



Figure 2. Foliar tests can be used to determine when to apply foliar applications of potassium (K). When foliar tests for loblolly pine needles are above the dotted line, K fertilization is not expected to affect seedling performance. Visual deficiency symptoms may occur when foliar tests are less than 0.4% K. Seedlings with foliar values below the dashed line may be in the “hidden hunger” zone. The solid line represents values that are near normal for seedlings that were sown in April. The TRIANGLE represents seedlings (sampled in June) that received an excessive amount of K while STAR seedlings will be fertilized with K.