Colorado CROP
ROMs
(Resource Offering Maps)

August 2006

Prepared by:

Catherine M. Mater
Mater Engineering, Ltd.
101 SW Western Blvd.
Corvallis, Oregon 97333
Tel: 541-753-7335 Fx: 541-752-2952
mater@mater.com
www.mater.com

Colorado CROP
ROMs

August 2006

Table of Contents

Page

Colorado All Agencies 6

All Agencies Location Map 7

NEPA Overviews 8

NEPA All Agencies 8

Medicine Bow/Routt NF: (Brush Creek/Hayden RD, Laramie RD Hahns Peak/Bears Ear RD, Parks RD, Yampa RD) 9-10

Arapaho-Roosevelt NF: (Clear Creek RD, Sulphur RD, Canyon Lake RD, Boulder RD) 11-12

White River NF: (Aspen/Sopris RD, Dillon RD, Holy Cross/Eagle RD, Blanco RD, Rifle RD) 13-14

Pike NF: (Pikes Peak RD, South Platte RD, South Park RD) 15-16

CO-BLM: (Royal Gorge Dist., White River Dist., Little Snake Dist. Glenwood Springs Dist., Kremmling Dist.) 17-18

San Isabel NF: (Leadville RD, Salida RD) 19

Grand Mesa, U & G NF: (Grand Valley RD, Gunnison RD, Paonia RD) 20-21

WY-BLM: (Rawlins Dist.) 22

ROMs by Species 23

a) **Lodgepole Pine Overview** 24

b) Lodgepole Pine Location Map 25

c) Diameter by Year 26

d) Source Specific:

CO-BLM: (Royal Gorge Dist., Little Snake Dist., Glenwood Springs Kremmling Dist.) 27-29

WY-BLM: (Rawlins Dist.) 30

WY-SFD 30

Arapaho-Roosevelt NF: (Clear Creek RD, Sulphur RD Canyon Lakes RD, Boulder RD) 31-33

Grand Mesa, U & G NF: (Gunnison RD) 34

Medicine Bow/Routt NF: (Brush Creek/Hayden RD, Laramie RD, Hahns Peak/Bears Ear RD, Parks RD, Yampa RD) 35-39

San Isabel NF: (Leadville RD) 40

White River NF: (Aspen/Sopris RD, Dillon RD, Holy Cross/Eagle RD Blanco RD, Rifle RD) 41-45

Table of Contents (cont.)

Page

Lodgepole Pine (cont.)

CO Counties: (Jefferson County, Summit County) 46

CO-DNR: 47

a) **Ponderosa Pine Overview** 48

b) Ponderosa Pine Location Map 49

c) Diameter by Year 50

d) Source Specific:

CO-BLM: (Glenwood Springs Dist.) 51

WY-BLM: (Rawlins Dist.) 52

Arapaho-Roosevelt NF: (Clear Creek RD, Canyon Lakes RD, Boulder RD) 52-54

*Pike NF: (*Pikes Peak RD, South Platte RD, South Park RD) 55-57

San Isabel NF: (Leadville RD, Salida RD) 58-59

CO Counties: (Jefferson County) 60

CO-DNR 61

a) **Douglas Fir Overview** 62

b) Douglas Fir Location Map 63

c) Diameter by Year 64

d) Source Specific:

CO-BLM: (White River Dist.) 65

WY-BLM: (Rawlins Dist.) 65

Arapaho-Roosevelt NF: (Canyon Lakes RD) 66

Pike NF: (Pikes Peak RD, South Platte RD, South Park RD) 67-69

San Isabel NF: (Leadville RD, Salida RD) 70-71

CO Counties: (Jefferson County) 72

a) **Engelmann Spruce Overview** 73

b) Engelmann Spruce Location Map 74

c) Diameter by year 75

d) Source Specific:

Grand Mesa, U & G NF: (Gunnison RD, Paonia RD) 76

Medicine Bow/Routt NF: (Brush Creek/Hayden RD, Laramie RD, Hahns Peak/Bears Ear RD, Parks RD, Yampa RD) 77-81

White River NF: (Aspen/Sopris RD, Rifle RD) 82-83

CO-DNR 83

Table of Contents (cont.)

Page

a) **Aspen Overview** 84

b) Aspen Location Map 85

c) Diameter by Year 86

d) Source Specific:

Grand Mesa, U & G NF: (Grand Valley RD, Paonia RD) 87

White River NF: (Aspen/Sopris RD, Blanco RD, Rifle RD) 88-89

CO-DNR 89

a) **Subalpine Fir Overview** 90

b) Subalpine Fir Location Map 91

c) Diameter by Year 92

d) Source Specific:

Grand Mesa, U & G NF: (Gunnison RD, Paonia RD) 93

Medicine Bow/Routt NF: (Brush Creek/Hayden RD, Laramie RD Hahns Peak/Bears Ear RD, Parks RD, Yampa RD) 94-98

a) **Pinyon Pine/Juniper Overview** 99

b) Pinyon Pine/Juniper Location Map 100

c) Diameter by Year 101

d) Source Specific:

CO-BLM: (White River Dist., Kremmling Dist.) 102

CO-DNR 102

a) **Limber Pine Overview** 103

b) Limber Pine Location Map 104

c) Diameter by Year 105

d) Source Specific:

WY-BLM: (Rawlins Dist.) 106

a) **Pinyon Pine Overview** 107

b) Pinyon Pine Location Map 108

c) Diameter by Year 109

d) Source Specific:

WY-BLM: (Rawlins Dist.) 110

Table of Contents *(cont.)*

Page

a) **Juniper Overview** 111

b) Juniper Location Map 112

c) Diameter by Year 113

d) Source Specific:
CO-BLM: (Little Snake Dist.) 114

a) **Gambel Oak Overview** 115

b) Gambel Oak Location Map 116

c) Diameter by Year 117

d) Source Specific:
CO-BLM: (Glenwood Springs Dist.) 118

a) **Blue Spruce Overview** 119

b) Blue Spruce Location Map 120

c) Diameter by Year 121

d) Source Specific:
Pike NF: (Pikes Peak RD.) 122

a) **Other Conifers Overview** 123

b) Other Conifers Location Map 124

c) Diameter by Year 125

d) Source Specific:
CO-DNR 126

Colorado: <u>All Agencies</u> CROP offering '06 – '10
(gT = 273,726 / S = 279.1 / L = 128.12)

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

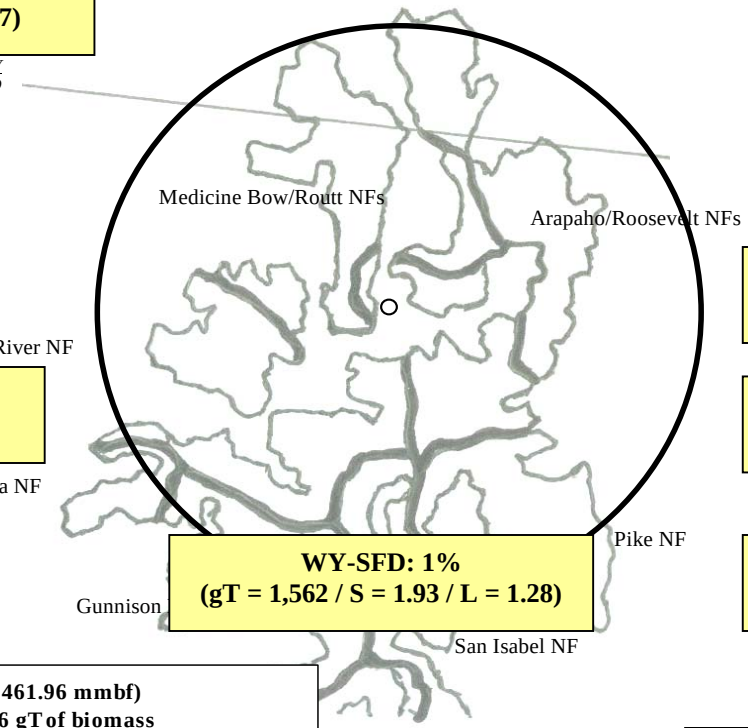
Medicine Bow/Routt NF: 5 RDs – 32%
(gT = 14,555 / S = 78.37 / L = 65.87)

White River NF: 5 RDs 19%
(gT = 43,600 / S = 57.8 / L = 21.85)

CO-Counties: 2 Counties 1%
(gT = 5,100 / S = 1.59 / L = .382

Grand Mesa NF: 3 RDs – 1%
(gT = 6,800 / S = 2.21 / L = 1.46)

CO-DNR: 10%
(gT = 0 / S = 22.62 / L = 22.62)



WY-SFD: 1%
(gT = 1,562 / S = 1.93 / L = 1.28)

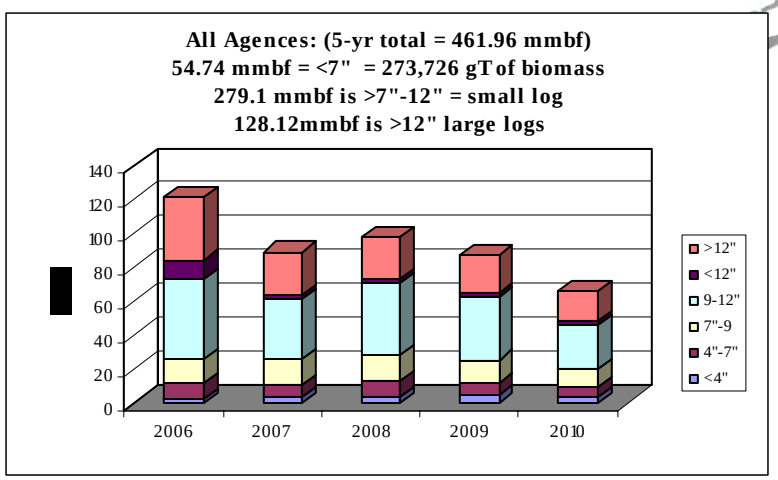
CO-BLM: 5 districts – 5%
(gT = 32,525 / S = 15.26 / L = 2.05)

WY-BLM: 1 district – 1%
(gT = 0 / S = 5 / L = 0)

Arapaho/Roosevelt NF: 4 RDs – 21%
(gT = 138,250 / S = 64.52 / L = 6.11)

Pike NF: 3 RDs – 6%
(gT = 21,484 / S = 19.966 / L = 3.329)

San Isabel NF: 2 RDs – 3%
(gT = 9,850 / S = 9.79 / L = 3.11



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	58181.25	72.63075	36.7465
2007	51245	53.13	25.56
2008	61005.5	60.74625	25.34075
2009	57531.75	53.536	22.3665
2010	45763	39.06275	18.10475
Totals	273726.5	279.10575	128.1185
%	12%	60%	28%
mmbf	54.7453		

MATER ENGINEERING, LTD.

All Agencies CROP offering '06 – '10
(gT = 273.726 / S = 279.1 / L = 128.12)

BLM:

A	Royal Gorge District (CO) (.41 mmbf)
B	White River District (CO) (4.15 mmbf)
C	Little Snake District (CO) (1.05 mmbf)
D	Glenwood Springs District (CO) (9.71 mmbf)
E	Kremmling District (CO) (8.496 mmbf)
F	Rawlins District (WY) (5 mmbf)

WY - SFD:

G	SFD (3.53 mmbf)

Arapaho/Roosevelt NF:

H	Clear Creek RD (1.28 mmbf)
I	Sulphur RD (60.3 mmbf)
J	Canyon Lakes RD (29.81 mmbf)
K	Boulder RD (6.89 mmbf)

Grand Mesa, U & G NFs:

L	Grand Valley RD (3.2 mmbf)
M	Gunnison RD (.23 mmbf)
N	Paonia RD (1.6 mmbf)

Medicine Bow/Routt NFs:

O	Brush Creek/Hayden RD (22 mmbf)
P	Laramie RD (26.08 mmbf)
Q	Hahns Peak/Bears Ear RD (15.46 mmbf)
R	Parks RD (53.85 mmbf)
S	Yampa RD (29.76 mmbf)

Pike NF:

T	Pikes Peak RD (6.54 mmbf)
U	South Platte RD (8.02 mmbf)
V	South Park RD (13.02 mmbf)

San Isabel NF:

W	Leadville RD (5.34 mmbf)
X	Salida RD (9.53 mmbf)

White River NF:

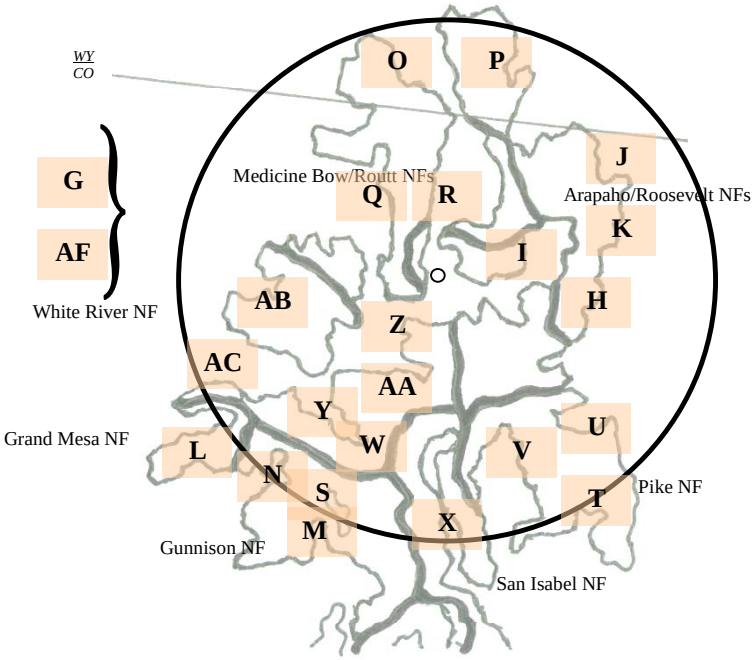
Y	Aspen/Sopris RD (7.15 mmbf)
Z	Dillon RD (35.68 mmbf)
AA	Holy Cross/Eagle RD (28.3 mmbf)
AB	Blanco RD (8.04 mmbf)
AC	Rifle RD (9.2 mmbf)

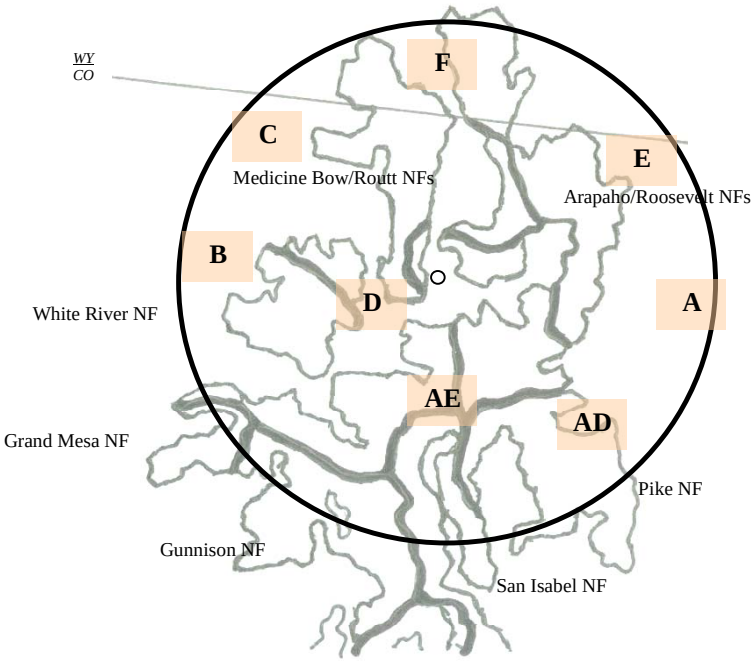
Colorado Counties:

AD	Jefferson Co. (2.826 mmbf)
AE	Summit Co. (.168 mmbf)

Colorado DNR:

AF	CO-DNR (45.324 mmbf)

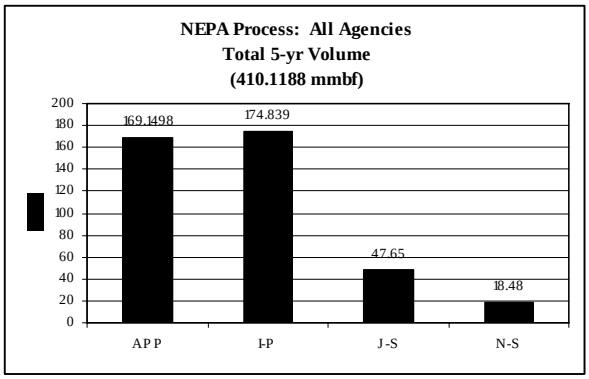


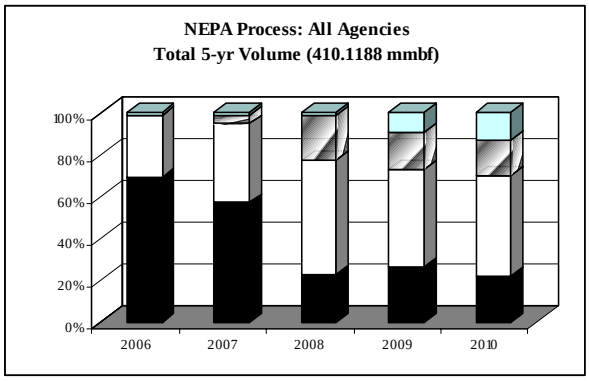


NEPA Overviews
(National Environmental Policy Act)

NEPA Process – All Agencies: Total 5-yr volume (410.1188 mmbf; includes gT as mmbf)

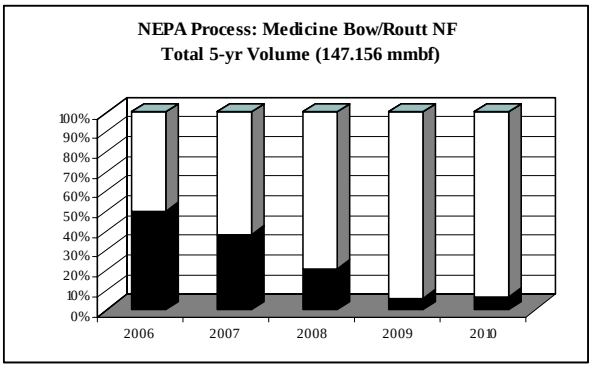
	mmbf	*% of total*
Approved	**169.1498**	**41%**
In process	**174.839**	**43%**
Just started	**47.65**	**12%**
Not started	**18.48**	**5%**





