

## Daily Field Monitoring Record

Name of Monitor:		Date:	Time:	
Planting Date:		Air Temperature:	Soil Temperature*	
Crop Emergence Date:		Soil Moisture:	✓	Area 1:
Field Condition:		Wet	Area 2:	
Fertilizer Application(s):		Moist	Area 3:	
Date(s) and Rates		Dry	Area 4:	
		Crop Condition	Date/Amt Watered	
		Date Emerged:		
		Date to pre- boot**		
Weeds Present***		Date to boot		
	Dandelion	Date to flowering		
	Non crop grasses	Date Harvested		
	Thistle	Crop Health	Pesticide Applied	
	Daisy	<b>Insects</b>	# Present	
	Knapweed	Aphid		
	Orange Hawkweed	Leaf Hopper		
	Hawksbeard	Spider Mite		
	Garlic Mustard	Thrips		
	Bird Vetch	Larvae		
	Common Toadflax	Other		
	Splitlip Hempnettle	<b>Leaf Condition</b>	# Present	
Action Taken:		Holes		
Removed when detected		Spots		
Sprayed with herbicide		Color: (Row number)	Green	Yellow
No action				Brown

### Things to do:

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See tab 'Instructions' at the bottom of this excel file.

\* You must have a **soil** thermometer

\*\* See page 2 for definition

\*\*\* Reference 'Selected Invasive Plants of Alaska' R10-TP-130B 2009

See AK DEC Pesticide Control for pesticide application. website: <http://www.dec.alaska.gov/eh/pest/index.htm>

### Suggested Uses:

On your daily walk through your fields, make notes on what you observe. Be sure to record the date and temperature.

\*\*'Boot stage' is the stage of growth in the grass plant that indicates it is preparing to set flowers. As this stage progresses, you will observe a swelling in the stem. This stage is considered 'pre-boot'. As the plant continues to grow, the swelling will continue until the flower buds emerge from the stem. This stage is called 'boot'. The flower buds will continue to mature into flowers and will be pollinated by insects and wind. Typically, the seed will mature within 4-6 weeks from flowering.

These dates are very important. After several years, you will see a trend in your crops and you will be able to anticipate when maturity will occur and can plan your activities accordingly.

Please remember that a newly seeded crop will not reach boot stage in the same year. Most current-year seeded crops will not be ready to harvest until they have been growing for two to three seasons.