



Ministry of Forests, Lands, and Natural Resource Operations
Seed Planning and Registry System
Seedlot Detail Report

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Seedlot: 00424

REPORT PARAMETERS

Seedlot Number(s): 00424 09565

| | | | | | | | |
|----------------------------------|---|--------------------------|---|---------------------------|---|-------------------------|---|
| Owners Section Req: | Y | Extraction Section Req: | Y | Storage Section Req: | Y | Heritage Section Req: | Y |
| Tests Section Req: | Y | Commitments Section Req: | N | Transactions Section Req: | N | Collection Section Req: | Y |
| Area of Use History Section Req: | Y | | | | | | |

GENERAL CHARACTERISTICS

| | | | |
|----------------------|---------------------------|---------------------------|---------------------------|
| Seedlot Number: | 00424 | Registered: | Yes - 1992-11-30 - Active |
| Species: | FDC - coastal Douglas-fir | | |
| Genetic Class/Worth: | B | Collection Year: | 1959 |
| Trees/Gram : | 32 | Potential Trees ('000s) : | 1,177.5 |
| | | Total Seed (grams): | 36,656 |
| Comments: | | | |

SOURCE INFORMATION

| | | | |
|-----------------------------|-----------------|------------------|--------------|
| Location: | HILL 60-LO | Heritage: | Yes |
| Seed Planning Zone: | M | Geographic Area: | |
| Elevation: Mean/Min/Max (m) | 610 / 610 / 610 | | |
| Latitude: | 48° 49' 00" | Longitude: | 123° 56' 00" |
| BEC Zone/Subzone/Variant: | CWH xm 2 | | |

AREA OF USE

| | | | |
|--------------------------|---------------------------|--------------------------|----------|
| Seed Planning Zone(s): | M Maritime | | |
| Elevation Range: Min-Max | 260 - 960 | | |
| Latitude Range: Min-Max | 48° 00' 00" - 51° 49' 00" | Longitude Range: Min-Max | No Limit |
| Area of Use Comment: | | | |



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OWNER AGENCY/AMOUNTS

| Agency | Name | Committed | Reserved Available | Committed | Surplus Available |
|---------|--|-----------|--------------------|-----------|-------------------|
| | | (grams) | (grams) | (grams) | (grams) |
| MOF | 01 MINISTRY OF FORESTS | 0 | 10,288 | 20 | 26,348 |
| DDU | 00 DISTRICT MANAGER DUNCAN (DDU) | 0 | 0 | 0 | 0 |
| DSI | 00 DISTRICT MANAGER SOUTH ISLAND (DSI) | 0 | 0 | 0 | 0 |
| TWFCORP | 06 TIMBERWEST FOREST COMPANY | 0 | 0 | 0 | 0 |
| Totals: | | 0 | 10,288 | 20 | 26,348 |

COLLECTION/LOCATION

Collection Start Date: 1959-09-03 Collection End Date: 1959-09-03
Collector: DDU 00 DISTRICT MANAGER DUNCAN (DDU)
Collection Method: 04 Climbing
Trees Collected From: 3 More than 50 trees Collected Volume (hl): 306.60 Original Balance: 257,070
Collection Source: B2 Pre-selected natural stands

EXTRACTION INFORMATION

Date: 1959-11-03 Extracted (hl): 306.60 Extracted (grams): 257,070 Seedlings/Hectolitre: 26,934
Facility: MOF 01 MINISTRY OF FORESTS
C/O TREE SEED CENTRE
SURREY

STORAGE INFORMATION

Name: MOF 00 MINISTRY OF FORESTS
Address: TREE SEED CENTRE
SURREY

HERITAGE

Parent Seedlot(s):
Child Seedlot(s): 04505

TEST RESULTS



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Latest Test Results: Seeds/Gram: 106 Moisture: 7.5 % Purity: 98.4 % PV: 58 / 12
Preferred Germination: Test Date: 2022-05-04 Germ: 85 % Type: G10 24hr Soak, 21dy Strat, 21dy Count