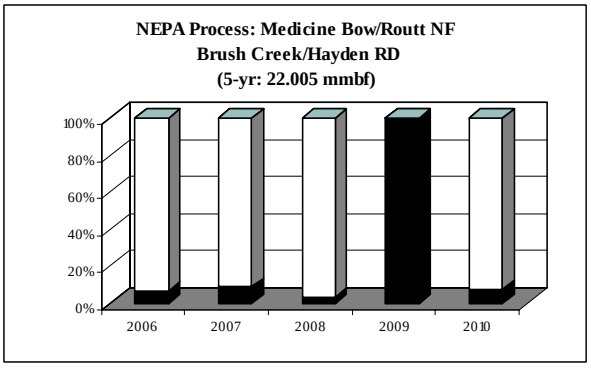
Medicine Bow/Routt NF: Total 5-yr volume (147.156 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**38.375**	**26%**
In process	**108.781**	**74%**
Just started	**0**	**0%**
Not started	**0**	**0%**



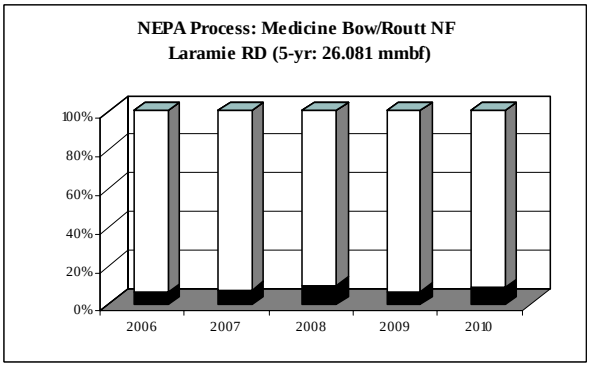
Medicine Bow/Routt NF – Brush Creek/Hayden RD: (22.005 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**1.6**	**7%**
In process	**20.405**	**93%**
Just started	**0**	**0%**
Not started	**0**	**0%**



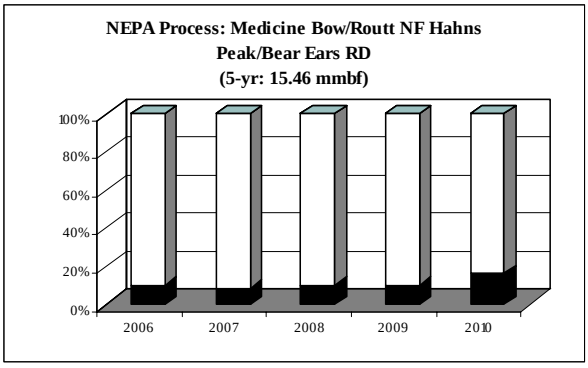
Medicine Bow/Routt NF – Laramie RD: (26.081 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**2**	**8%**
In process	**24.081**	**92%**
Just started	**0**	**0%**
Not started	**0**	**0%**



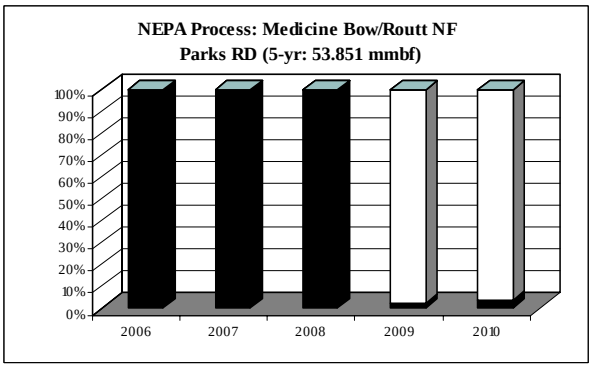
Medicine Bow/Routt NF – Hahns Peak/Bears Ear RD: (15.46 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**1.6**	**10%**
In process	**13.86**	**90%**
Just started	**0**	**0%**
Not started	**0**	**0%**



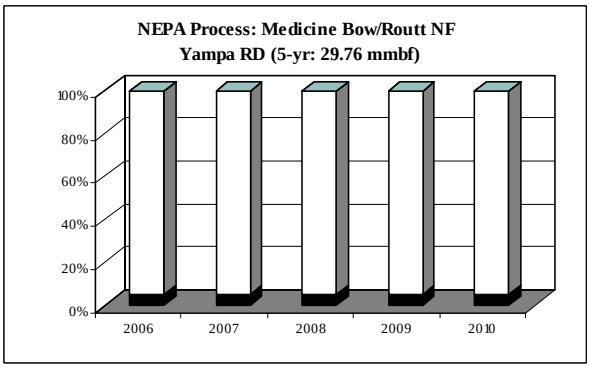
Medicine Bow/Routt NF – Parks RD: (53.851 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**31.576**	**59%**
In process	**22.275**	**41%**
Just started	**0**	**0%**
Not started	**0**	**0%**



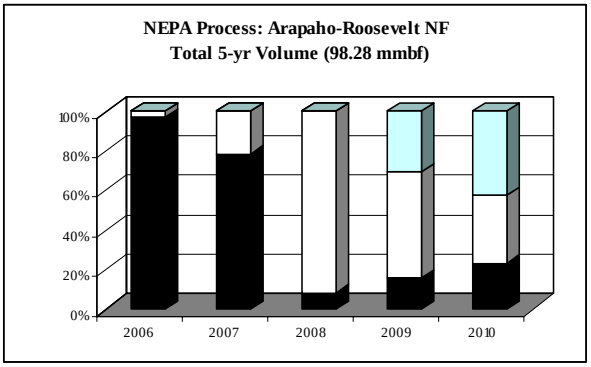
Medicine Bow/Routt NF – Yampa RD: (29.76 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**1.6**	**5%**
In process	**28.16**	**95%**
Just started	**0**	**0%**
Not started	**0**	**0%**



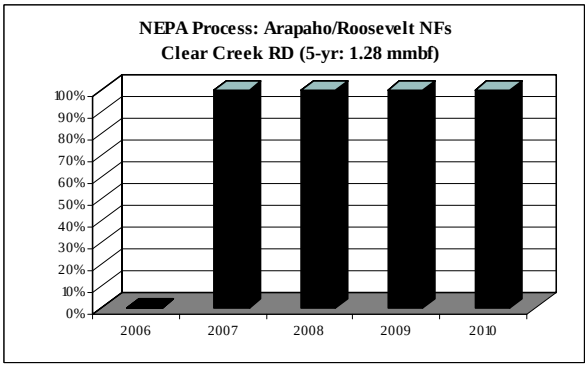
Arapaho-Roosevelt NF: Total 5-yr volume (98.28 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**54.41**	**55%**
In process	**35.57**	**36%**
Just started	**0**	**0%**
Not started	**8.3**	**9%**



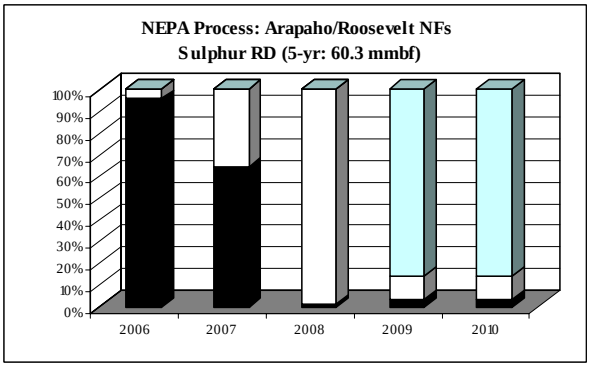
Arapaho-Roosevelt NF – Clear Creek RD: (1.28 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**1.28**	**100%**
In process	**0**	**0%**
Just started	**0**	**0%**
Not started	**0**	**0%**



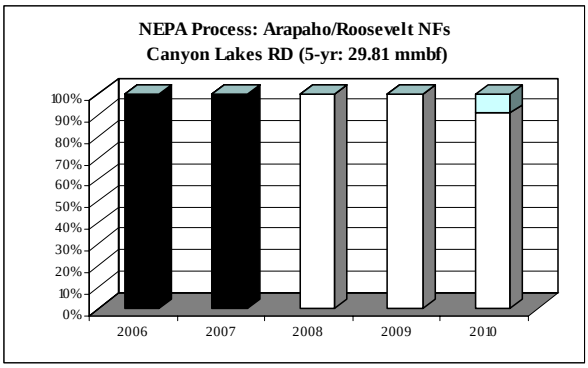
Arapaho-Roosevelt NF – Sulphur RD: (60.3 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**30.3**	**50%**
In process	**22**	**37%**
Just started	**0**	**0%**
Not started	**8**	**13%**



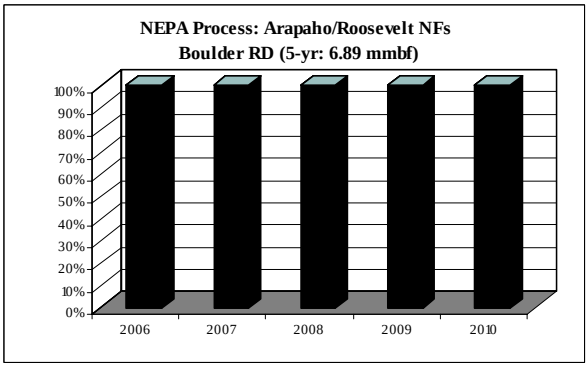
Arapaho-Roosevelt NF – Canyon Lakes RD: (29.81 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**15.94**	**54%**
In process	**13.57**	**46%**
Just started	**0**	**0%**
Not started	**.3**	**<1%**



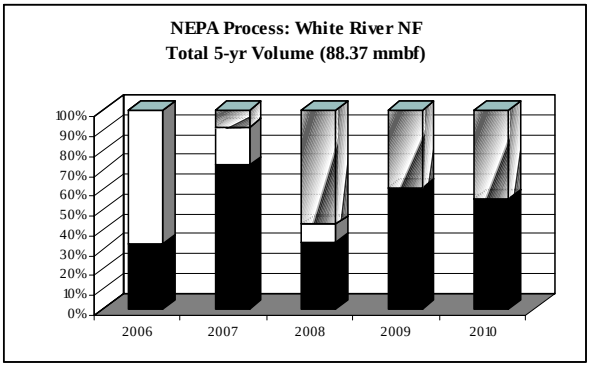
Arapaho-Roosevelt NF – Boulder RD: (6.89 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**6.89**	**100%**
In process	**0**	**0%**
Just started	**0**	**0%**
Not started	**0**	**0%**



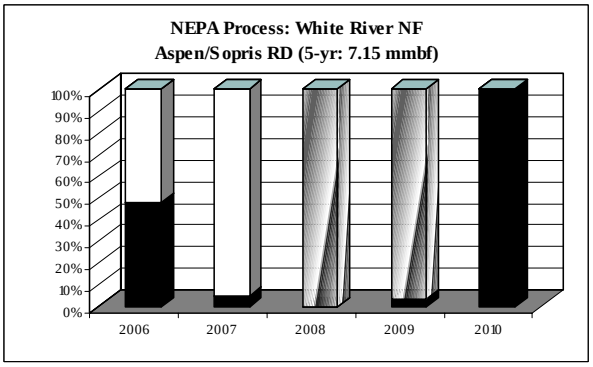
White River NF: Total 5-yr volume (88.37 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**44.87**	**51%**
In process	**13.42**	**15%**
Just started	**30.08**	**34%**
Not started	**0**	**0%**



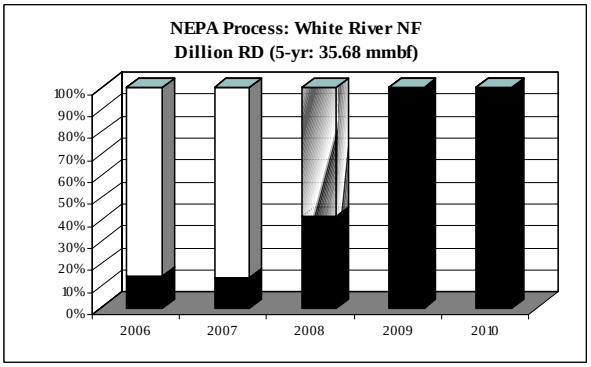
White River NF – Aspen/Sopris RD: (7.15 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**1.8**	**25%**
In process	**2.75**	**39%**
Just started	**2.6**	**36%**
Not started	**0**	**0%**



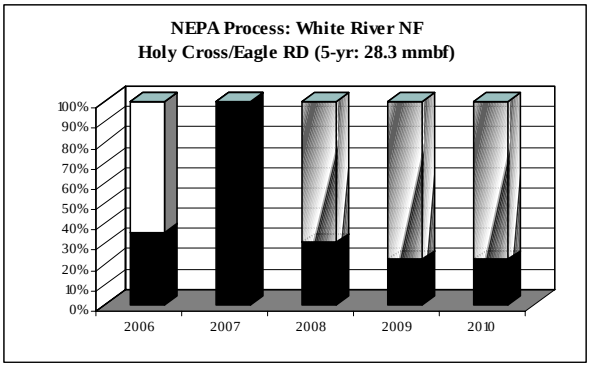
White River NF – Dillon RD: (35.68 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**23.33**	**65%**
In process	**5**	**14%**
Just started	**7.35**	**21%**
Not started	**0**	**0%**



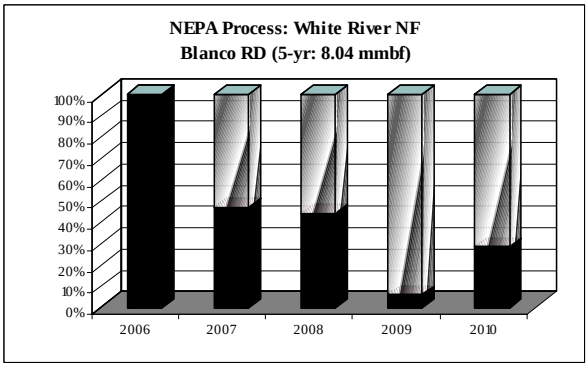
White River NF – Holy Cross/Eagle RD: (28.3 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**16.25**	**57%**
In process	**2.45**	**9%**
Just started	**9.6**	**34%**
Not started	**0**	**0%**



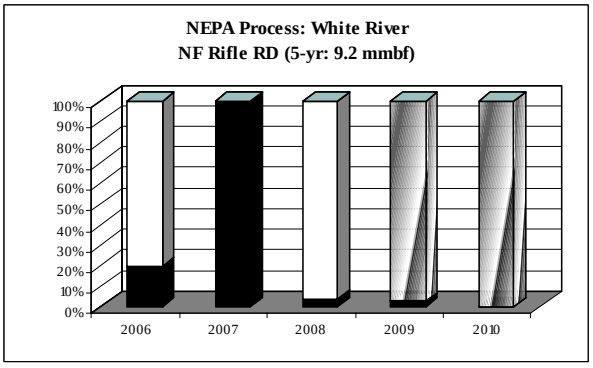
White River NF – Blanco RD: (8.04 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**3.01**	**37%**
In process	**0**	**0%**
Just started	**5.03**	**63%**
Not started	**0**	**0%**



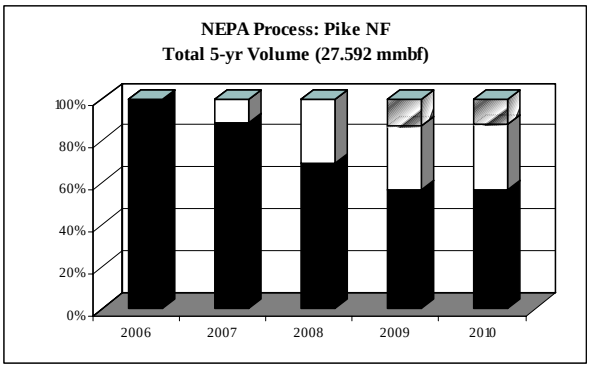
White River NF – Rifle RD: (9.2 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**.48**	**5%**
In process	**3.22**	**35%**
Just started	**5.5**	**60%**
Not started	**0**	**0%**



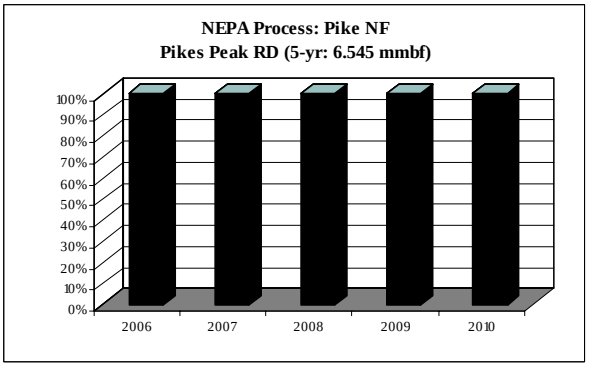
Pike NF: Total 5-yr volume (27.592 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**19.898**	**72%**
In process	**6.084**	**22%**
Just started	**1.61**	**6%**
Not started	**0**	**0%**



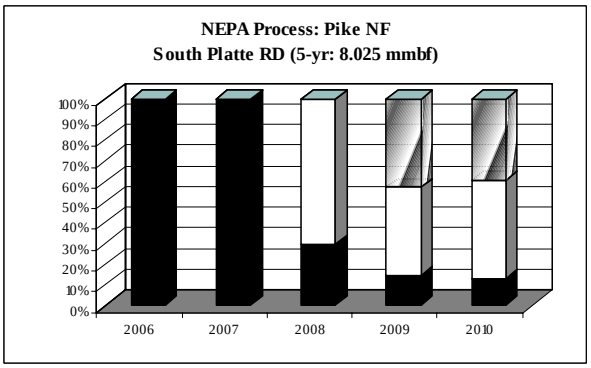
Pike NF – Pikes Peak RD: (6.545 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**6.545**	**100%**
In process	**0**	**0%**
Just started	**0**	**0%**
Not started	**0**	**0%**



