

Management Think Sheet

You will be writing a 1 to 2 page paper on invasive plant control methods. Your paper should consist of your responses to the following questions and scenarios. Please use proper paper format.

- What are the pros of mechanical, biological, chemical, and integrated control methods?
- What are the cons of mechanical, biological, chemical, and integrated control methods?

Think back to the story about the introduction of spotted knapweed from the 'Plant Invasion' activity. Imagine you are the land manager responsible for controlling these plants in the forest. Your task is to give a brief description of what methods you would consider for controlling the spotted knapweed. For this assignment, assume the knapweed has grown and spread along the trails for several miles.

- Explain what some of your options would be for managing the knapweed under the prevention, chemical, mechanical, and biological control methods in a public forest. For each control method, explain its advantages and disadvantages.
- Come up with a general *integrated weed management* program for reducing and managing the spotted knapweed. The following documents provide information on integrated weed management plans, spotted knapweed biology, and successful spotted knapweed control methods: "Control Methods", "Spotted Knapweed Study", and "Spotted Knapweed Management." You might not be able to incorporate all of your control methods into your program. Though specific dates or months are not needed in your program description, you will need to discuss the steps in a specific order and explain why the steps make sense in the order in which they were described.