ALGENOL AMENDMENT

WORKING PLAN - SX 80207 Q

by G. Matthews
Algenol Amendment

In RNX 7954, it was noted that Algenol (seaweed extract) amended soil mix produced larger, darker colored Douglas fir seedlings during early growth. By the end of the growing season the effect was lost. This trial will attempt to duplicate the result plus extend the effect with a mid-summer application of Algenol.

Experimental Design

Each treatment consists of 3 PSB 313's. The seedlot to be used is;

Fc (1060) 92H03/B1/2048/o.91 89% – double sow.

Treatment 1: control. Standard 3:1 peat-vermiculite with 3 kg/m³ 12 mesh and finer dolomite. Standard soluble fertilizers are to be applied according to the attached schedule.

Treatment 2: Algenol in soil mix. Standard soil mix plus 2 kg/m³ Algenol. Standard fertilization as in treatment 1.

Treatment 3: Algenol drench. Standard soil mix plus 2 kg/m³ Algenol. Apply Algenol as soil drench in mid-summer at 1 kg/100 l water. Standard fertilization as in treatment 1.

Evaluation of Results

At the end of the growing season, samples will be assessed for height, root collar diameter, top and root dry weights. During the growing season, color differences will be recorded, if possible using a Munsell Color Chart.

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