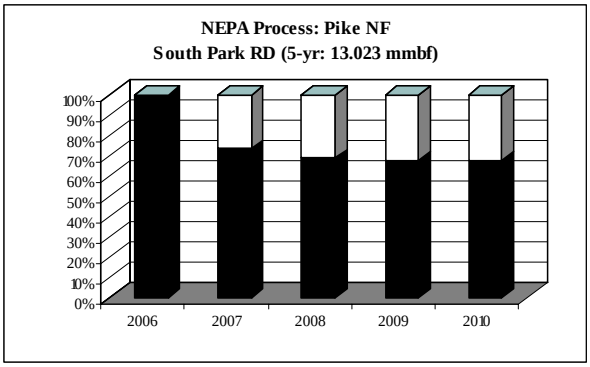
Pike NF – South Platte RD: (8.025 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**3.999**	**50%**
In process	**2.416**	**30%**
Just started	**1.61**	**20%**
Not started	**0**	**0%**



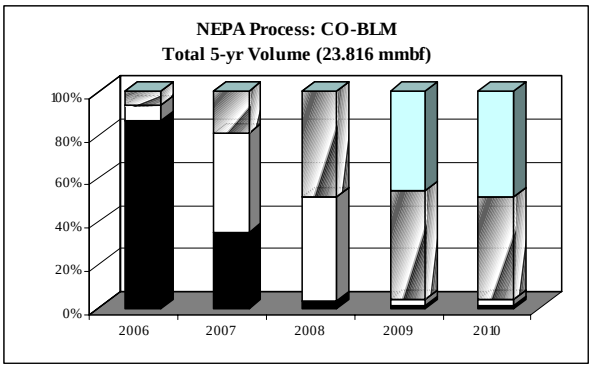
Pike NF – South Park RD: (13.023 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**9.355**	**72%**
In process	**3.668**	**28%**
Just started	**0**	**0%**
Not started	**0**	**0%**



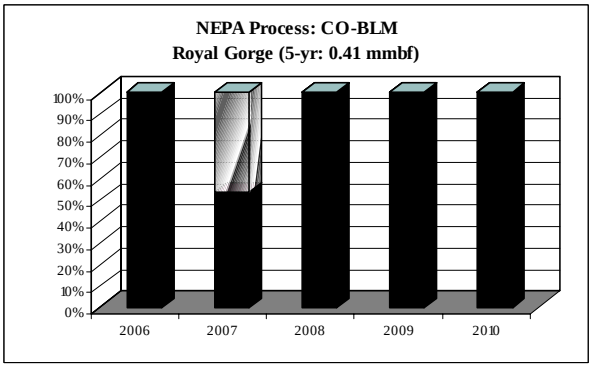
CO-BLM: Total 5-yr volume (23.816 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**4.536**	**19%**
In process	**5.07**	**21%**
Just started	**9.03**	**38%**
Not started	**5.18**	**22%**



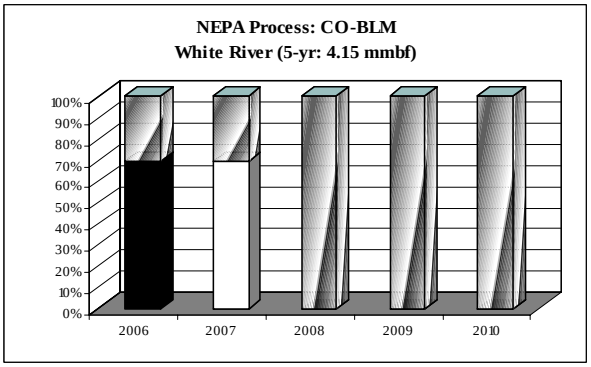
CO-BLM – Royal Gorge Dist.: (.41 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**.35**	**85%**
In process	**0**	**0%**
Just started	**.06**	**15%**
Not started	**0**	**0%**



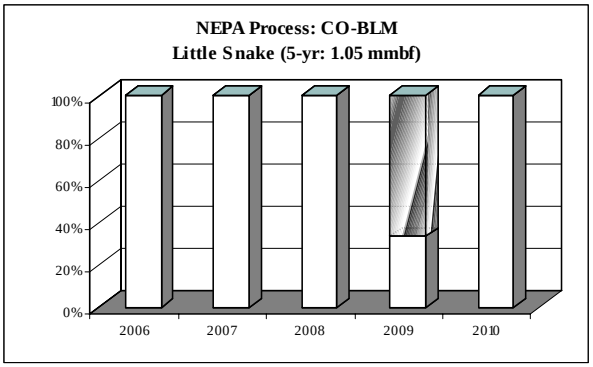
CO-BLM – White River Dist.: (4.15 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**.45**	**11%**
In process	**.45**	**11%**
Just started	**3.25**	**78%**
Not started	**0**	**0%**



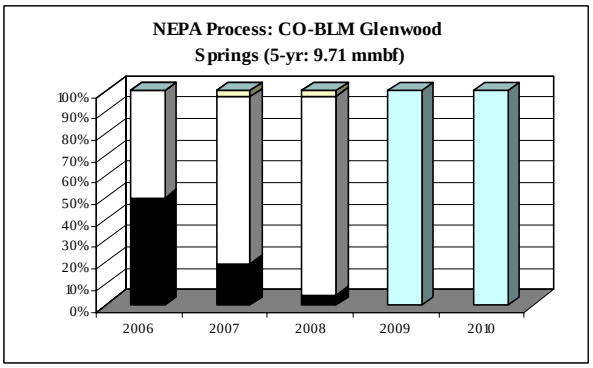
CO-BLM – Little Snake Dist.: (1.05 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**0**	**0%**
In process	**.75**	**71%**
Just started	**.3**	**29%**
Not started	**0**	**0%**



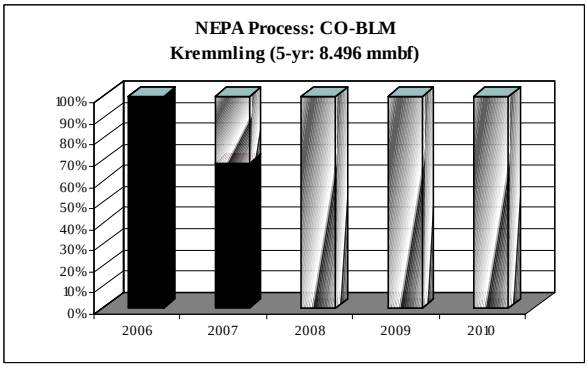
CO-BLM – Glenwood Springs Dist.: (9.71 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**.54**	**6%**
In process	**3.87**	**40%**
Just started	**.12**	**1%**
Not started	**5.18**	**53%**



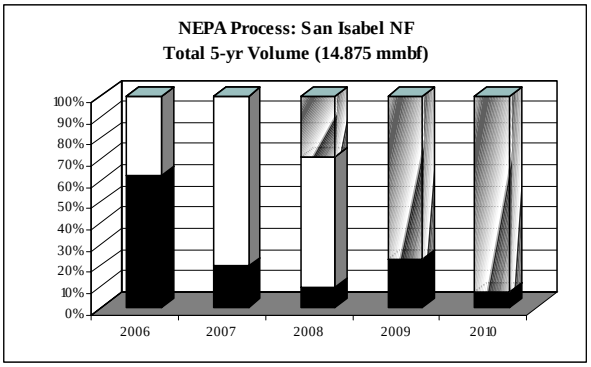
CO-BLM – Kremmling Dist.: (8.496 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**3.196**	**38%**
In process	**0**	**0%**
Just started	**5.3**	**62%**
Not started	**0**	**0%**



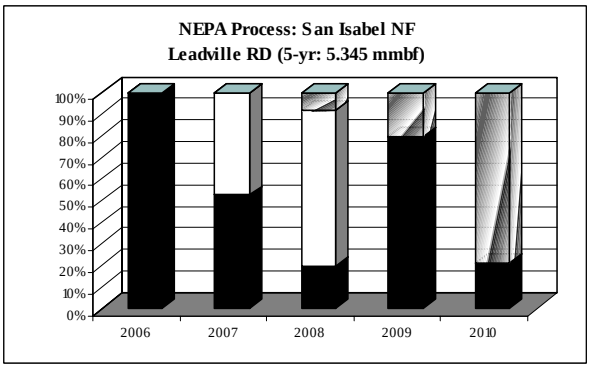
San Isabel NF: Total 5-yr volume (14.875 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**3.46**	**23%**
In process	**5.885**	**40%**
Just started	**5.53**	**37%**
Not started	**0**	**0%**



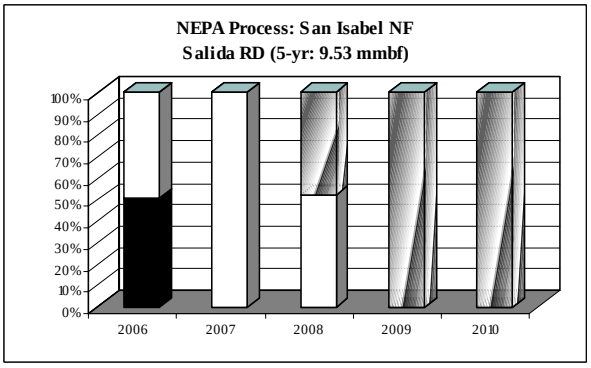
San Isabel NF – Leadville RD: (5.345 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**2.42**	**45%**
In process	**1.875**	**35%**
Just started	**1.05**	**20%**
Not started	**0**	**0%**



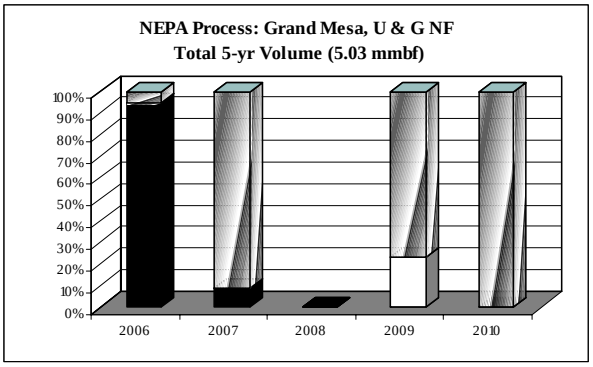
San Isabel NF – Salida RD: (9.53 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**1.04**	**11%**
In process	**4.01**	**42%**
Just started	**4.48**	**47%**
Not started	**0**	**0%**



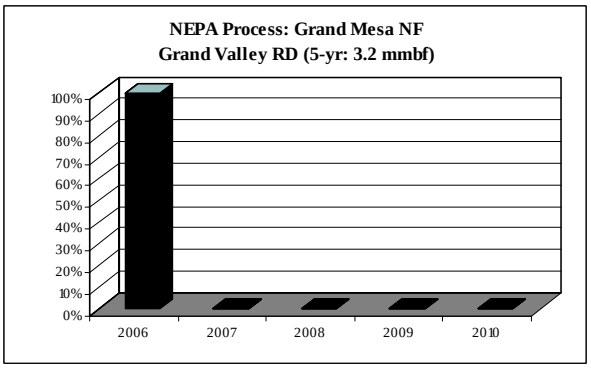
Grand Mesa, U & G NF: Total 5-yr volume (5.03 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**3.6**	**72%**
In process	**.03**	**<1%**
Just started	**1.4**	**28%**
Not started	**0**	**0%**



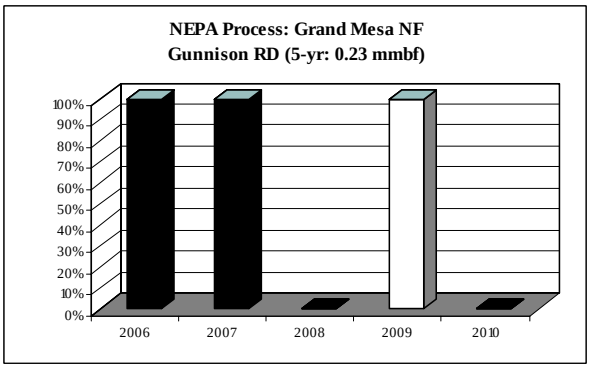
Grand Mesa, U & G NF – Grand Valley RD: (3.2 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**3.2**	**100%**
In process	**0**	**0%**
Just started	**0**	**0%**
Not started	**0**	**0%**



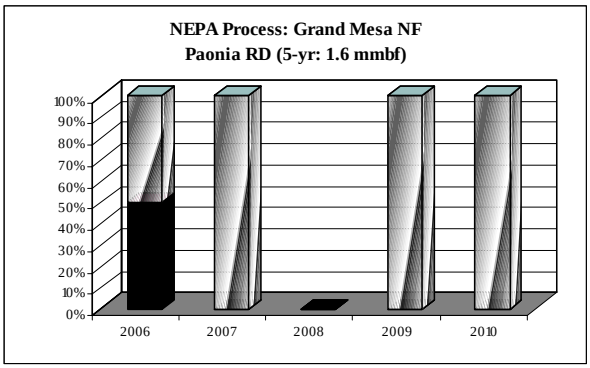
Grand Mesa, U & G NF – Gunnison RD: (.23 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**.2**	**87%**
In process	**.03**	**13%**
Just started	**0**	**0%**
Not started	**0**	**0%**



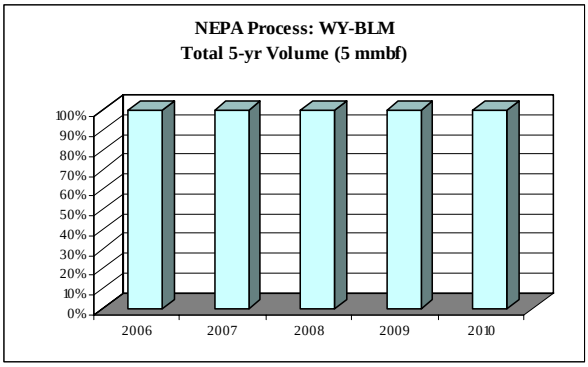
Grand Mesa, U & G NF – Paonia RD: (1.6 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**.2**	**12%**
In process	**0**	**0%**
Just started	**1.4**	**88%**
Not started	**0**	**0%**



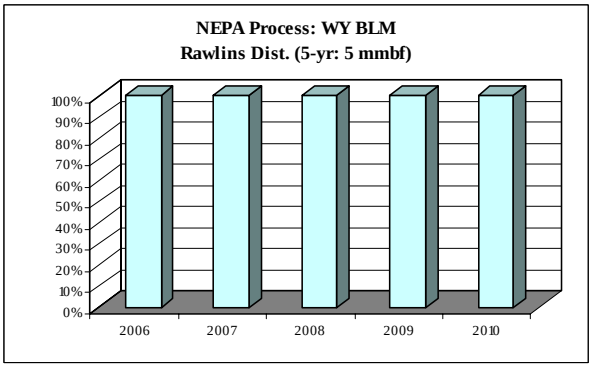
WY-BLM: Total 5-yr volume (5 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**0**	**0%**
In process	**0**	**0%**
Just started	**0**	**0%**
Not started	**5**	**100%**



WY-BLM – Rawlins Dist.: (5 mmbf; includes gT as mmbf)

	mmbf	*% of total*
Approved	**0**	**0%**
In process	**0**	**0%**
Just started	**0**	**0%**
Not started	**5**	**100%**



ROMs by Species

(Resource Offering Maps)

Colorado: Lodgepole Pine CROP offering '06 – '10
(gT = 147,736 / S = 224.17 mmbf / L = 107.87 mmbf)

ROM # LP 1

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

Medicine Bow/Routt NF: 5 RDs – 37%
(gT = 14,555 / S= 74.945 / L = 57.63)

White River NF: 5 RDs – 21%
(gT = 36,100 / S = 49.6 / L = 20.3)

Grand Mesa, U & G NF: 1 RD – <1%
(gT = 150 / S =0 / L = 0)

WY-SFD: 1%
(gT = 1,562 / S = 1.93 / L = 1.28)

CO-DNR: 11%
(gT = 0 / S = 20.243 / L = 20.243)

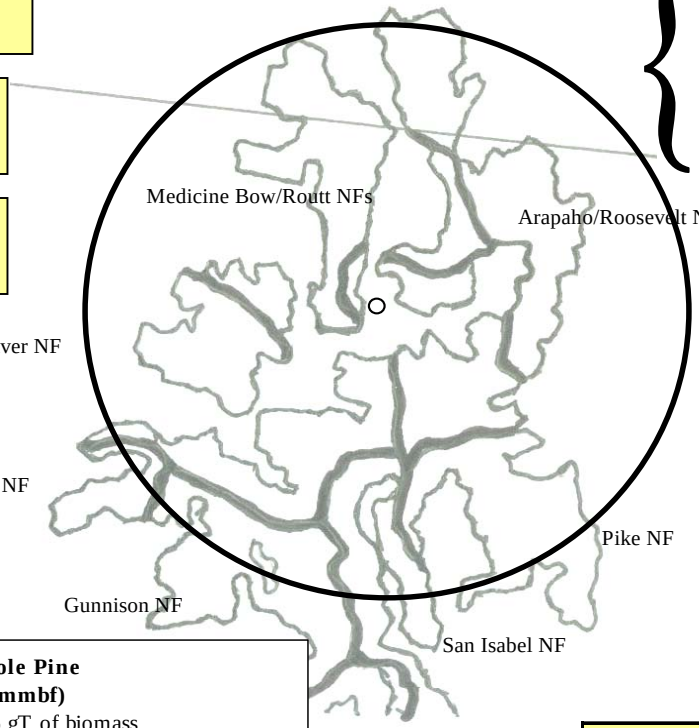
CO-BLM: 4 districts – 5%
(gT = 20,175 / S = 11.27 / L = 2.05)

WY-BLM: 1 district – <1%
(gT = 0 / S = .5 / L = 0)

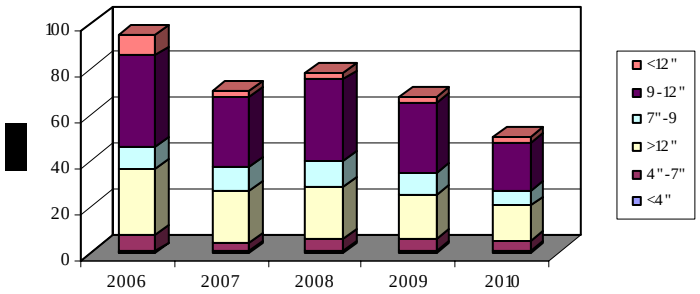
Arapaho/Roosevelt NF: 4 RDs – 23%
(gT = 69,000 / S = 63.5 / L = 5.92)

CO-Counties: 2 Counties <1%
(gT = 531.2 / S = .232 / L = 0)

San Isabel NF: 1 RD – 1%
(gT = 5,662 / S = 1.947 / L = .438)



All Agencies: Lodgepole Pine
(5-yr total = 361.596 mmbf)
29.547 mmbf is <7" = 147,736 gT of biomass
224.17 mmbf is >7"-12" = small logs
107.87 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	37957.5	58.3285	28.9765
2007	23080	44.006	22.0845
2008	32003.75	49.51875	22.054
2009	29680	42.423	19.4175
2010	25015	29.8985	15.342
Totals	147736.25	224.17475	107.8745
%	8.171331857	61.99582961	29.83283854
mmbf	29.54725		

MATER ENGINEERING, LTD.

