



MISTER ROGERS DIDN'T
EFFECTIVELY PREPARE
ME FOR THE PEOPLE
IN MY NEIGHBORHOOD



“You were right—I do feel more productive standing.”



Auto Magic

AUTO PARTS TIRES
WHEELS ACCESSORIES

**THANKS TO YOUTUBE
MECHANICS
OUR SHOP IS ALWAYS FULL**

Occupy the site with seedlings as soon as you can after harvesting (but may be not in the fall. I do not like planting Douglas-fir in the fall)

- Planning is the key to successful reforestation in CWH ds1
- Often planning turns out to be luck, but you got to be good to be lucky
- When markets are good, you can always count on harvesting timber in the winter and spring
- When markets are bad you can almost always count on harvesting Douglas-fir and Cedar in the winter or spring if the timber is available and in permit
- So plan for it because it almost always happens.

- Planning equals sowing requests
- Always sow for low elevation Douglas-fir and Western Red Cedar
- Always sow for more than you require
- You will rarely get burned
- If you do not need the seedlings, good chance somebody else will
- Somebody will always require seedlings for Fill plants and Replants

It all starts with seeds

Wild stand collections and Seed Orchard Seed











Seedling Quality and Vigour



Stock Handling



Monitor

- CWH ds1:
- All blocks walked during the spring of planting and the fall after planting
- Regeneration survey 2 growing seasons after planting
- Brushing survey 2, 3, 4, 5, growing seasons after planting
- “The only way to control birch in Douglas-fir second growth stands is with Eternal Vigilance.” Brian D.

Brushing

- Manual Community Watersheds, Pesticide Free Zones, Riparian Areas, and Public Sensitive Areas
- Herbicide Treatment: Backpack Spot Treatments, Basal Bark Applications
- You may need to conduct a broadcast herbicide treatment as a site preparation
- Proactive brushing treatments

Costs

- For comparison only...
- CWH ds1 are valued for the ability to harvest low elevation timber in the winter and early spring
- Sometimes a benefit to timber prices at this time
- Sometimes loggers just want to log
- It all comes with a price

- Overall harvest program for the year:
- 80 % in areas we have good successes with reforestation
- 20 % in areas where we have to earn our salary
- Usually the 20 % is in the CWH ds 1 zone, subzone, variant, site series
- Rock, more rock, drought prone south aspect hillsides, big leaf maple, birch, alder, red osier dogwood, thimble berry.....
- Root die back

- Of the 20%:
- 10% (50 % of the 20 %)
- Plant, Fill Plant, Brushing, Brushing, Surveys
- 5% (25 % of the 20 %)
- Plant, Replant, Fill plant, Brushing, Brushing, Brushing, Surveys
- 5% (25 % of the 20 %) Same as above but we most likely are going towards a Reduced Minimum Stocking Standard or a Forest Planning and Practices Regulation Section 97.1 Not Practicable declaration

Cost Comparison

- 80% Plant, maybe a few fill plants, some brushing, and surveys
 - 1 000 600 1 000 200
 - +/- \$2 200 / ha with 500 cubic metres
 - \$4.4/cubic metres
- 10%
- Plant, Fill Plant, Brushing, Brushing, Surveys
- 1 000, 600, 1 000, 1000, 200
- +/- \$3 800 / ha with 500 cubic metres
- \$7.6 / cubic metres

Cost Comparison continued

- 5% (25 % of the 20 %)
 - Plant, Replant, Fill plant, Brushing, Brushing, Brushing, Surveys
 - 1 000, 1 000, 500, 1 000, 1000, 1 000, 200
 - +/- \$5 700 / ha with 500 cubic metres
 - \$11.4 / cubic metres
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- 5% (25 % of the 20 %) Same as above with a less desirable result

Cost Comparison continued

- So:
 - 80 % of our harvesting is costing \$4.4 / cubic metres
 - 10 % of our harvesting is costing \$7.6 / cubic metres
 - 5 % of our harvesting is costing \$11.4 / cubic metres
 - 5 % of our harvesting is costing \$11.4 / cubic metres (less desirable result)
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- Blended Silviculture Cost = $0.8*4.4+0.1*7.6+0.05*11.4+0.05*11.4$
 - = \$5.42 / cubic metres

What does this mean?

- We pay more to reforest CWH ds 1 sites
- However, the CWH ds 1 silviculture costs are blended into the entire years harvesting program
- The benefits of harvesting CWH ds 1 sites usually make up for the extra silviculture costs, otherwise, why would we be harvesting here?
- Eg: early year harvesting, timber profile, timber value, cash flow, cash flow, cash flow

Let us have a look















"When your only tool is a trebuchet, every problem looks like a siege."



"Make it look like natural selection."















































Prompt reforestation
Monitor, monitor, monitor
Proactive brushing treatments





"In the end, Ed, most of us are carried along by our delusions."