





Technical Bulletin for: Eastern Spruce Budworm

Choristoneura fumiferana (Clemens) • Lepidoptera, Tortricidae • CHOFUM



DISTRIBUTION	United States – Northern states, East of Montana.
HOSTS	Preferred hosts are balsam fir and white spruce.
DESCRIPTION	
ADULT	Grayish with dark brown markings.
LARVAE	Yellow-green and about 2mm in length, becoming dark brown and approximately 2.5cm in length.
EGGS	Light green, approximately 1mm in length.
LIFE HISTORY	One generation per year. Caterpillars overwinter and emerge in the spring and begin to feed on flower buds and older needles. As they mature, they prefer to feed on new foliage. Females lay about 200 eggs in masses of 20 eggs.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	E,11-14Ald and Z11-14Ald on grey septum. Field life: thirty (30) days. 
TRAP TO USE	Uni-Trap 
MONITORING STRATEGY	Traps should be hung in the lower crown of trees that are 30 feet or more in height. The outer branches on clumps of trees are also acceptable sites for traps. Do not hang traps in dense foliage or in thickets. Traps should be a minimum of 75 feet from the road.
CULTURAL & PHYSICAL CONTROL	Early harvesting.

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Alpha Scents, Inc., 1089 Willamette Falls Drive, West Linn, OR 97068
TEL: 503-342-8611 • FAX: 314-271-7297 • sales@alphascents.com • www.alphascents.com