<u>*Lodgepole Pine*</u> CROP offering '06 – '10
(gT = 147,736 / S = 224.17 mmbf / L = 107.87 mmbf)

ROM # LP 1.1

LP= lodgepole pine

<u>BLM</u>:

- **A** ***Royal Gorge District (CO)***
- B White River District (CO)
- **C** ***Little Snake District (CO)***
- **D** ***Glenwood Springs District (CO)***
- **E** ***Kremmling District (CO)***
- **F** ***Rawlins District (WY)***

<u>WY - SFD</u>:

- **G** ***SFD***

<u>Arapaho/Roosevelt NF</u>:

- **H** ***Clear Creek RD***
- **I** ***Sulphur RD***
- **J** ***Canyon Lakes RD***
- **K** ***Boulder RD***

<u>Grand Mesa, U & G NFs</u>:

- **L** Grand Valley RD
- **M** ***Gunnison RD***
- **N** Paonia RD

<u>Medicine Bow/Routt NFs</u>:

- **O** ***Brush Creek/Hayden RD***
- **P** ***Laramie RD***
- **Q** ***Hahns Peak/Bears Ear RD***
- **R** ***Parks RD***
- **S** ***Yampa RD***

<u>Pike NF</u>:

- **T** Pikes Peak RD
- **U** South Platte RD
- **V** South Park RD

<u>San Isabel NF</u>:

- **W** ***Leadville RD***
- **X** Salida RD

<u>White River NF</u>:

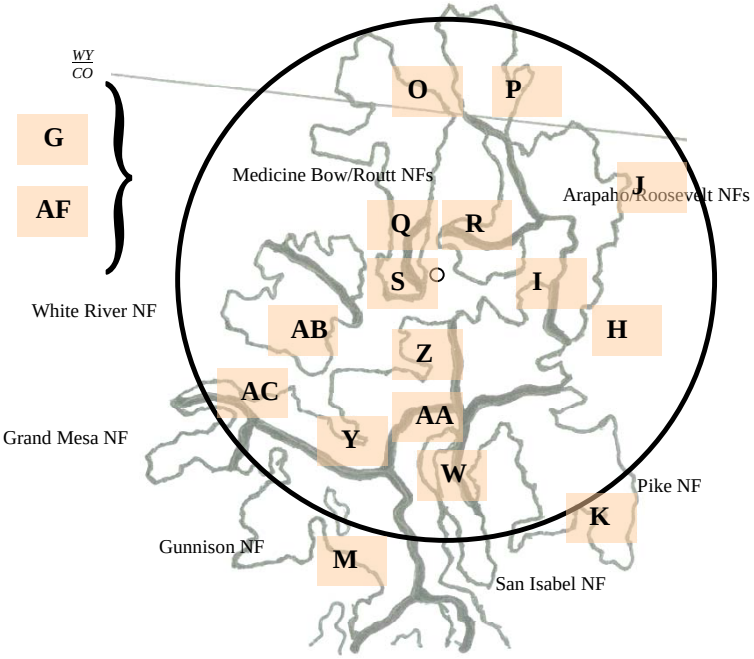
- **Y** ***Aspen/Sopris RD***
- **Z** ***Dillon RD***
- **AA** ***Holy Cross/Eagle RD***
- **AB** ***Blanco RD***
- **AC** ***Rifle RD***

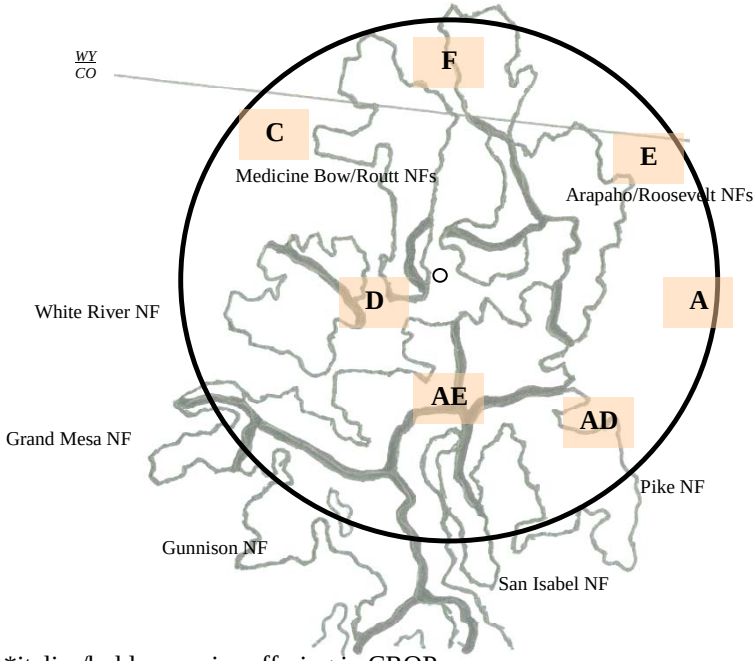
<u>Colorado Counties</u>:

- **AD** ***Jefferson Co.***
- **AE** ***Summit Co.***

<u>Colorado DNR</u>:

- **AF** ***CO-DNR***

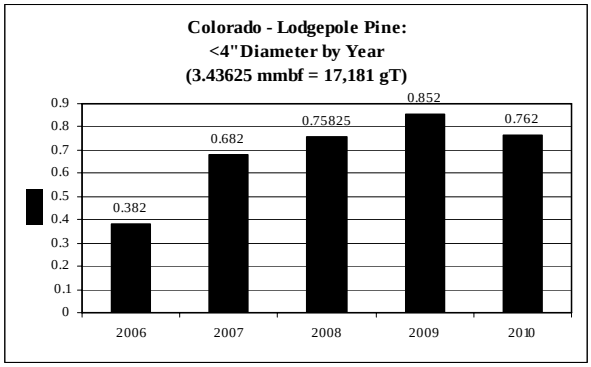


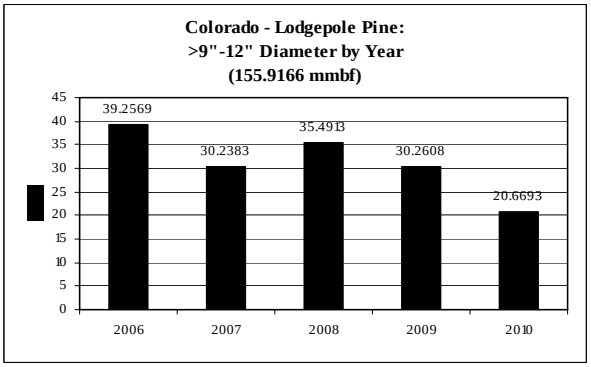


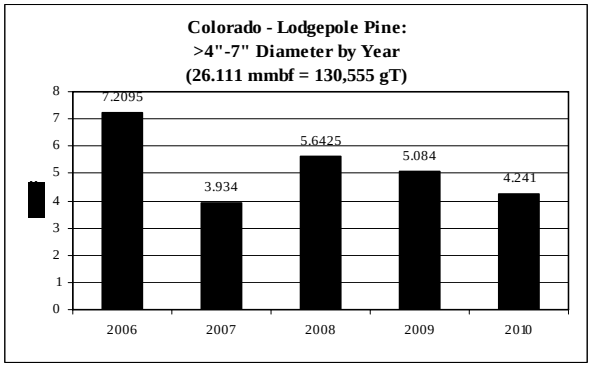
*italics/bold = species offering in CROP

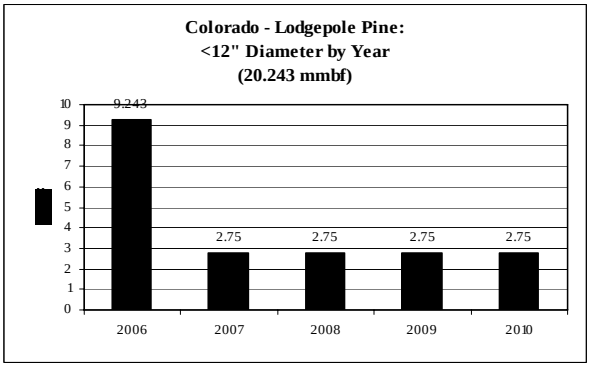
Colorado - Lodgepole Pine: Diameter by Year

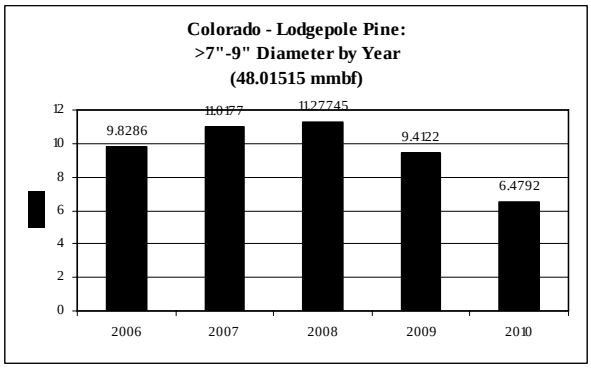
ROM # LP 1.2

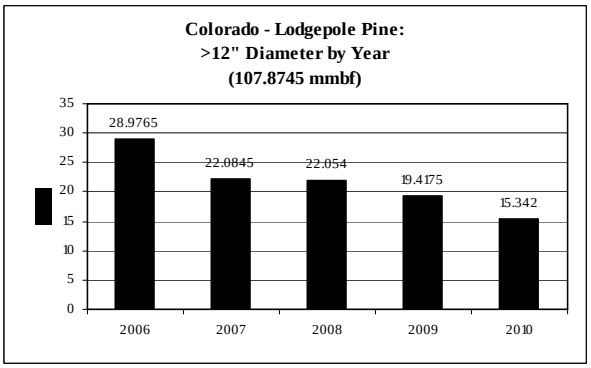








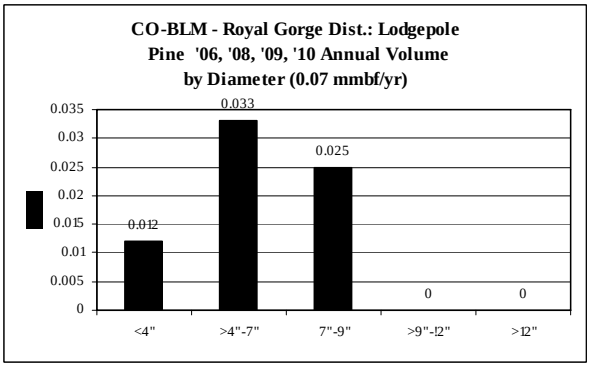




Colorado: Lodgepole Pine CROP offering '06 – '10 (by agency)

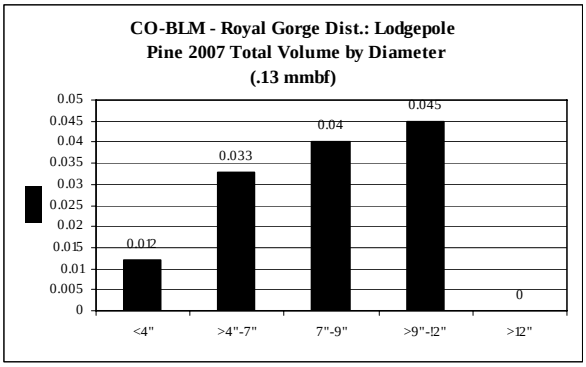
ROM # LP 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)



A

Lodgepole Pine **CO-BLM:** ***Royal Gorge Dist.***	***5-yr = .41 mmbf***
	• **Fairly level supply from year to year**
gT = 1,125	• **<4" = 15% (.06 mmbf)** • **>4"-7" = 40% (.165 mmbf)**
S = .185	• **>7"-9" = 36% (.14 mmbf)** • **>9"-12" = 11% (.045 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**



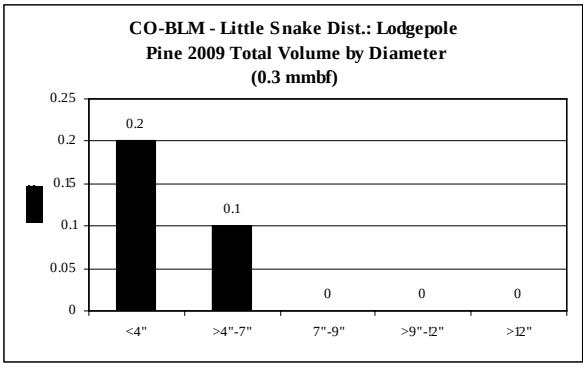
Colorado: Lodgepole Pine CROP offering '06 – '10 (by agency)

ROM # LP 1.4

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

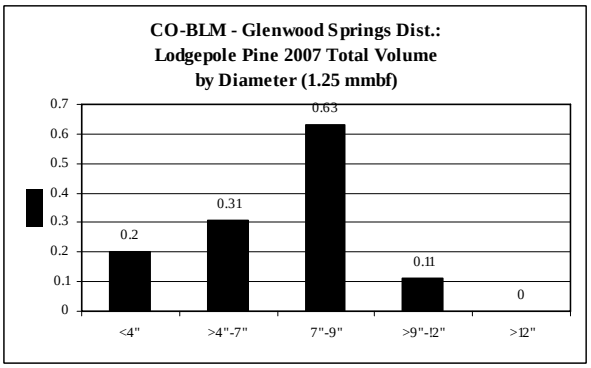
C

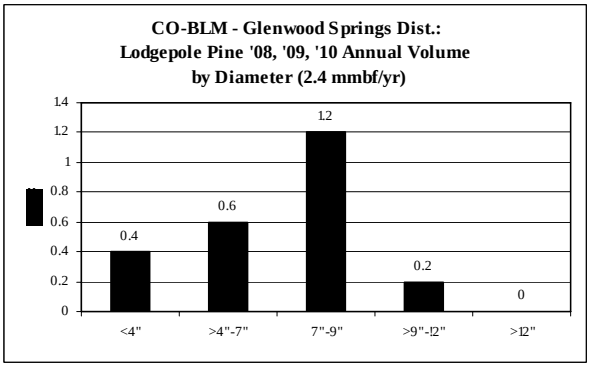
Lodgepole Pine **CO-BLM:** ***Little Snake Dist.***	***5-yr = .3 mmbf***
	• **Only offered in '09**
gT = 1,500	• **<4" = 67% (.2 mmbf)** • **>4"-7" = 33% (.1 mmbf)**
S = 0	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12 = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**



D

Lodgepole Pine **CO-BLM:** ***Glenwood Springs Dist.***	***5-yr = 8.45 mmbf***
	• **No offering in '06**
gT = 17,550	• **<4" = 17% (1.4 mmbf)** • **>4"-7" = 25% (2.11 mmbf)**
S = 4.94	• **>7"-9" = 50% (4.23 mmbf)** • **>9"-12" = 8% (.71 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**

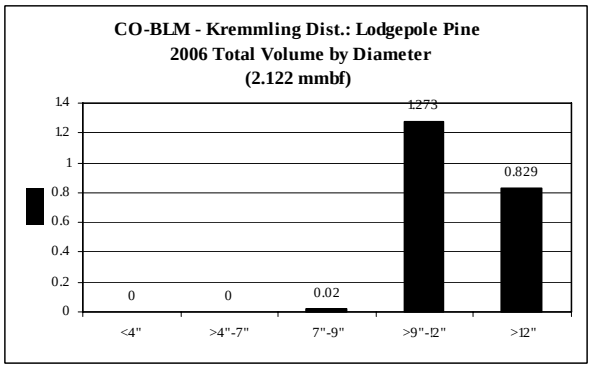


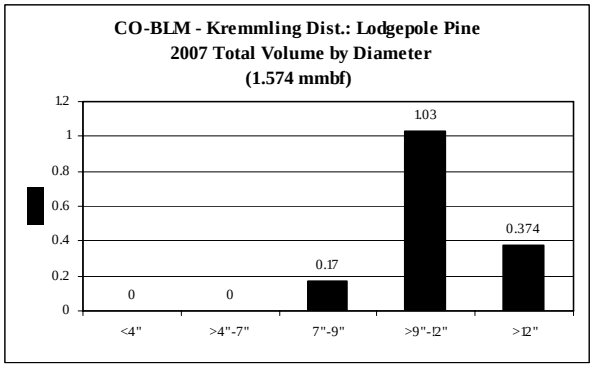


gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

Colorado: Lodgepole Pine CROP offering ‘06 – ‘10 (by agency)

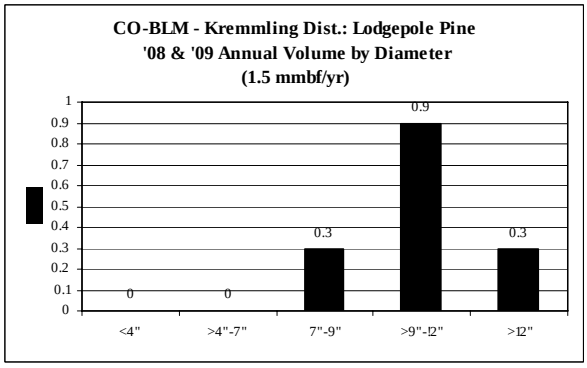
ROM # LP 1.5

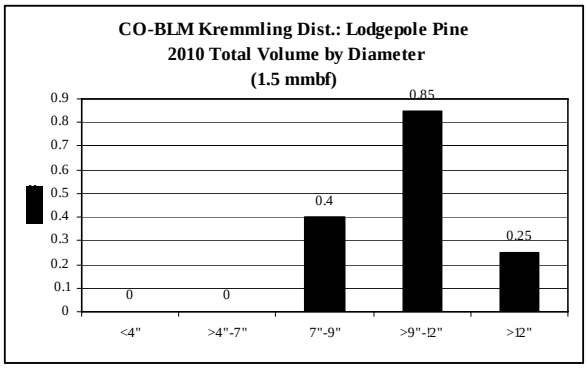




E

Lodgepole Pine **CO-BLM:** ***Kremmling Dist.***	***5-yr = 8.196 mmbf***
	• **Fairly level supply from year to year**
gT = 0	• **<4” = 0% (0 mmbf)** • **>4”-7” = 0% (0 mmbf)**
S = 6.14	• **>7”-9” = 15% (1.19 mmbf)** • **>9”-12” = 60% (4.95 mmbf)** • **<12” = 0% (0 mmbf)**
L = 2.05	• **>12” = 25% (2.05 mmbf)**





