

Herbicide Project Submission Checklist (for final plan)

Operator (incl. company division): _____
 Submission Date: _____
 Program Year: 20____

For SRD Use Only:
 Date Received by SRD: _____
 Expected Date of Review Completion: _____
 SRD Reviewer: _____

1.0 "Go Slow" Operational Status (for this Program Year) Yr 1, <100 ha Yr 2, 100-300 ha Yr 3, 300-700 ha Yr 4+, 700 ha +

Proposed Area (ha): Aerial _____ Ground _____ Area(s) acceptable relative to "go slow" curve? Yes No (5.5)

Treatment History - herbicide programs completed in last 4 years:

	Area (ha)			# Openings			Monitored/Checked			
	Aerial	Ground	TOTAL	Aerial	Ground	TOTAL	Area (ha)	%	# Openings	%
20 06										
20 05										
20 04										
20 03										

Name of person(s) supervising spray program: _____

Does this person(s) have the experience to adequately supervise and minimize risk, regardless of the "go-slow" status of the operator?

(Consider ground vs. aerial experience, size of programs supervised, number of personnel/aircraft supervised, etc.) Yes No

Comments on experience of person(s) supervising program: _____

2.0 Off-Target Application (Excursion) History - number of excursions by type in last 4 years

	Water*	NDZ**	Other	TOTAL	Extent (ha)**
20 06					ha to ha
20 05					ha to ha
20 04					ha to ha
20 03					ha to ha

*Water includes application into open bodies of water

**No Deposit Zone violations (i.e. application closer than the minimum required distance from open bodies of water)

***Range of OTA (excursion) sizes, smallest to largest (e.g. 0.2ha to 6.3ha)

3.0 Plan Components Included with Submission

Treatment Objective: Stand Tending (ST) Site Preparation (SP) Crop Tree Thinning (CT) (5.1.5)

Treatment Timing: Program start date: _____ Program end date: _____ (5.1.5)

Program Type: Operational Research (5.1.5)

Treatment Method: (5.1.5)
 Aerial Ground
 broadcast (disk core or air induction) (AD) backpack broadcast (BB) basal bark (stem based) (RS)
 broadcast (Accuflow or TVB) (AP) backpack patch (BP) stem injection (SI)
 highlight (disk core or air induction) (HD) ground (mechanical) broadcast (GB) cut surface (CS)
 highlight (Accuflow or TVB) (HP) basal bark (area based) (RB)

Chemical & Rate: (5.1.5)

	Active Ingredient				Trade Name	PCP#	L/ha
<input type="checkbox"/>	Glyphosate	Triclopyr	Imazapyr	Other (research)			
<input type="checkbox"/>	Glyphosate	Triclopyr	Imazapyr	Other (research)			
<input type="checkbox"/>	Glyphosate	Triclopyr	Imazapyr	Other (research)			
<input type="checkbox"/>	Glyphosate	Triclopyr	Imazapyr	Other (research)			
<input type="checkbox"/>	Glyphosate	Triclopyr	Imazapyr	Other (research)			

Project Details:

- a. Treatment purpose: conifer release/site prep, operational/research, control of specific competition, review of alternative treatments (5.1.1)
- b. Table of opening details: opening number, total area, treatment area, current (approved) reforestation landbase designation (strata) (5.1.2)
- c. Identify openings where herbicide has been previously applied & rationale for repeated application (5.1.2)
- d. List waterbodies, classifications & buffer requirements (5.1.2)
- e. Description of sensitive areas & protection requirements (e.g. mineral licks, soil slumping, trap lines, specific habitat, etc.) (5.1.2)
- f. Maps - the following items are included on maps/aerial photos no larger than 1:20,000: (e.g. 1:50,000 would NOT be acceptable) (5.1.2)
 - i. target areas if part of block, areas of special method, "no treatment" zones or req'd. buffers for sensitive areas, wildlife/fisheries/biodiversity & stakeholders (5.1.2 & 5.1.3)
 - ii. "no deposit zones" & additional buffers for waterbodies & watercourses (small permanent & intermittent) (5.1.2)
 - iii. location of potential mix/load sites (5.1.2)
- g. General description of competing vegetation, crop trees & competitive interaction (e.g. prescription rationale) (5.1.2)
- h. Table (block by block description) - treatments, methodology (air/ground), rates, timing (season or start date), special features (e.g. sensitive areas) (5.1.5)

