



PastureGard™ Herbicide

TECHNICAL POINTS

Brush Control in Rangeland and Permanent Grass Pastures

- PastureGard™ herbicide may be broadcast applied to pastures and fencerows, either aerially or by ground, or as an individual plant treatment (IPT) in rangeland and permanent pastures.
- The active ingredients in PastureGard are triclopyr ester and fluroxypyr ester (1.5 lbs ae/gallon + 0.5 lb ae/gallon). PastureGard is formulated as an oil-based emulsifiable concentrate (EC).
- Triclopyr and fluroxypyr are in the pyridine family, and act as plant growth regulators. Fluroxypyr is rapidly absorbed by foliage; root uptake is much less, but can occur. It is translocated mainly in the phloem to sink areas of the plant, moving less in the xylem. It is essentially non-volatile. Fluroxypyr has a short soil half-life, almost no residual activity, and low water solubility. Triclopyr and fluroxypyr control many woody plants and broadleaf weeds, and are safe to most established pasture grasses.
- Federal registration of PastureGard was accepted in April 2004. It is NOT classified as a federally Restricted Use Pesticide (RUP). It does NOT contain 2,4-D.
- PastureGard herbicide may be applied broadcast, as a high-volume foliar spray to individual plants, as a low-volume basal application to brush, or to cut stumps of woody plants. A nonionic surfactant at 1-2 quarts/100 gallons spray solution (0.25% – 0.5% v/v) should be added for the foliar applications.
- PastureGard™ herbicide controls many tree and brush species, including blackberry, rose species, sweet gum, osage orange, lantana and wax myrtle. Weeds controlled include *Sericea lespedeza*, tropical soda apple, ragweed, ironweed, dogfennel, dock, etc. PastureGard does not provide soil residual control of weeds or brush emerging after application.
- Drift to nearby crops such as cotton, soybean, vegetable crops or tobacco should be avoided. Legumes such as clover or alfalfa will be severely damaged by this product.
- Suggested use rates:
 - Herbaceous weed control: 1.5 to 3 pints/A broadcast
 - Brush control: 3 to 6 pints/A broadcast (in most cases)
 - High-volume foliar: 1% to 1.5%
 - Low-volume basal: 1:1 ratio of PastureGard:Oil
 - Maximum use rate: 1 gallon per acre