GERMINATION TESTS

| Date | Type | Description | Percentage | PV | Rank |
|------------|------|-----------------------------------|------------|---------|------|
| 2022-05-04 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 85 | 58 / 12 | A |
| 2018-03-02 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 83 | 58 / 10 | A |
| 2010-02-03 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 82 | 73 / 12 | A |
| 2005-02-16 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 82 | 72 / 12 | A |
| 1999-05-28 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 87 | 68 / 10 | A |
| 1991-03-27 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 89 | | A |
| 1990-04-18 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 89 | | A |
| 1988-04-29 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 87 | | A |
| 1982-05-11 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 84 | | A |
| 1979-11-16 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 90 | | A |
| 1977-03-01 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 88 | | A |
| 1975-06-20 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 76 | | A |
| 1970-02-27 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 85 | | |
| 1967-09-01 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 89 | | |
| 1965-05-21 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 79 | | |
| 1962-05-05 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 86 | | |
| 1960-05-05 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 87 | | |
| 1959-04-04 | G10 | 24hr Soak, 21dy Strat, 21dy Count | 87 | | |

OTHER TESTS

| Date | Type | Description | Result |
|------------|------|---------------------------------|--------|
| 2009-12-15 | SPG | Number of seeds per gram weight | 106.0 |
| 1992-06-24 | FUS | Fusarium fungal assay test | 0.2 |
| 1990-04-18 | SPG | Number of seeds per gram weight | 107.0 |
| 1990-02-27 | PUR | Percentage pure seed by weight | 98.4 |



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| | | | |
|------------|-----|--|-------|
| 1990-02-27 | SPG | Number of seeds per gram weight | 107.0 |
| 1988-04-29 | SPG | Number of seeds per gram weight | 107.0 |
| 1988-03-22 | PUR | Percentage pure seed by weight | 98.4 |
| 1988-03-22 | SPG | Number of seeds per gram weight | 107.0 |
| 1982-05-11 | PUR | Percentage pure seed by weight | 98.3 |
| 1982-05-11 | SPG | Number of seeds per gram weight | 107.0 |
| 1979-11-16 | SPG | Number of seeds per gram weight | 107.0 |
| 1977-03-01 | SPG | Number of seeds per gram weight | 107.0 |
| 1975-06-20 | SPG | Number of seeds per gram weight | 107.0 |
| 1970-02-27 | SPG | Number of seeds per gram weight | 107.0 |
| 1967-09-01 | SPG | Number of seeds per gram weight | 107.0 |
| 1965-05-21 | SPG | Number of seeds per gram weight | 107.0 |
| 1962-05-05 | SPG | Number of seeds per gram weight | 107.0 |
| 1960-05-05 | MC | Moisture content expressed as a percentage | 7.5 |
| 1960-05-05 | PUR | Percentage pure seed by weight | 98.5 |
| 1960-05-05 | SPG | Number of seeds per gram weight | 107.0 |
| 1959-04-04 | MC | Moisture content expressed as a percentage | 8.0 |
| 1959-04-04 | PUR | Percentage pure seed by weight | 98.1 |
| 1959-04-04 | SPG | Number of seeds per gram weight | 107.0 |

AREA OF USE AND GENETIC WORTH HISTORY

| Date Modified | Elevation | Latitude Range | Longitude Range | Seed Planning Zone(s) | BEC Zone | BEC Subzone | Variant | Genetic Worth |
|---------------------|-----------|---------------------------|-----------------|-----------------------|----------|-------------|---------|---------------|
| 2005-01-05 09:51:46 | 260 - 960 | 48° 00' 00" - 51° 49' 00" | No Limit | M | CWH | xm | 2 | |



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GENERAL CHARACTERISTICS

Seedlot Number: 09565
Species: HW - western hemlock
Genetic Class/Worth: B
Trees/Gram : 128 **Potential Trees ('000s) :** 69.8
Registered: Yes - 1992-11-30 - Active
Collection Year: 1987
Total Seed (grams): 546
Comments:
UPDATED TO BECV10

SOURCE INFORMATION

Location: SIWASH CLONE BANK
Seed Planning Zone: M
Elevation: Mean/Min/Max (m) 300 / 300 / 300
Latitude: 49° 45' 00"
BEC Zone/Subzone/Variant: CWH xm 2
Heritage: No
Geographic Area: VI
Longitude: 126° 05' 00"

AREA OF USE

Seed Planning Zone(s): M Maritime
Elevation Range: Min-Max 1 - 600
Latitude Range: Min-Max 48° 00' 00" - 52° 45' 00"
Longitude Range: Min-Max No Limit
Area of Use Comment:

