

KiDrone Aerial Seeding Pilot Notes – Fall 2023

Four calibrations required for projects:

Cranbrook CBK0036 (546 grams per 10,000 seeds)

Cranbrook CBK0035-PU1 (767 grams per 10,000 seeds)

Cranbrook CBK0035-PU2 (604 grams per 10,000 seeds)

Fort St John Blocks 21106 and 08081 (318 grams 10,000 seeds)

Cranbrook Blocks

(All blocks flown Double Overlap to achieve application rate.)

CBK0036 - 8.5 Hectares applied.

CBK0035-PU1 - 11 Hectares applied.

CBK0035-PU2 - 9.5 Hectares applied.

Block CBK0035 (both) - higher elevation, steep side hill only able to spray downhill on the higher section.

Needed to land between block applications, to set new application rates, since each block's seed weight was different.

Weather for all blocks: - light Breeze (2-3 knots) out of the south

- minus 10 degrees Celsius

- light dusting of snow (1cm max.) in sections of blocks

- no rain during application

Fort St John Blocks

(Both blocks flown with Single Pass application (minimal overlap).)

Flown out of Pink Mountain (blade on/off location).

Block 08081 - 20 hectares applied.

Block with lots of narrow fingers, application took longer than usual, as A-B swathing could not be setup.

Block 21106 - 5 Hectares applied.

Weather for both blocks - light Breeze out of the south

- plus 4 degrees Celsius

- no snow in blocks

- no rain during application