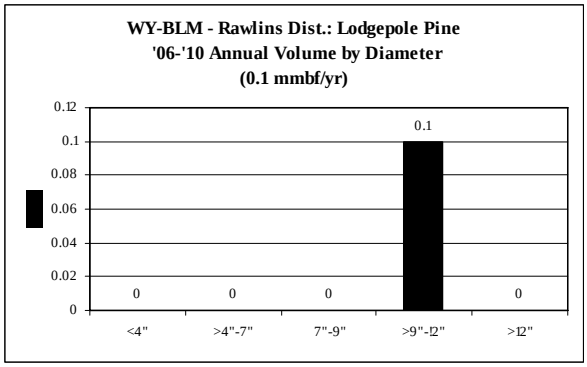
Colorado: Lodgepole Pine CROP offering '06 – '10 (by agency)

ROM # LP 1.6

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

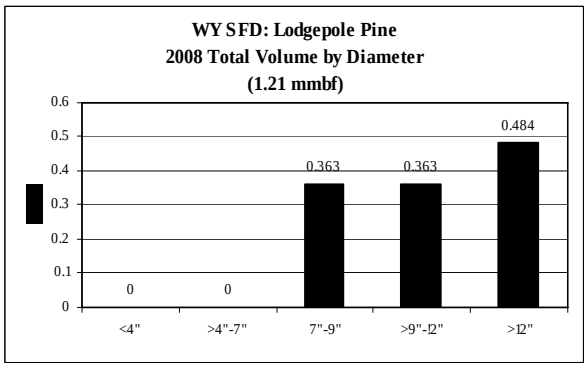
F

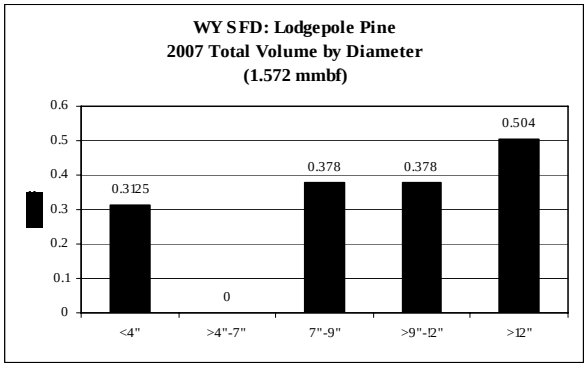
Lodgepole Pine **WY-BLM:** ***Rawlins Dist.***	***5-yr = .5 mmbf: 0.1 mmbf/yr***
	• **Only offered in 3 years**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .5	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 100% (.5 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**

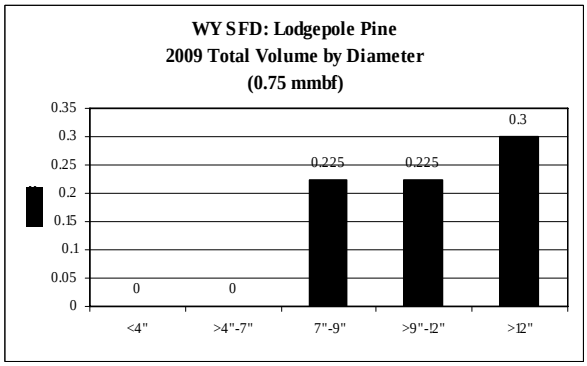


G

Lodgepole Pine **WY-SFD**	***5-yr = 3.53 mmbf***
	• **Unlevel supply from year to year**
gT = 1562.5	• **<4" = 9% (.3125 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = 1.932	• **>7"-9" = 27% (.966 mmbf)** • **>9"-12" = 27% (.966 mmbf)** • **<12" = 0% (0 mmbf)**
L = 1.288	• **>12" = 37% (1.288 mmbf)**







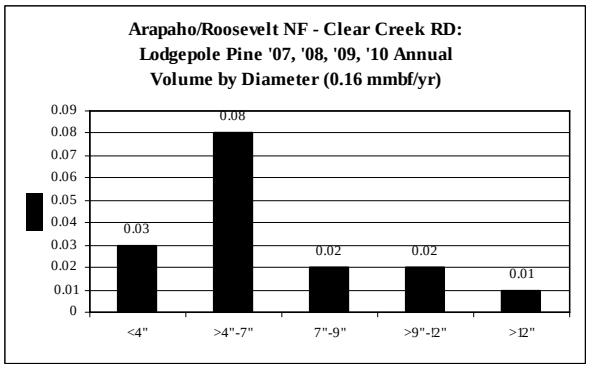
Colorado: Lodgepole Pine CROP offering '06 – '10 (by agency)

ROM # LP 1.7

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

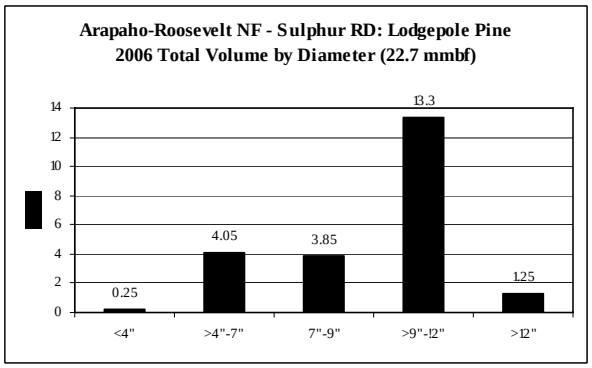
H

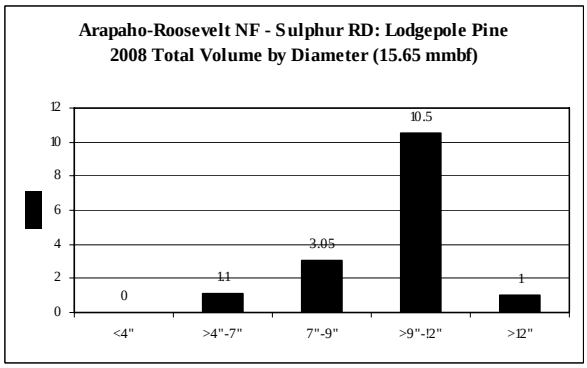
Lodgepole Pine **Arapaho-Roosevelt NF:** ***Clear Creek RD***	***5-yr = .64 mmbf; .16 mmbf/yr***
	• **No volume in '06; then level supply from year to year**
gT = 2,200	• **<4" = 18% (.12 mmbf)** • **>4"-7" = 50% (.32 mmbf)**
S = .16	• **>7"-9" = 13% (.08 mmbf)** • **>9"-12" = 13% (.08 mmbf)** • **<12" = 0% (0 mmbf)**
L = .04	• **>12" = 6% (.04 mmbf)**

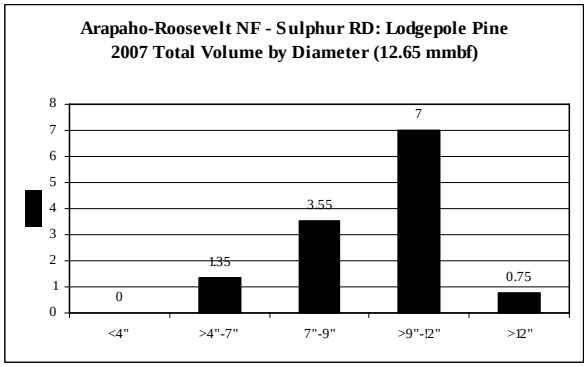


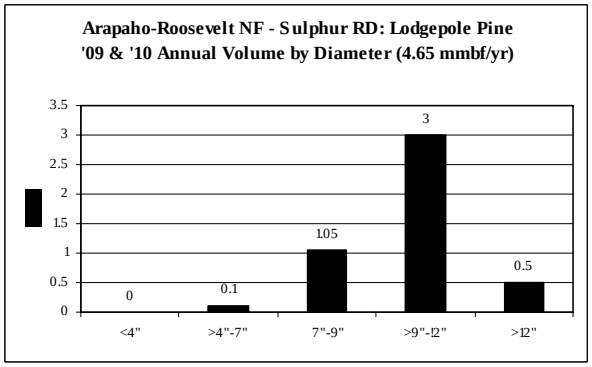
I

Lodgepole Pine **Arapaho-Roosevelt NF:** ***Sulphur RD***	***5-yr = 60.3 mmbf***
	• **Unlevel supply from year to year**
gT = 34,750	• **<4" = 18% (.25 mmbf)** • **>4"-7" = 50% (6.7 mmbf)**
S = 49.35	• **>7"-9" = 13% (12.55 mmbf)** • **>9"-12" = 13% (36.8 mmbf)** • **<12" = 0% (0 mmbf)**
L = 4	• **>12" = 6% (4 mmbf)**







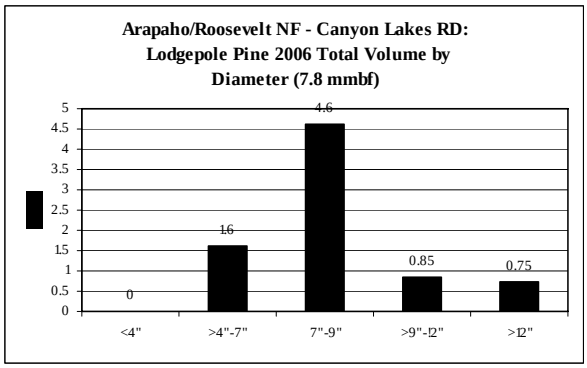


MATER ENGINEERING, LTD.

gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

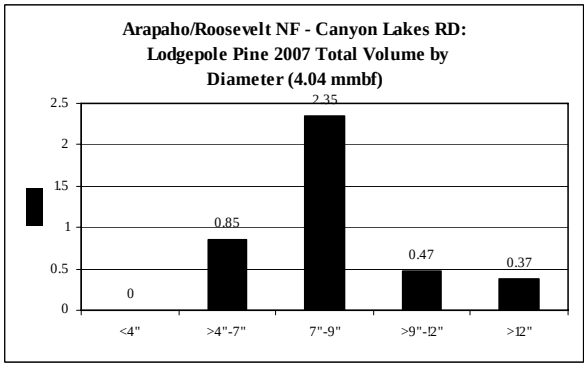
Colorado: Lodgepole Pine CROP offering ‘06 – ‘10 (by agency)

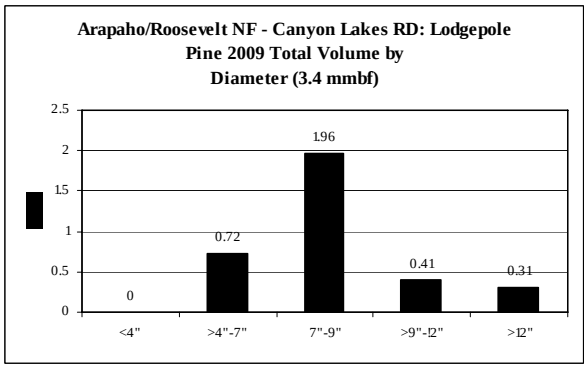
ROM # LP 1.8

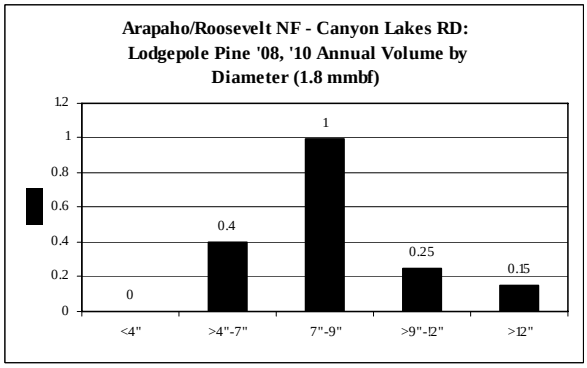


J

Lodgepole Pine **Arapaho-Roosevelt NF:** ***Canyon Lakes RD***	***5-yr =18.84 mmbf***
	• **Unlevel supply from year to year**
gT = 19,850	• **<4” = 0% (0 mmbf)** • **>4”-7” = 21% (3.97 mmbf)**
S = 13.14	• **>7”-9” = 58% (10.91 mmbf)** • **>9”-12” = 12% (2.23 mmbf)** • **<12” = 0% (0 mmbf)**
L = 1.73	• **>12” = 9% (1.73 mmbf)**







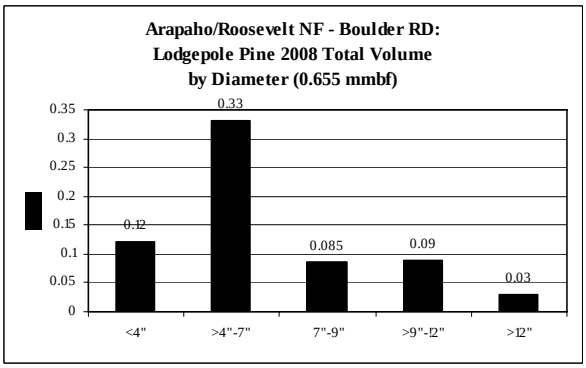
Colorado: ***Lodgepole Pine*** **CROP offering '06 – '10 (by agency)**

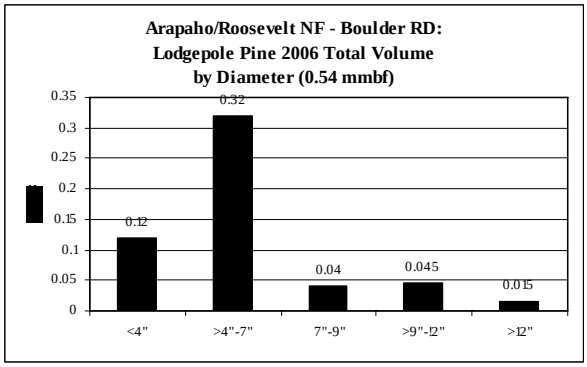
ROM # LP 1.9

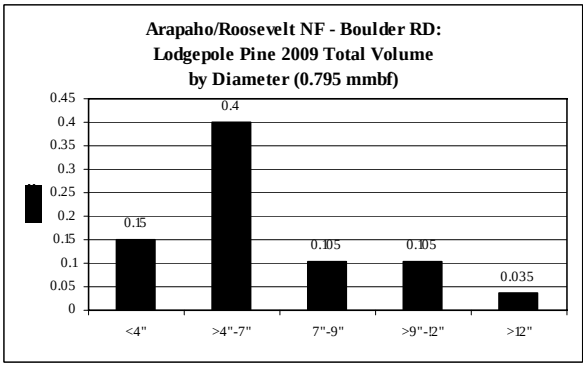
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

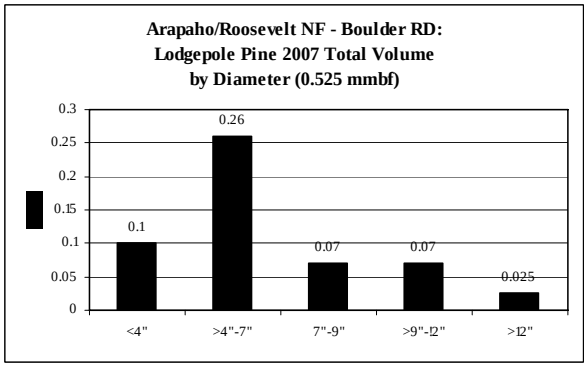
K

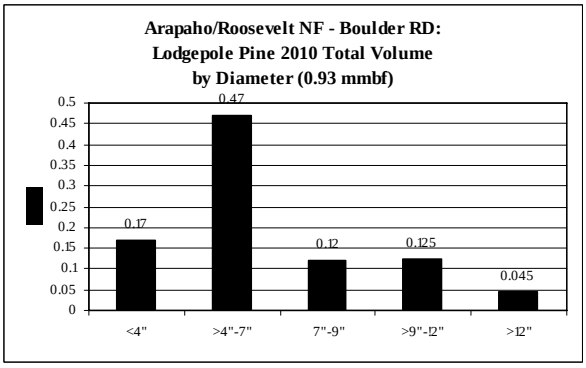
Lodgepole Pine **Arapaho-Roosevelt NF:** ***Boulder RD***	***5-yr = 3.445 mmbf***
	• **Fairly level supply from year to year**
gT = 12,200	• **<4" = 19% (.66 mmbf)** • **>4"-7" = 52% (1.78 mmbf)**
S = .855	• **>7"-9" = 12% (.42 mmbf)** • **>9"-12" = 13% (.435 mmbf)** • **<12" = 0% (0 mmbf)**
L = .15	• **>12" = 4% (.15 mmbf)**











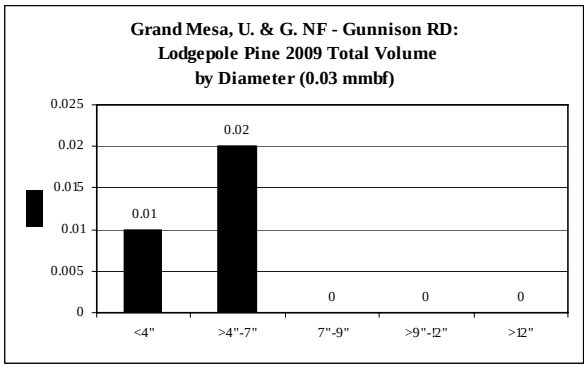
Colorado: Lodgepole Pine CROP offering '06 – '10 (by agency)

ROM # LP 1.10

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

M

Lodgepole Pine **Grand Mesa, U & G NF:** ***Gunnison RD***	***5-yr = .03 mmbf***
	• **Only offered in '09**
gT = 150	• **<4" = 33% (.01 mmbf)** • **>4"-7" = 67% (.02 mmbf)**
S = 0	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**