OWNER AGENCY/AMOUNTS

| Agency | Name | Reserved | | Surplus | |
|---------|------------------------------------|----------------------|----------------------|----------------------|----------------------|
| | | Committed (grams) | Available (grams) | Committed (grams) | Available (grams) |
| WFPL | 03 WESTERN FOREST PRODUCTS LIMITED | 0 | 0 | 0 | 0 |
| WFPL | 10 WESTERN FOREST PRODUCTS LIMITED | 0 | 0 | 0 | 0 |
| CPFP | 00 AVENOR INC. | 0 | 0 | 0 | 0 |
| PFP | 03 PACIFIC FOREST PRODUCTS LIMITED | 0 | 0 | 0 | 0 |
| WFPI | 03 WESTERN FOREST PRODUCTS INC. | 0 | 0 | 0 | 0 |
| WFP | 11 WESTERN FOREST PRODUCTS INC. | 0 | 0 | 5 | 541 |
| Totals: | | 0 | 0 | 5 | 541 |



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COLLECTION/LOCATION

Collection Start Date: 1987-10-19 **Collection End Date:** 1987-10-20
Collector: CFPF 00 AVENOR INC.
Collection Method: 04 Climbing
Trees Collected From: 3 More than 50 trees
Collection Source:
Collected Volume (hl): 0.85 **Original Balance:** 560

EXTRACTION INFORMATION

Date: 1988-01-01 **Extracted (hl):** 0.85 **Extracted (grams):** 560 **Seedlings/Hectolitre:** 84,256
Facility: WTS 00 WESTERN TREE SEEDS LTD.
5290 - 11TH ST NE
SALMON ARM

STORAGE INFORMATION

Name: MOF 00 MINISTRY OF FORESTS
Address: TREE SEED CENTRE
SURREY

HERITAGE

Parent Seedlot(s):
Child Seedlot(s):

TEST RESULTS

Latest Test Results: **Seeds/Gram:** 422 **Moisture:** 5.6 % **Purity:** 99.1 % **PV:** 63 / 14
Preferred Germination: **Test Date:** 2022-11-02 **Germ:** 86 % **Type:** G31 24hr Soak, 28dy Strat, 28dy Count

GERMINATION TESTS

| Date | Type | Description | Percentage | PV | Rank |
|------------|------|-----------------------------------|------------|---------|------|
| 2022-11-02 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 86 | 63 / 14 | A |
| 2019-04-05 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 84 | 72 / 17 | A |
| 2011-03-04 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 81 | 77 / 14 | A |
| 2011-03-04 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 81 | 77 / 14 | A |



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| | | | | | |
|------------|-----|-----------------------------------|----|---------|---|
| 2008-12-17 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 74 | 58 / 14 | A |
| 2008-12-17 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 74 | 58 / 14 | A |
| 2005-04-22 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 84 | 75 / 14 | A |
| 2005-04-22 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 84 | 75 / 14 | A |
| 2002-11-25 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 77 | 73 / 16 | A |
| 2002-11-25 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 77 | 73 / 16 | A |
| 2000-08-02 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 84 | 79 / 16 | A |
| 2000-08-02 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 84 | 79 / 16 | A |
| 1998-04-15 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 89 | 80 / 14 | A |
| 1998-04-15 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 89 | 80 / 14 | A |
| 1988-01-06 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 95 | | A |
| 1987-12-03 | G31 | 24hr Soak, 28dy Strat, 28dy Count | 0 | | |

OTHER TESTS

| Date | Type | Description | Result |
|------------|------|--|--------|
| 2011-01-06 | SPG | Number of seeds per gram weight | 422.0 |
| 1988-01-06 | SPG | Number of seeds per gram weight | 440.0 |
| 1987-12-03 | MC | Moisture content expressed as a percentage | 5.6 |
| 1987-12-03 | PUR | Percentage pure seed by weight | 99.1 |
| 1987-12-03 | SPG | Number of seeds per gram weight | 440.0 |

AREA OF USE AND GENETIC WORTH HISTORY

| Date Modified | Elevation | Latitude Range | Longitude Range | Seed Planning Zone(s) | BEC Zone | BEC Subzone | Variant | Genetic Worth |
|---------------------|-----------|---------------------------|-----------------|-----------------------|----------|-------------|---------|---------------|
| 2005-02-25 05:05:24 | 1 - 600 | 48° 00' 00" - 52° 45' 00" | No Limit | M | CWH | | | |
| 2020-06-25 15:47:42 | 1 - 600 | 48° 00' 00" - 52° 45' 00" | No Limit | M | CWH | xm | 2 | |

