, FALLOW GROUND, STALE SEEDBED - CONTROL OF ESTABLISHED ANNUAL WEEDS (IDAHO, ETC.)**

## General Information

### GENERAL INFORMATION

Linex 4L is a flowable herbicide to be mixed in water and applied as a spray for selective control of weeds on certain crops. It is non-corrosive to equipment, non-flammable and non-volatile.

Linex 4L may be applied to soil prior to emergence of weeds to control susceptible weed seedlings for an extended period of time; the degree of control and duration of effect will vary with the amount of chemical applied, soil texture, rainfall and other conditions. Soils high in clay or organic matter require higher dosages than soil low in clay or organic matter to obtain equivalent herbicide performance. Moisture is required to activate the chemical; best results occur if rainfall (or irrigation) occurs within 2 weeks of application. In the Columbia River Basin, use Linex 4L only if crop is sprinkler irrigated.

Linex 4L may also be used to control emerged weeds. Results vary with rate applied and environmental conditions; best results are obtained on succulent weeds growing under conditions of high humidity and temperatures of 70°F or higher. Addition of a surfactant to the spray (where recommended) increases contact effects of Linex 4L.

Since the effect of Linex 4L varies with soil, uniformity of application and environmental conditions, it is suggested that growers limit their first use to small areas. Observe all precautions and limitations on labeling of all products used in mixtures.

### RESISTANCE

When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same field, naturally-occurring resistant biotypes may survive a correctly applied herbicide treatment,

propagate, and become dominant in that field. Adequate control of these resistant weed biotypes cannot be expected. If weed control is unsatisfactory, it may be necessary to retreat the problem area using a product affecting a different site of action.

To better manage herbicide resistance through delaying the proliferation and possible dominance of herbicide-resistant weed biotypes, it may be necessary to change cultural practices within and between crop seasons such as using a combination of tillage, retreatment, tank-mix partners and/or sequential herbicide applications that have a different site of action. Weed escapes that are allowed to go to seed will promote the spread of resistant biotypes.

It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes. Consult your agricultural dealer, consultant, applicator and/or appropriate state agricultural extension service representative for specific alternative cultural practices or herbicide recommendations available in your area.

## INTEGRATED PEST MANAGEMENT

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

Do not apply by air.

Do not apply to sand or loamy sand.

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

Limitations, Restrictions, and Exceptions

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NOTE: ALL STATES - DO NOT EXCEED THE MAXIMUM PER ACRE PER YEAR IN-CROP USE RATE FOR ALL APPLICATION TIMINGS.

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 or a methylated seed oil (MSO) at 1% v/v to aid in control.

Apply before weeds reach 4 inches in height.

Apply LINEX by ground equipment in sufficient spray volume to provide uniform coverage of the site and or weeds to be treated.

Any crop may be planted 4 months after application. Winter wheat may be planted at anytime following application provided the combined rate applied post-harvest and preemergence does not exceed the maximum labeled rate per 12 month period for the crop.

For Postemergence Use

Results of postemergence treatment of emerged weeds vary with rate applied and environmental conditions. Best results are obtained on succulent weeds growing under conditions of high humidity and temperatures of 70 degrees F or higher. Addition of a surfactant to the spray (where recommended) increases contact effects of LINEX 4L. Postemerge application will also provide control of emerging susceptible weed seedlings.

Note:

- For volunteer corn up to 6 inches in height apply 2/3 to 1 pint per acre of LINEX 4L in a tank mixture with paraquat at 9.6 to 14.4 ounces active ingredient per acre. Apply the higher rate of both herbicides for volunteer corn that is 7 to 12 inches in height. The addition of a surfactant to the spray solution will increase the contact efficacy of this tank mixture.

Method

[Broadcast/Foliar Ground](#)

Rates

[field\\_rates 0](#)

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Restricted Entry Interval

24 hours

Timings

Postemergence (Weed)

Before weeds reach 4 inches in height