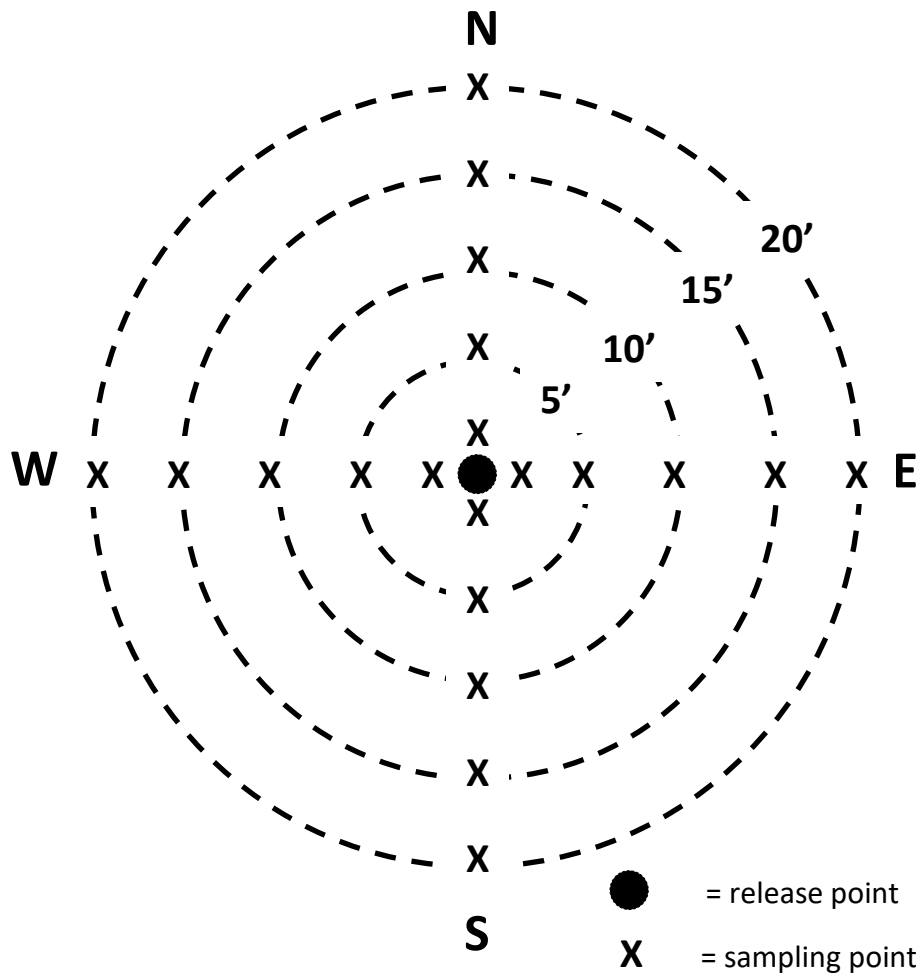


LEAFY SPURGE BIOCONTROL MONITORING—Sampling Instructions

First, do 10 sweeps on patches of leafy spurge in the general area of the plot. If you capture ANY biocontrol insects, record observations in the "initial inspection" field on the data sheet, or mark "none" if you find none. Next, five sampling points will be swept along four lines in the N, E, S and W cardinal directions from release point (20 sample points total). For each line, begin as close to the release point as possible. Using a 15-inch diameter sweep net, make four sweeps in front of you (back and forth twice). Each net sweep should proceed in a downward arc, so that the net moves vigorously through the vegetation as close to the ground as possible. Carefully examine the net and count the biocontrol insects present. Then empty the net to release the counted insects. You may empty the insects in to the white bucket to facilitate counting. Move approximately 5 feet (2 paces) out and repeat above steps—a total of 5 times in each of the 4 cardinal directions.



PHOTOS
 Please take 4 photographs (horizontal format) each time you make a monitoring visit.
 Stand at the central release point and take 1 photograph facing N, E, S and W.
 If possible, have someone stand at the 20-ft point along the sampling transect—to provide scale.
 Have the person hold up a sheet indicating the direction *you* are facing.
 The tablet data entry form will prompt you when to take the photos, and will automatically record the photo file numbers for you. If a tablet is not available, contact Peter Williams for instructions.
 970-629-3747 or
 williapa@toast.net

INSECT COUNTS

Sum each column to obtain total for each sampling transect. Then, add across the bottom (TOTAL) row to obtain the total for the plot.

	N	E	S	W
0 ft.				
5 ft.				
10 ft.				
15 ft.				
20 ft.				
TOTAL				

LEAFY SPURGE COVER ESTIMATION

Look over the area within the monitoring plot circle (\approx 40 ft. diameter). Estimate the cover of leafy spurge, using the guide below. Always estimate by looking straight down on the plot (not at an oblique angle). Record on the data sheet by circling the appropriate cover class and/or marking the on the tablet form.

COVER CLASSES: ABSENT = no leafy spurge observed within the plot circle.
TRACE = less than 1%
LOW = 1% to 5%
MODERATE = 5% to 25%
HIGH = greater than 25%