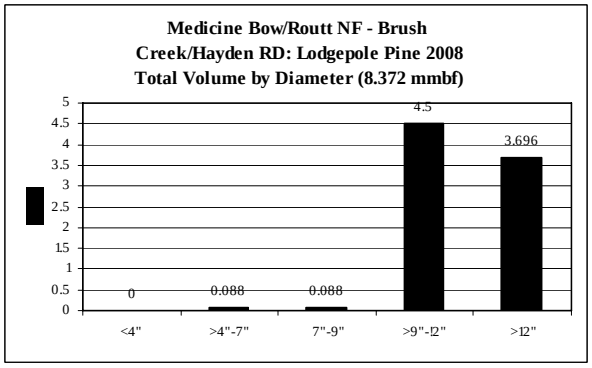
Colorado: Lodgepole Pine CROP offering '06 – '10 (by agency)

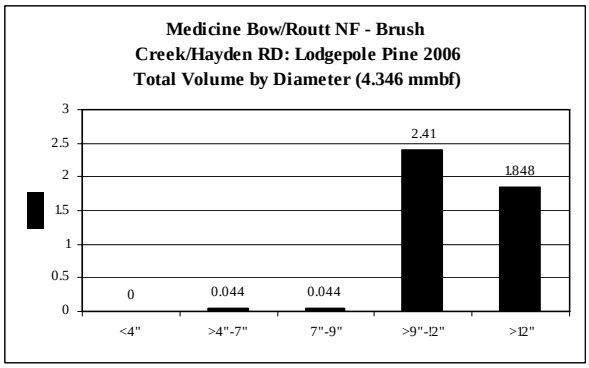
ROM # LP 1.11

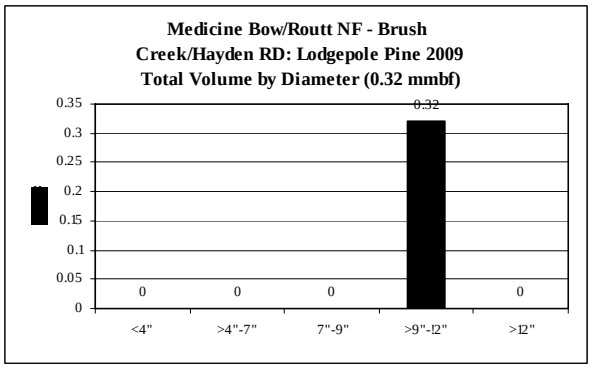
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

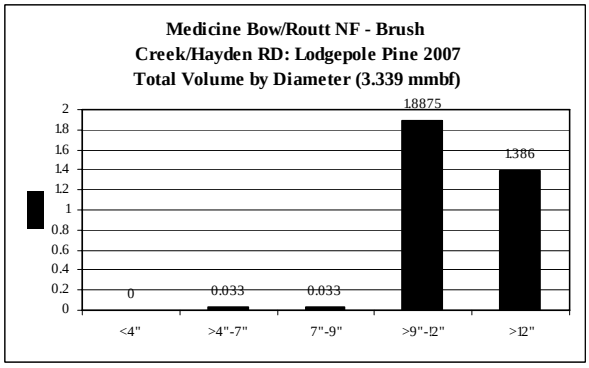
O

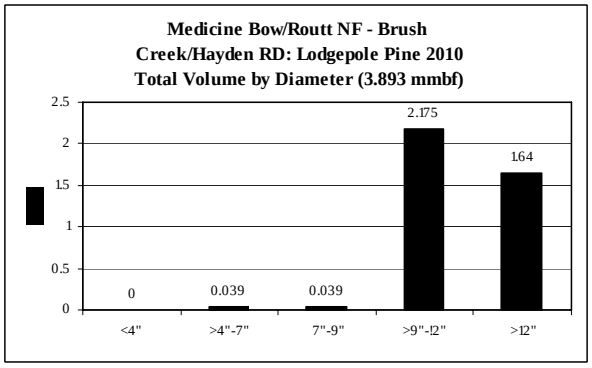
Lodgepole Pine **Medicine Bow/Routt NF:** ***Brush Creek/Hayden RD***	***5-yr = 20.27 mmbf***
	• **Unlevel supply from year to year**
gT = 1,020	• **<4" = 0% (0 mmbf)** • **>4"-7" = 1% (.204 mmbf)**
S = 11.496	• **>7"-9" = 1% (.204 mmbf)** • **>9"-12" = 56% (11.292 mmbf)** • **<12" = 0% (0 mmbf)**
L = 8.57	• **>12" = 42% (8.57 mmbf)**











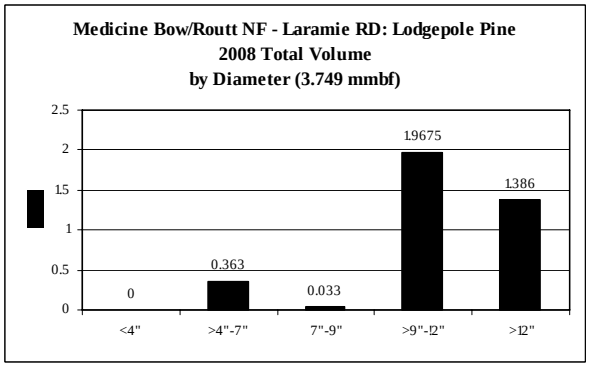
Colorado: Lodgepole Pine CROP offering '06 – '10 (by agency)

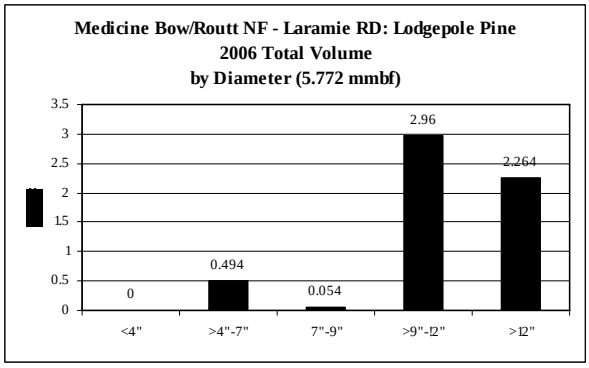
ROM # LP 1.12

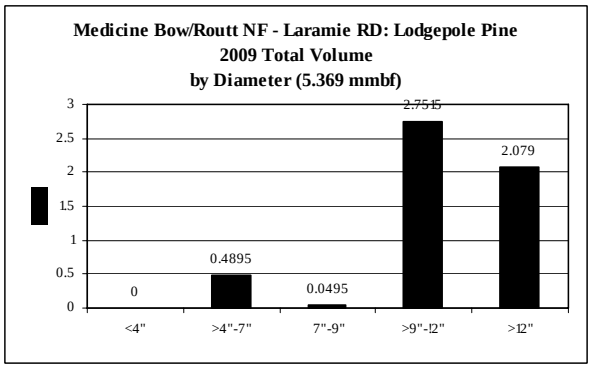
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

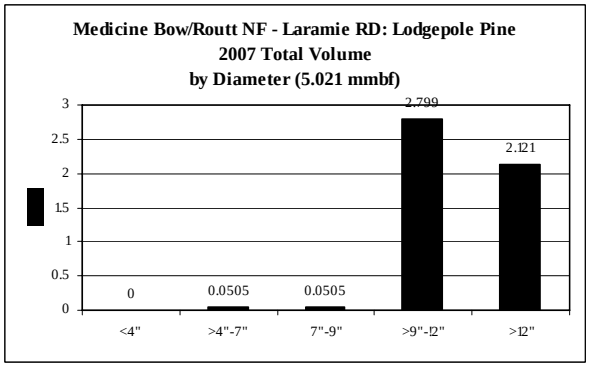
P

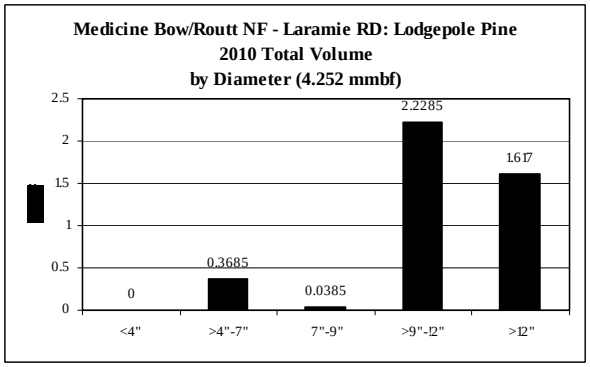
Lodgepole Pine **Medicine Bow/Routt NF:** ***Laramie RD***	***5-yr = 24.16 mmbf***
	• **Fairly level supply from year to year**
gT = 8,827	• **<4" = 0% (0 mmbf)** • **>4"-7" = 7% (1.76 mmbf)**
S = 12.93	• **>7"-9" = 1% (.225 mmbf)** • **>9"-12" = 53% (12.71 mmbf)** • **<12" = 0% (0 mmbf)**
L = 9.47	• **>12" = 39% (9.47 mmbf)**







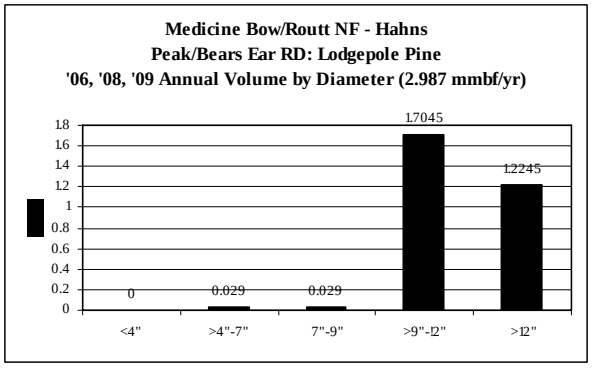




Colorado: Lodgepole Pine CROP offering '06 – '10 (by agency)

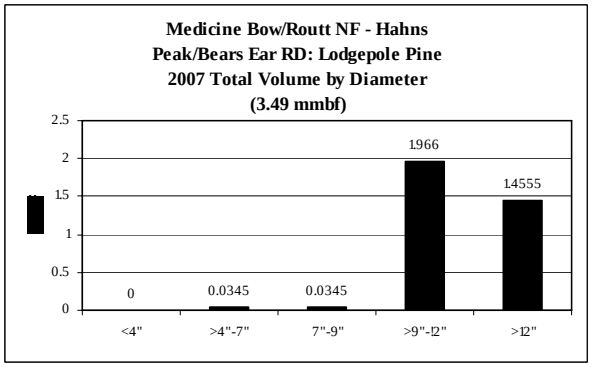
ROM # LP 1.13

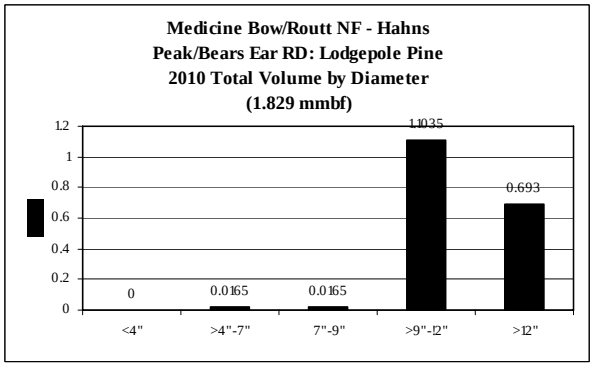
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)



Q

Lodgepole Pine **Medicine Bow/Routt NF:** ***Hahns Peak/Bears Ear RD***	***5-yr = 14.281 mmbf***
	• **Notable drop in supply in 2010**
gT =690	• **<4" = 0% (0 mmbf)** • **>4"-7" = 1% (.138 mmbf)**
S = 8.321	• **>7"-9" = 1% (.138 mmbf)** • **>9"-12" = 57% (8.183 mmbf)** • **<12" = 0% (0 mmbf)**
L = 5.822	• **>12" = 41% (5.822 mmbf)**





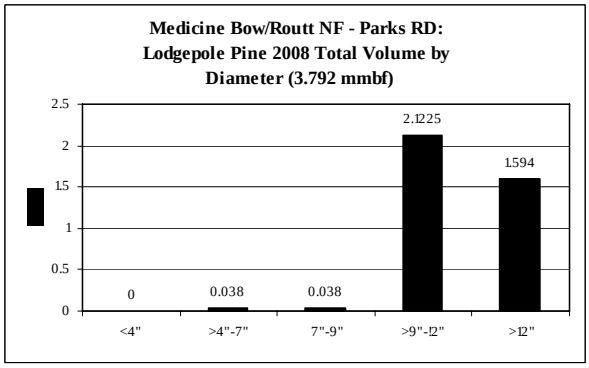
Colorado: ***Lodgepole Pine*** **CROP offering '06 – '10 (by agency)**

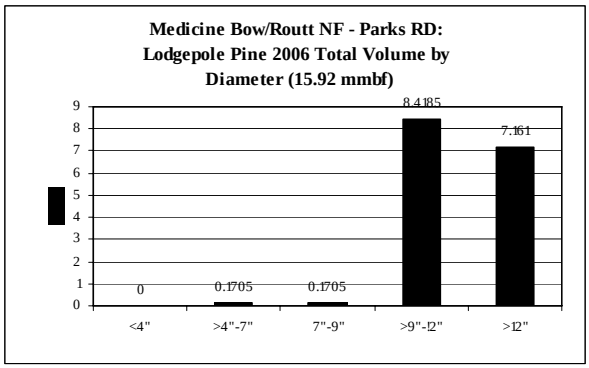
ROM # LP 1.14

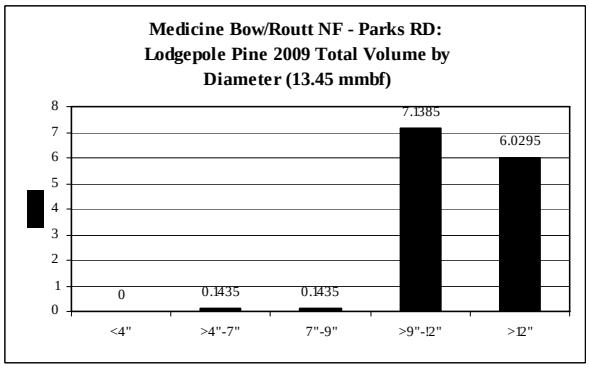
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

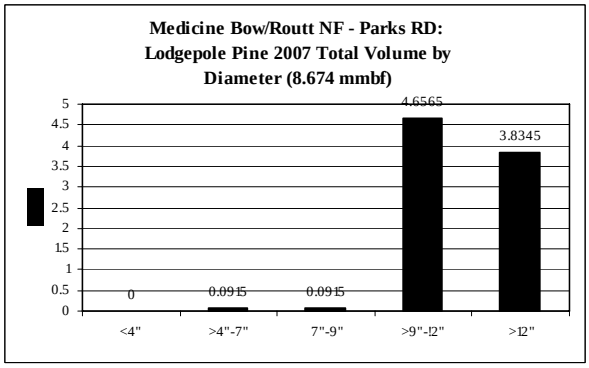
R

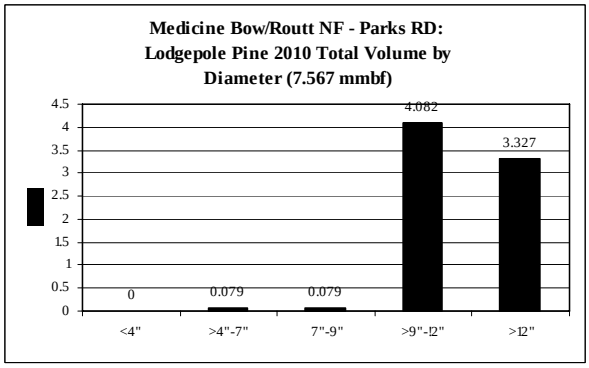
Lodgepole Pine **Medicine Bow/Routt NF:** ***Parks RD***	***5-yr = 49.41 mmbf***
	• **Unlevel supply from year to year**
gT = 2,612	• **<4" = 0% (0 mmbf)** • **>4"-7" = 1% (.522 mmbf)**
S = 26.94	• **>7"-9" = 1% (.522 mmbf)** • **>9"-12" = 54% (26.42 mmbf)** • **<12" = 0% (0 mmbf)**
L = 21.95	• **>12" = 44% (21.95 mmbf)**











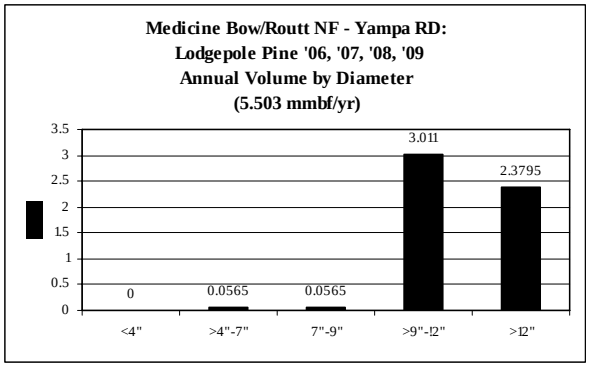
Colorado: ***Lodgepole Pine*** **CROP offering '06 – '10 (by agency)**

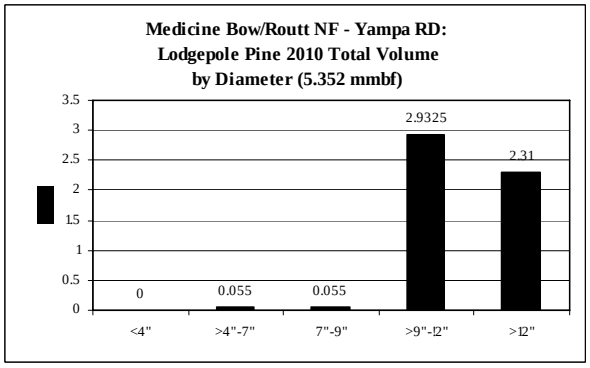
ROM # LP 1.15

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

S

Lodgepole Pine **Medicine Bow/Routt NF:** ***Yampa RD***	***5-yr = 27.366 mmbf***
	• **Level supply from year to year**
gT = 1,405	• **<4" = 0% (0 mmbf)** • **>4"-7" = 1% (.281 mmbf)**
S = 15.257	• **>7"-9" = 1% (.281 mmbf)** • **>9"-12" = 55% (14.976 mmbf)** • **<12" = 0% (0 mmbf)**
L = 11.828	• **>12" = 43% (11.828 mmbf)**