Public Involvement Program (PIP):

- a. Is the proposed herbicide program greater than 20 ha? No Yes If yes, a Public Involvement Program (PIP) is required. (5.1.6)
- b. Copies of ads/letters for proposed program - min. 1 week prior to PIP event; incl. date/time/location, "herbicide program" area/location & method/timing, contact info (5.1.6.1)
- c. Provide evidence of notification to SRD regarding PIP - min. 2 weeks prior to PIP event incl. date & location (5.1.6.1)
- d. Describe public concerns raised & provide evidence of having addressed/mitigated those concerns (5.1.6.1)
- e. Provide evidence (copies) of advertisements (& letters to stakeholders if needed) regarding notification of approved herbicide program & commencement dates (5.1.6.2)

Consultation with Overlapping Tenure Holders:

- a. Provide evidence (copies) of notification to overlapping tenure holder(s) of proposed herbicide program with contact info, etc. for feedback (5.1.7)
- b. Describe tenure holder concerns raised & provide evidence of having reasonably addressed those concerns (5.1.7)
- c. Provide evidence (copies) of notification to overlapping tenure holder(s) of approved herbicide program & commencement dates (5.1.7)

Wildlife, Fisheries, Watershed & Biodiversity Objectives:

- a. Identify special features such as den sites, mineral licks, fish bearing streams & sensitive habitat (include in maps - see Description of Treatment Area/Location e.(i) above) (5.1.3)
- b. Describe wildlife, fisheries, watershed & biodiversity objectives as related to vegetation management (herbicide) plan (5.1.3)
- c. Describe harvesting, operational ground rules & local FWD management objectives as related to vegetation management (herbicide) plan (5.1.3)
- d. Describe specific strategies for landscape/stand structure, live tree & lesser vegetation retention that will be used to meet objectives in (b.) & (c.) (5.1.3)

Reporting & Monitoring Plan:

- a. Ensure that the previous year's Herbicide Program Summary Report has been completed and submitted on time (Appendix V or via ARIS) (5.2.1)
- b. Ensure that the previous year's Herbicide Excursion Auditing Report has been (or will be) completed and submitted on time (Appendix IV) (5.2.3)
- c. Ensure that any associated Herbicide Excursion Reporting Forms have been (or will be) completed and submitted with (b.) (Appendix III) (5.2.2)
- d. Describe the Monitoring Plan (% of blocks, sampling method & "checking" methods) to be carried out for this year's program (5.1.4.1)
 - i. Sampling intensity Year 1 - 100% Year 2 - min. 50% Year 3 - min. 25% Year 4+ - min. 10% Other _____%
 - ii. Sampling method **Selection by:** PLFD Operator **Method:** Random Identified Risk Suspected problem
 - iii. "Checking" method Aerial Ground

Risk Management Provisions:

- a. Identify & evaluate typical (standard) operational risks (e.g. wind, RH, spray equipment, etc.) (7.0)
- b. Describe operational risk management procedures*; may reference stand-alone, current "Standard Operating Procedures" (7.0)
- c. Describe additional risk management procedures for unique situations or where not addressed by "Standard Operating Procedures" (7.0)

* risk management procedures (or SOPs) must include: communications protocols, roles/responsibilities, weather thresholds (temp, RH, windspeed, etc.), buffers (when, where, size & markings [bags, flags, etc.]), use of technology (GPS, nozzle types, etc.)

4.0 Validation of Submission

I do hereby declare that the information provided in this checklist and the accompanying herbicide plan submission is accurate and complete, and that the herbicide plan submission has been prepared in accordance with the current version of the Forest Management Herbicide Reference Manual.

Signed: _____ Print: _____ Registration #: _____ Date: _____