

## Specification Sheet

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# Guardian<sup>®</sup> DF

# Guardian<sup>®</sup> DL

## Nitrogen Fertilizer Additive

### DESCRIPTION

Guardian<sup>®</sup>-DF and Guardian<sup>®</sup>-DL slow release nitrogen fertilizers are used as additives with nitrogen fertilizers and liquid manure. The active ingredient in the Guardian products is dicyandiamide (DCD), an approved source of slow release nitrogen which delivers more effective nitrogen management. The DCD in the Guardian products allows nitrogen to remain in the root zone longer, thereby allowing greater plant access to available nitrogen, which can increase yields and reduce nitrogen loss.

### PERFORMANCE CHARACTERISTICS

- efficient, slow nitrogen release
- potential to increase yields
- keeps nitrogen available to plants longer
- potential to reduce amount of applied nitrogen
- helps protect the environment

### PRODUCT CHARACTERISTICS

- nonflammable, nonvolatile
- leaves no harmful residues in the soil
- dry or liquid formulas
- can be applied with nitrogen solutions, prilled nitrogen or liquid manure
- can be applied by broadcast or band application methods

### DIRECTIONS FOR USE

Guardian-DF and Guardian-DL are intended for application with nitrogen solutions or liquid manure. In addition, Guardian can be impregnated on dry nitrogen fertilizers. Follow detailed application and mixing instructions on the label and in the application guide.

### SPECIFICATIONS

	Guardian DF	Guardian-DL
Part number	55392 and 55400	36871
Appearance	Crystalline, white powder	Blue/green liquid
Odor	None	Mild ammonia
pH	9.75	6.0
Specific gravity	—	1.3
Weight/U.S. gallon	—	10.8 pounds
Guaranteed nitrogen (N)	66%	26%
Packaging	50 pound plastic bag or 1100-pound tote	5-gallon plastic container
Storage/handling	Store in cool, dry location	Keep from freezing