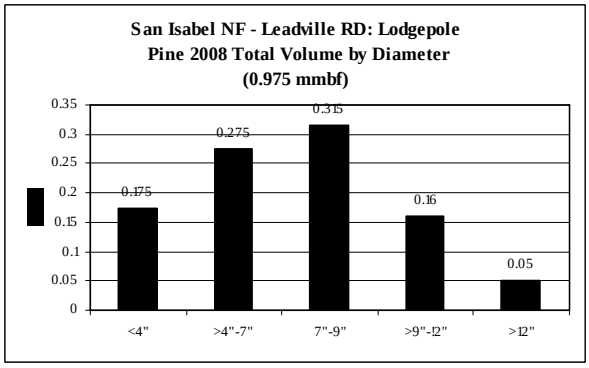
Colorado: Lodgepole Pine CROP offering '06 – '10 (by agency)

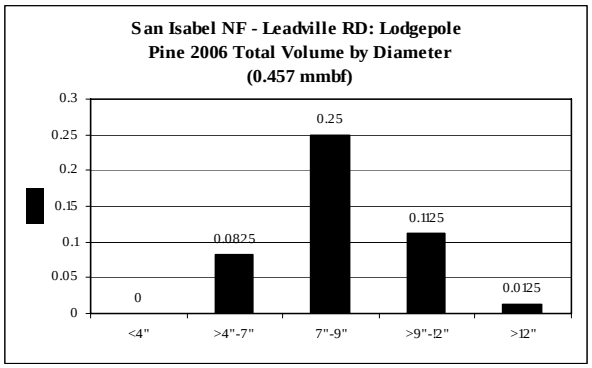
ROM # LP 1.16

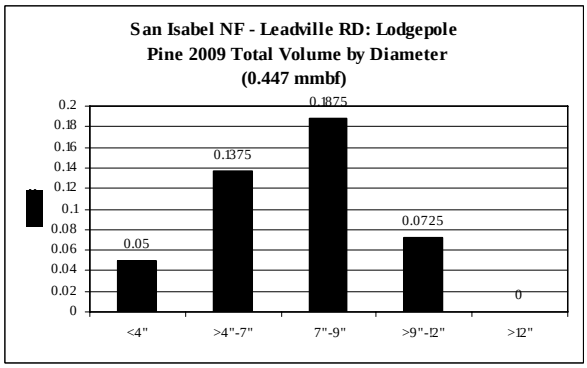
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

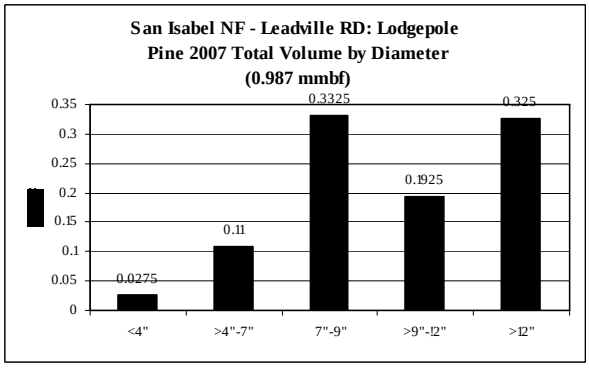
W

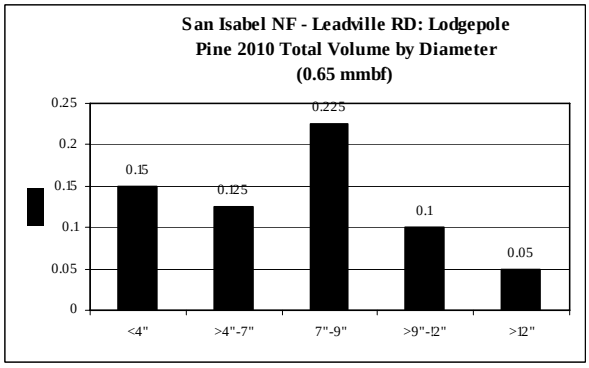
Lodgepole Pine **San Isabel NF:** ***Leadville RD***	***5-yr = 3.517 mmbf***
	• **Fairly level supply from year to year**
gT = 5,662	• **<4" = 11% (.402 mmbf)** • **>4"-7" = 21% (.73 mmbf)**
S = 1.947	• **>7"-9" = 37% (1.31 mmbf)** • **>9"-12" = 18% (.637 mmbf)** • **<12" = 0% (0 mmbf)**
L = .438	• **>12" = 12% (.438 mmbf)**







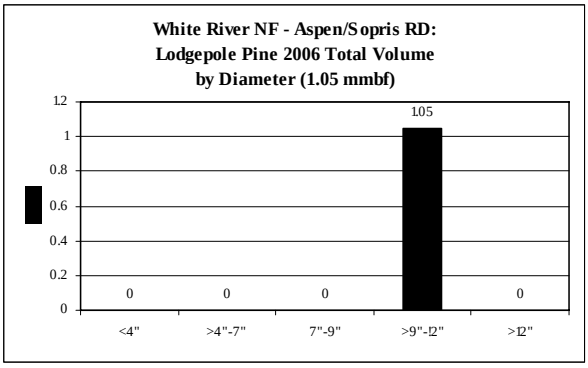




Colorado: ***Lodgepole Pine*** **CROP offering '06 – '10 (by agency)**

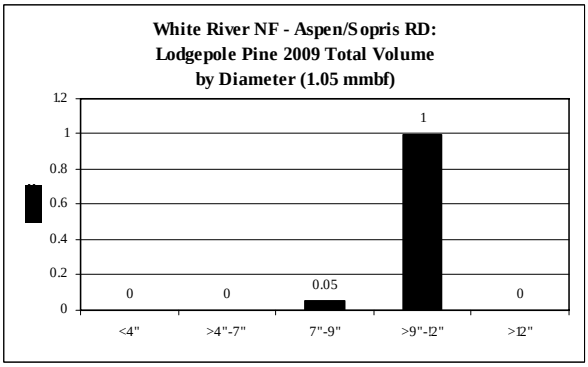
ROM # LP 1.17

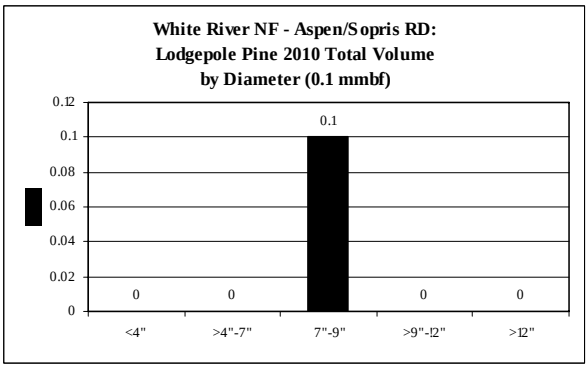
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)



Y

Lodgepole Pine **White River NF:** ***Aspen/Sopris RD***	***5-yr = 2.2 mmbf***
	• **No volume in '07 & '08; then unlevel supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = 2.2	• **>7"-9" = 7% (.15 mmbf)** • **>9"-12" = 93% (2.05 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**





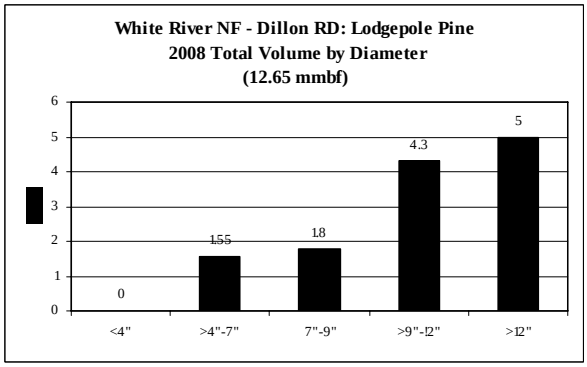
Colorado: ***Lodgepole Pine*** **CROP offering '06 – '10 (by agency)**

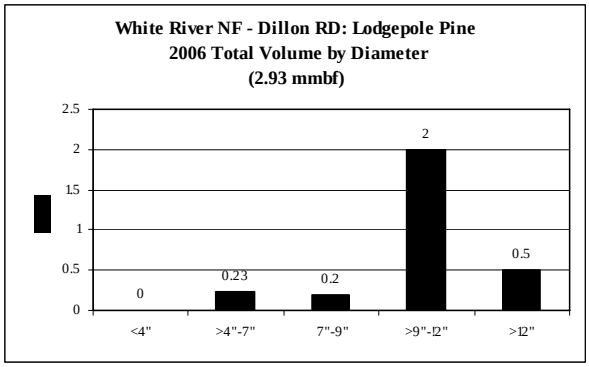
ROM # LP 1.18

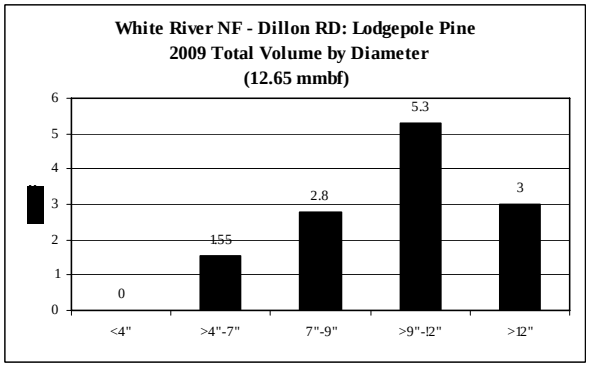
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

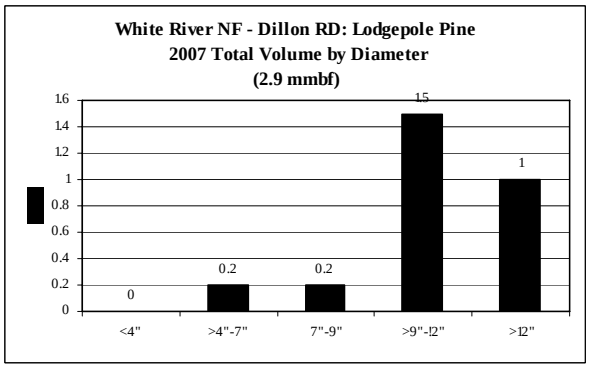
Z

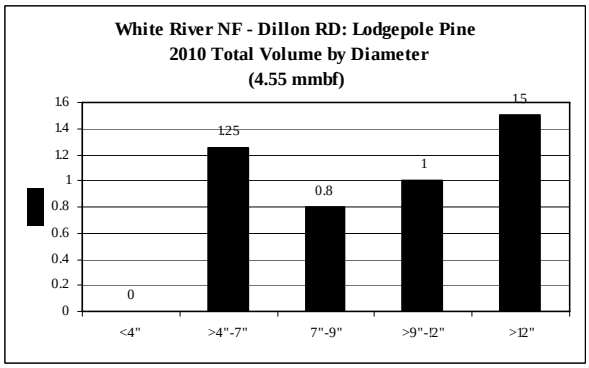
Lodgepole Pine **White River NF:** ***Dillon RD***	***5-yr = 35.68 mmbf***
	• **Unlevel supply from year to year**
gT = 23,900	• **<4" = 0% (0 mmbf)** • **>4"-7" = 13% (4.78 mmbf)**
S = 19.9	• **>7"-9" = 16% (5.8 mmbf)** • **>9"-12" = 40% (14.1 mmbf)** • **<12" = 0% (0 mmbf)**
L = 11	• **>12" = 31% (11 mmbf)**











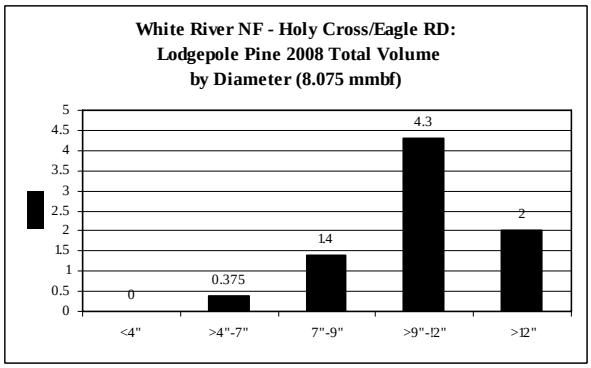
Colorado: *Lodgepole Pine* CROP offering '06 – '10 (by agency)

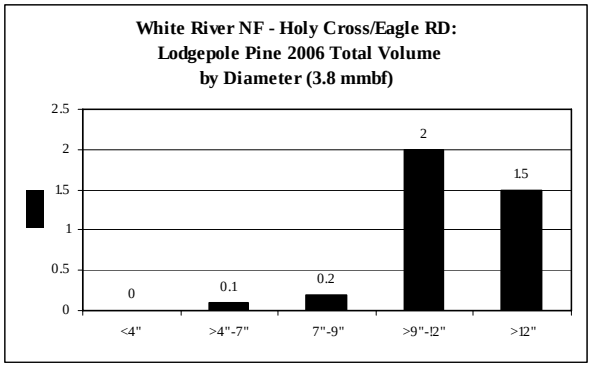
ROM # LP 1.19

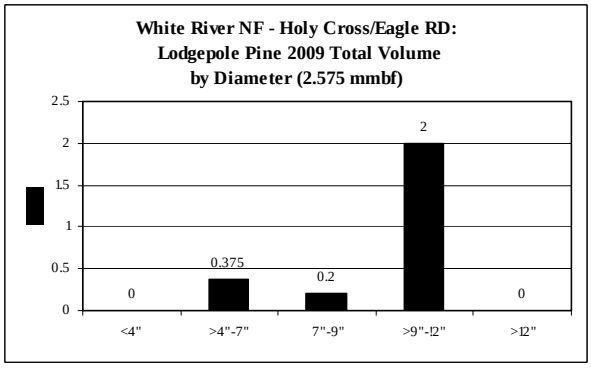
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

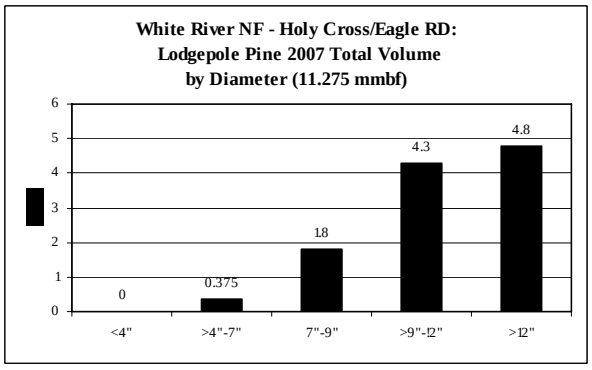
AA

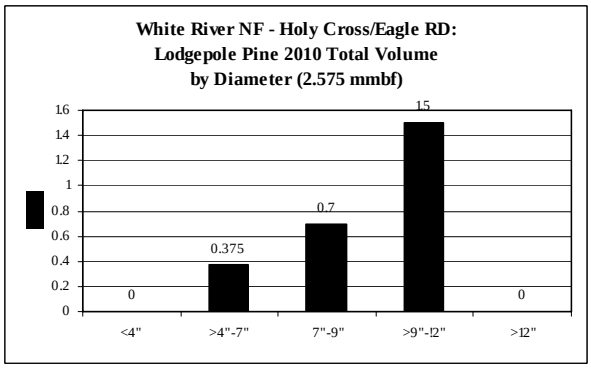
Lodgepole Pine **White River NF:** ***Holy Cross/Eagle RD***	***5-yr = 28.3 mmbf***
	• **Unlevel supply from year to year**
gT = 8,000	• **<4" = 0% (0 mmbf)** • **>4"-7" = 6% (1.6 mmbf)**
S = 18.4	• **>7"-9" = 15% (4.3 mmbf)** • **>9"-12" = 50% (14.1 mmbf)** • **<12" = 0% (0 mmbf)**
L = 8.3	• **>12" = 29% (8.3 mmbf)**











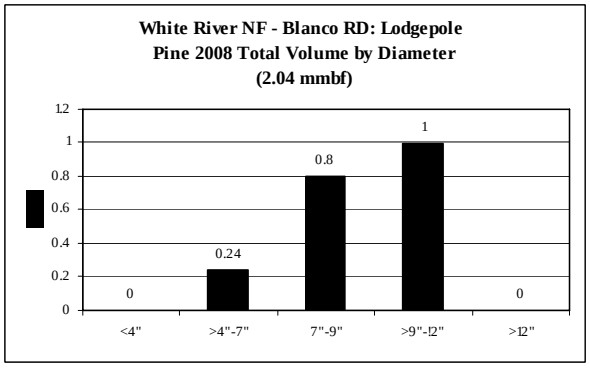
Colorado: ***Lodgepole Pine*** **CROP offering '06 – '10 (by agency)**

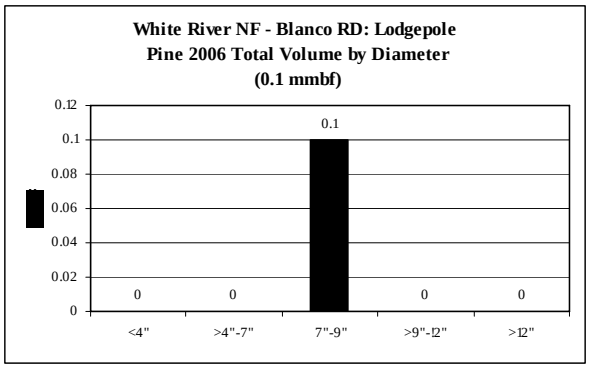
ROM # LP 1.20

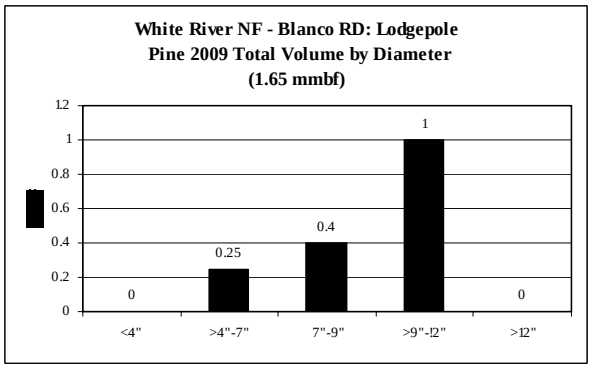
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

