

# Lock Down™ SC

SELECTIVE HERBICIDE



## FAST AND LONG-LASTING BARE GROUND MAINTENANCE.

Lock Down™ SC Herbicide is a convenient, fast-acting liquid flumioxazin that provides excellent residual control of more than 100 broadleaf weeds in the maintenance of bare ground non-crop areas and conifer re-forestation sites. Lock Down SC controls a broad spectrum of annual and grass weeds, including chickweed, foxtail, kochia, lambsquarters, pigweed, ragweed, thistle, spurge, and most broadleaf weeds resistant to glyphosate. Lock Down SC is ideal for weed control around guardrails, railroad beds, parking areas, storage areas, industrial sites and road surface areas where weeds need to be “locked down.” Use Lock Down SC during spring cleanup for long-lasting pre-emergence, or as a post-emergence tank mix partner for stronger knockdown performance.

### COMPETITIVE ADVANTAGES

#### BROAD SPECTRUM WITH RESIDUAL CONTROL

- Controls a broad spectrum of annual broadleaf and grass weeds
- Effective management of most broadleaf weeds resistant to glyphosate
- Convenient liquid formulation makes mixing and loading faster and easier
- Offers long-lasting pre-emergence residual control to keep sites clean
- Can be used as a tank mix partner for stronger post-emergence control

### AT-A-GLANCE INFO

EPA REG. NO.	71368-114
ACTIVE INGR.	flumioxazin (44.0%)
FORMULATION	liquid
CHEM. FAMILY	dicarboxamide
GROUP NO.	14
MODE OF ACT.	PPO inhibitor
SIGNAL WORD	none
RES. USE	no
PACKAGE SIZE	2.5 gal container (2 per case)

### SAME RATE, SAME POWER

Rates are equivalent to WDG formulation:  
1 oz Lock Down WDG = 1 fl oz Lock Down SC

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Grow a better tomorrow

# Lock Down™ SC

## FAST AND LONG-LASTING BARE GROUND MAINTENANCE.

### KEY USES

Bare ground in non-crop areas including guardrails, railroad beds, parking areas, storage areas, industrial sites, roadside and road surface areas  
Conifer and poplar re-forestation sites

### KEY WEEDS CONTROLLED

(See product label for complete list)

Beggarweed, Florida  
Carpetweed  
Chickweed; common, mouseear  
Coffee senna  
Dandelion  
Eclipta  
Foxtail  
Hemp sesbania  
Henbit  
Indigo, hairy  
Jimsonweed  
Kochia  
Lambsquarters, common  
Marestail (horseweed)  
Mustard; tansy, tumble, wild  
Nightshades;  
    black, Eastern black, hairy  
Palmer amaranth  
Pigweed; redroot, smooth,  
    spiny amaranth, tumble  
Poinsettia, wild  
Prickly sida, teaweed  
Puncturevine  
Purslane; common, horse  
Pusley, Florida  
Ragweed, common  
Redmaids  
Redweed  
Shepherd's-purse  
Smallflower; morningglory,  
    smallweed  
Spurge  
Thistle, Canada  
Tropic croton  
Venice mallow  
Waterhemp; common, tall

### USE SUMMARY – ROTATION OPTIONS

#### BARE GROUND IN NON-CROP AREAS

**PRE-EMERGE APPLICATION:** Apply 8 to 12 fl oz (0.25 to 0.38 lb ai per acre) of Lock Down™ SC per broadcast acre as a pre-emergence application. Make pre-emergence (to weed emergence) applications of Lock Down SC to a weed free soil surface. Pre-emergence applications of Lock Down SC must be completed prior to weed emergence. Moisture is necessary to activate Lock Down SC on soil for residual weed control. Dry weather following application of Lock Down SC may reduce effectiveness. However, when adequate moisture is received after dry conditions, Lock Down SC will control susceptible germinating weeds.

**POST-EMERGE APPLICATION:** Apply 8 to 12 fl oz (0.25 to 0.38 lb ai per acre) of Lock Down SC per broadcast acre plus an adjuvant (0.25% v/v non-ionic surfactant or 1 qt/A crop oil concentrate). The addition of an adjuvant enhances Lock Down SC activity on emerged weeds. Thorough spray coverage is necessary to maximize the post-emergence activity of Lock Down SC. Emerged weeds are controlled post-emergence with Lock Down SC, however, translocation of Lock Down SC within a weed is limited, and control is affected by spray coverage and by the addition of an adjuvant. The most effective post-emergence weed control with Lock Down SC occurs when applied in combination with a surfactant to weeds less than 2 inches in height.

#### IN CONIFER RE-FORESTATION SITES FOLLOWING TIMBER HARVEST\* AND IN POPLAR PLANTATIONS AND TIMBER RE-FORESTATION SITES\*

Lock Down SC is a pre-emergence and post-emergence herbicide for control of selected grass and broadleaf weeds in conifer re-forestation sites following timber harvest operations and in poplar plantations and timber re-forestation sites. Lock Down SC may be used as a site preparation treatment prior to transplanting trees or as a release treatment after stand establishment.

**SITE REPAIRATION — APPLICATION BEFORE TRANSPLANTING:** Apply 8 to 12 fl oz of Lock Down SC per acre. Transplant operations must take place at least 3 months after application. To obtain optimal weed control, apply Lock Down SC before weed emergence or after a burndown herbicide has controlled existing vegetation. If existing weed canopy is less than 40%, Lock Down SC may be tank mixed with a burndown herbicide to provide pre-emergence weed control. Apply Lock Down SC in at least 10 gal of water per acre to achieve uniform spray coverage using ground or aerial spray equipment.

**RELEASE TREATMENTS — APPLICATIONS ONLY WITHIN 3 YEARS AFTER TRANSPLANTING:** Apply 8 to 12 fl oz of Lock Down SC per acre over the top of trees prior to budbreak in the spring or after dormancy in the fall. Do not apply Lock Down SC over the top of trees after budbreak as needle/leaf spotting and defoliation may occur. Lock Down SC should not affect new growth of trees. See product label for a list of tolerant conifers and poplars for over the top treatments.

\*Not for use in California

See label for complete directions for use.



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For specific application rates, directions, mixing instructions and precautions, read the product label. Please visit [www.nufarm.com/uscrop](http://www.nufarm.com/uscrop) to download a full label.

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