

SUPPLEMENTAL LABEL: HEMP

Double Nickel[®] LC

BIOFUNGICIDE

Aqueous Suspension Biofungicide/Bactericide

FOR ORGANIC PRODUCTION



Active Ingredient:

Bacillus amyloliquefaciens strain D747* 98.85%

Other Ingredients 1.15%

Total 100.00%

*Contains a minimum of 1×10^{10} colony-forming units (cfu) per milliliter of product

KEEP OUT OF REACH OF CHILDREN

This supplemental labeling expires on April 30, 2022 and must not be used or distributed after this date.

MANUFACTURED BY:

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9145 Guilford Road, Suite 175
Columbia, MD 21046



EPA Reg. No. 70051-107
EPA Est. No. 70051-CA-1

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This is a Specimen Label. It may not reflect the most-recent approved label for use in your state. Always refer to the label on the product packaging for approved use instructions. Please contact your Certis sales representative for more information.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This labeling must be in possession of the user at the time of application.

Read the label affixed to the container for Double Nickel® LC before applying.

Use of Double Nickel® LC according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for Double Nickel® LC.

CROP

Hemp

PEST OR DISEASE

Anthraxnose (*Colletotrichum* spp.), brown blight (*Alternaria alternata*), brown leaf spot and stem canker (*Ascochyta* spp.), gray mold (*Botrytis cinerea*), hemp leaf spot (*Bipolaris* sp.), powdery mildew (*Leveillula* and *Sphaerotheca* spp.), white leaf spot (*Phomopsis ganjae*), yellow leaf spot (*Septoria* spp.), olive leaf spot (*Cercospora cannabis*), Stemphylium leaf and stem spot (*Stemphylium botryosum*), bacterial blight (*Pseudomonas cannabina*), Xanthomonas leaf spot (*Xanthomonas campestris*).

"Damping off," seedling blights, and root or crown diseases** caused by *Pythium*, *Rhizoctonia*, *Fusarium*, *Phytophthora*, *Botrytis*, *Verticillium* spp., charcoal rot (*Macrophomina phaseolina*), fusarium wilt, foot rot, stem canker (*Fusarium* spp.), hemp canker (*Sclerotinia sclerotiorum*), southern blight/southern stem blight (*Sclerotium rolfsii*), Verticillium wilt (*Verticillium* spp.).

APPLICATION INSTRUCTIONS

Foliar application: For control of diseases on foliage, flowers, fruit, or other above-ground parts of plants: Mix Double Nickel® LC in water and apply as a spray at a rate of **0.5 to 6 quarts** of Double Nickel® LC per acre in sufficient water to achieve thorough coverage of the crop canopy with minimal runoff. Begin applications at crop emergence, transplanting, or when conditions are conducive to development of disease. Repeat application every 3 to 10 days as needed, for as long as conditions favor disease development. Lower rates (0.5 to 3 quarts per acre) may be applied under light disease pressure, to smaller (e.g. newly-emerged) plants, or when Double Nickel® LC is used in a tank

mix with other fungicides whose labels allow such use. Under moderate to severe disease pressure, or when environmental conditions and plant stage are conducive to rapid disease development, use higher label rates (3-6 quarts/acre), apply more frequently (every 3-7 days), and mix or rotate Double Nickel® LC with other fungicides for improved performance.

***Soil application:* For control of soil-borne diseases infecting seeds, seedlings, roots, crown, stems, or other plant parts below ground or in contact with soil: Apply Double Nickel® LC at **0.5 to 4.5 pints per acre**. Mix the required amount in sufficient water to apply by one of the following methods:

- Soil drench at transplanting, using a "water wheel" injector, spray nozzles/hoses, or other method to drench each root ball and/or planting hole.
- Soil or seedline drench, or banded spray (in-furrow) at planting.

Follow-up (post-planting) preventative applications can be made every 2-4 weeks by one or more of the following methods, if needed:

- Drip (trickle) or any type of sprinkler irrigation, any time after planting or transplanting. See Chemigation Instructions for additional information.
- Spray directly onto the soil surface and/or lower plant parts. If targeting root disease, follow immediately with sufficient overhead sprinkler irrigation to move Double Nickel® LC to the root zone.
- Injection directly into the rooting zone using shanks or similar equipment.

Lower rates (0.5 to 2 pints of Double Nickel® LC per acre) may be applied under light disease pressure, to smaller plants, or when Double Nickel® LC is used in a tank mix with other fungicides whose labels allow such use. Under moderate to severe disease pressure, or when environmental conditions and plant stage are conducive to rapid disease development, use higher label rates (2 - 4.5 pints per acre), apply more frequently (every 2 weeks), and mix or rotate Double Nickel® LC with other fungicides for improved performance.