

Knot Weed Info Webinar given by Randy Prostak – UMASS Extension Weed Specialist 7/30/20

Japanese Knotweed is NOT a grass – same family as rhubarb and buckwheat

Means of reproduction – Vegetatively propagated by rhizomes

- Mowing/shredded leaf and stem materials even less significant to produce new growth
- Carbohydrate starvation – prevents photosynthesis – depletes stored energy for rhizomes – 3-5 years or 5-7 years if mature crop
- Lives in wet soils

Means to control knotweed (non-chemical)

- Try to smother with black plastic or cardboard
- Spring cut to ground: (Cut to ground in late May to early June)
 - Remove previous year dry stems
 - Remove some plant energy
 - Shorter height as treatment time

Japanese knotweed management without herbicide is very difficult!

- Disturbance (of soil and leaf-litter layer) is major factor in invasive plant establishment!
- Use glyphosate (herbicide- Ex. Round up) - after flowering – late summer (NOT approved for use near water!) Reduces the effects on bees -