

 Dutch Growers

# NEEDLE CAST TREATMENT

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Needle Cast is a fungal that thrives from drought conditions and stressed conifer trees. It generally targets spruce, but it can also spread to other types of evergreens.

Stressed trees will continue to have problems throughout the years, so ensure that you fertilize your trees.

Fertilize with 30-10-10 or a top-dress fertilizer if on an acreage.

## 30-10-10 treatment

2tsp per 1 gallon of water

Fertilize around the drip line every 3-4 weeks starting at the beginning of May, until July 15<sup>th</sup>.

## Top-dress Fertilizer

Fertilize beginning of May, until July 15th  
Calculate the proper amount of fertilizer for the size of the tree

Spread around the drip line and water in  
This is a slow release fertilizer and whenever it rains or you go out and water, the fertilizer will release.

Once fertilizing is done in July, keep watering during the hot months of August and September to prevent re-stressing your trees.



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**Copper Bordo Sulfur Spray**

Spray May Long

3 treatments, 1 week apart

Dilute 1tsp into 1 L of water and spray directly onto the plant

**If insects are present:**

Spider Mites- spray Malathion

Spray May Long

3 treatments, 1 week apart (can be sprayed on the same day as Bordo, but spray first, and wait half an hour to an hour before spraying the Bordo)

\*Toxic\* ensure to cover up, do not spray on windy days, and keep kids and pets indoors while spraying.

Scale, Spruce Bud Worm- Ambush

Same treatment as Malathion.



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