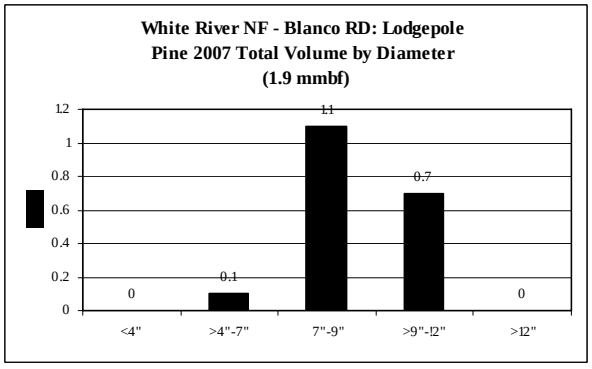
AB

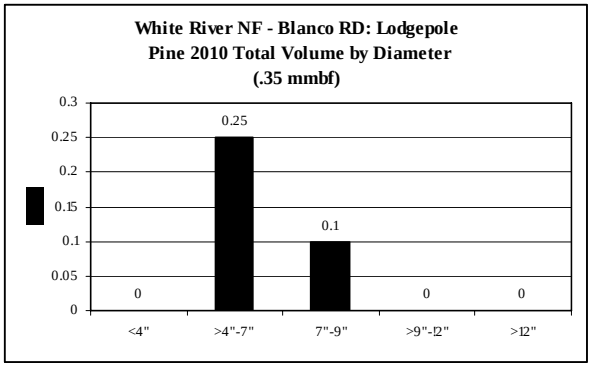
Lodgepole Pine **White River NF:** ***Blanco RD***	***5-yr = 6.04 mmbf***
	• **Unlevel supplyfrom year to year**
gT = 4,200	• **<4" = 0% (0 mmbf)** • **>4"-7" = 14% (.84 mmbf)**
S = 5.2	• **>7"-9" = 41% (2.5 mmbf)** • **>9"-12" = 45% (2.7 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**







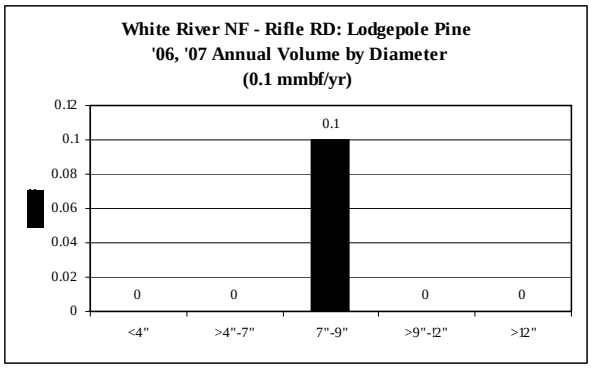


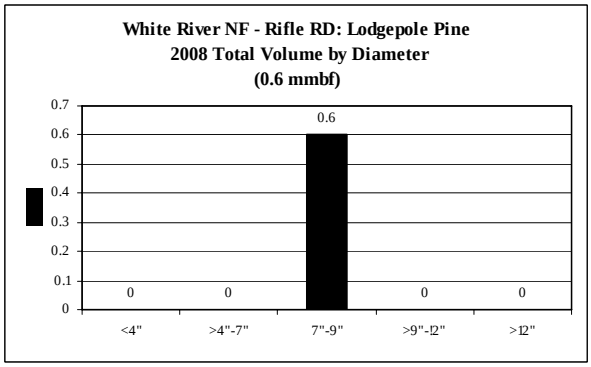


gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

Colorado: Lodgepole Pine CROP offering ‘06 – ‘10 (by agency)

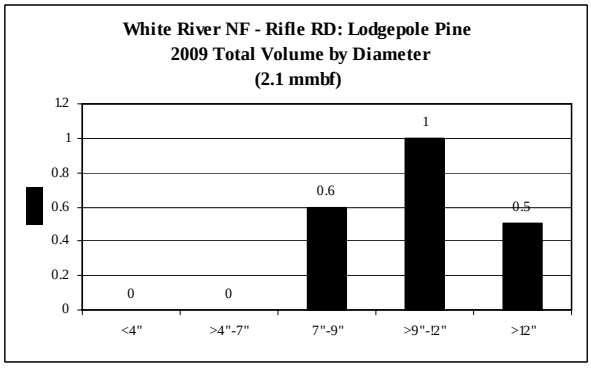
ROM # LP 1.21

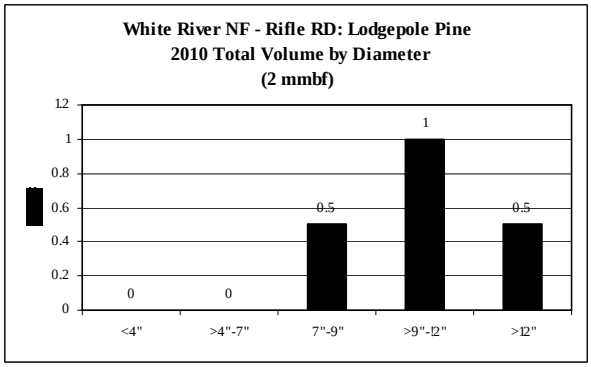




AC

Lodgepole Pine **White River NF:** ***Rifle RD***	***5-yr = 4.9 mmbf***
	• **Unlevel supply from year to year**
gT = 0	• **<4” = 0% (0 mmbf)** • **>4”-7” = 0% (0 mmbf)**
S = 3.9	• **>7”-9” = 39% (1.9 mmbf)** • **>9”-12” = 41% (2 mmbf)** • **<12” = 0% (0 mmbf)**
L = 1	• **>12” = 20% (1 mmbf)**





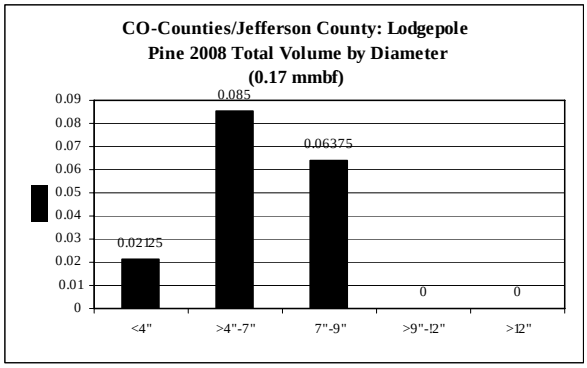
Colorado: Lodgepole Pine CROP offering '06 – '10 (by agency)

ROM # LP 1.22

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

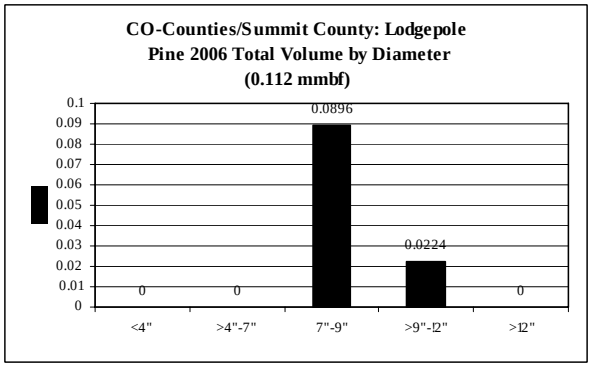
AD

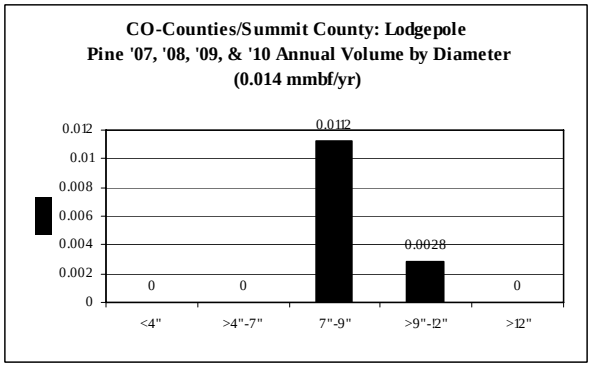
Lodgepole Pine **CO Counties:** ***Jefferson County***	***5-yr = .17 mmbf***
	• **Only offered in '08**
gT = 531.25	• **<4" = 12% (.0213 mmbf)** • **>4"-7" = 50% (.085 mmbf)**
S = .064	• **>7"-9" = 38% (.064 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**



AE

Lodgepole Pine **CO Counties:** ***Summit County***	***5-yr = .168 mmbf***
	• **Fairly level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .168	• **>7"-9" = 80% (.1344 mmbf)** • **>9"-12" = 20% (.0336 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**





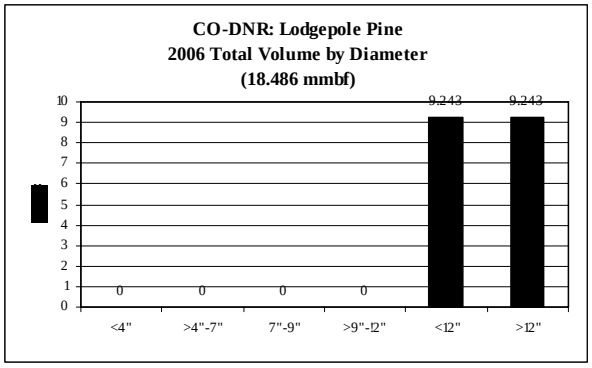
Colorado: <u>Lodgepole Pine</u> CROP offering '06 – '10 (by agency)

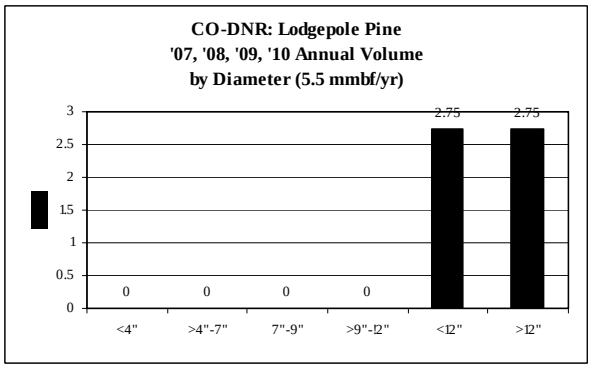
ROM # LP 1.23

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

AF

Lodgepole Pine **CO DNR:**	***5-yr = 40.486 mmbf***
	• **Dramatic drop in '07-'10**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = 20.243	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 50% (20.243 mmbf)**
L = 20.243	• **>12" = 50% (20.243 mmbf)**





Colorado: Ponderosa Pine CROP offering '06 – '10
(gT = 42,287.87 / S = 24.38 mmbf / L = 5.54 mmbf)

ROM # PP.1

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

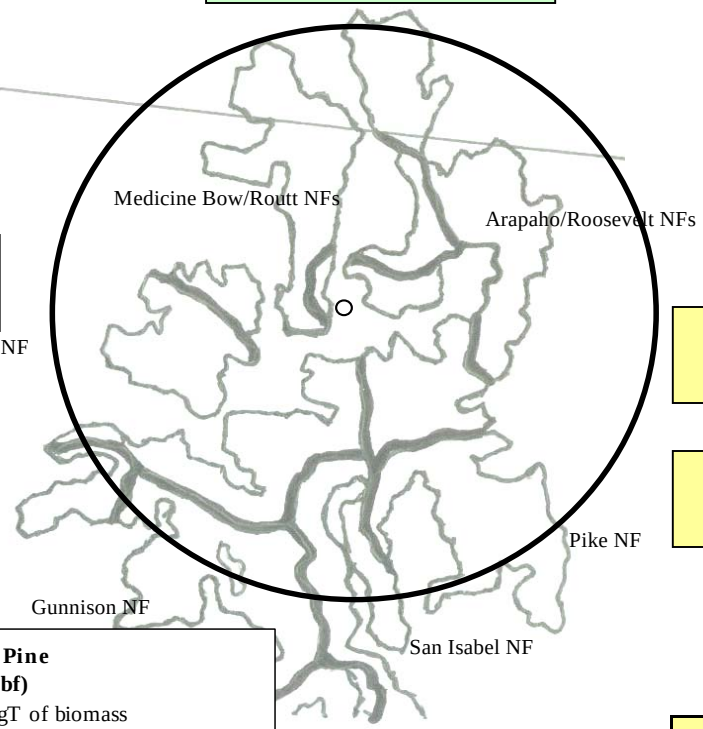
CO-BLM: 1 district – 3%
(gT = 4,950 / S = 0 / L = 0)

WY-BLM: 1 district – 5%
(gT = 0 / S = 1.75 / L = 0)

CO-Counties: 2 Counties 4%
(gT = 2,337 / S = .701 / L = .191)

San Isabel NF: 2 RDs – 26%
(gT = 2,093.75 / S = 7.181 / L = 2.444)

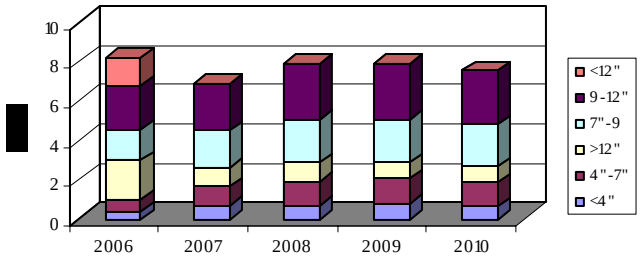
CO-DNR: – 7%
(gT = 0 / S = 1.41 / L + 1.41)



Arapaho/Roosevelt NF: 3 RDs – 16%
(gT = 25,370 / S = 1.015 / L = .19

Pike NF: 3 RDs – 39%
(gT = 7,536.6 / S = 12.324 / L = 1.313)

All Agencies: Ponderosa Pine
(5-yr total = 38.389 mmbf)
8.457575 mmbf is <7" = 42,287.87 gT of biomass
24.3827 mmbf is >7"-12" = small logs
5.54925 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	4878.125	5.22145	2.00825
2007	8253.75	4.23675	0.9755
2008	9531	5.0465	0.9575
2009	10349.75	5.0055	0.7975
2010	9275.25	4.8725	0.8105
Totals	42287.875	24.3827	5.54925
%	22%	64%	14%
	8.457575		

<u>*Ponderosa Pine*</u> CROP offering '06 – '10
(gT = 42,287.87 / S = 24.38 mmbf / L = 5.54 mmbf)

ROM # PP 2.1

PP= ponderosa pine

BLM:
- A Royal Gorge District (CO)
- B White River District (CO)
- C Little Snake District (CO)
- **D** ***Glenwood Springs District (CO)***
- E Kremmling District (CO)
- **F** ***Rawlins District (WY)***

WY - SFD:
- G SFD

Arapaho/Roosevelt NF:
- **H** ***Clear Creek RD***
- I Sulphur RD
- **J** ***Canyon Lakes RD***
- **K** ***Boulder RD***

Grand Mesa, U & G NFs:
- L Grand Valley RD
- M Gunnison RD
- N Paonia RD

Medicine Bow/Routt NFs:
- O Brush Creek/Hayden RD
- P Laramie RD
- Q Hahns Peak/Bears Ear RD
- R Parks RD
- S Yampa RD

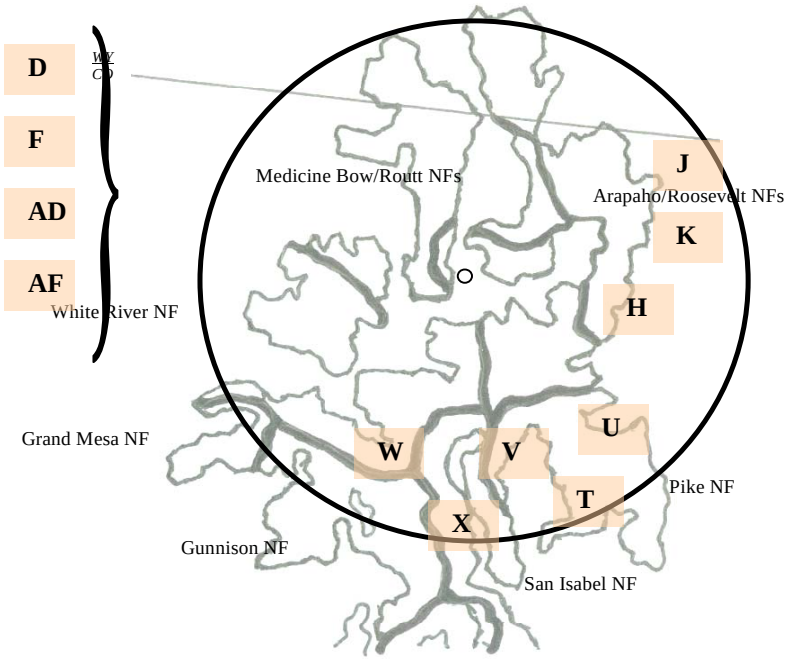
Pike NF:
- **T** ***Pikes Peak RD***
- **U** ***South Platte RD***
- **V** ***South Park RD***

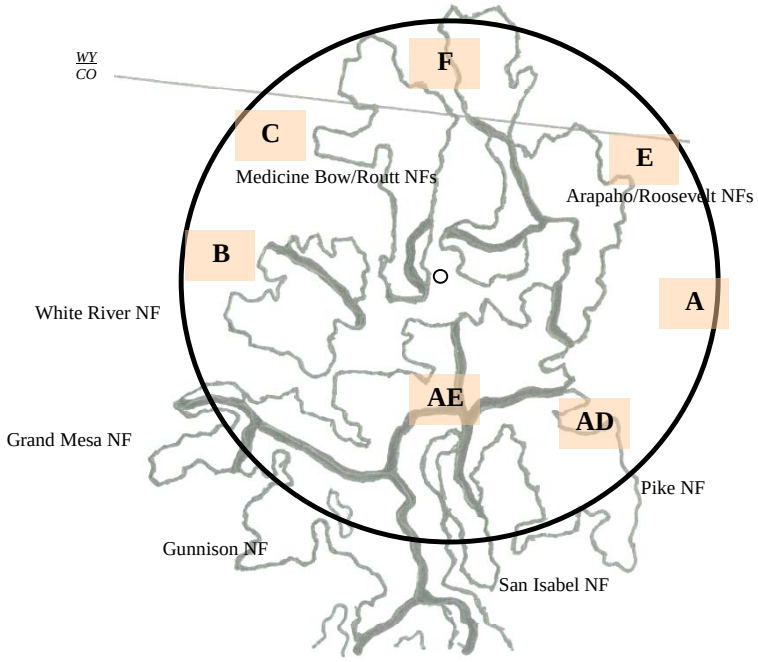
San Isabel NF:
- **W** ***Leadville RD***
- **X** ***Salida RD***

White River NF:
- Y Aspen/Sopris RD
- Z Dillon RD
- AA Holy Cross/Eagle RD
- AB Blanco RD
- AC Rifle RD

Colorado Counties:
- **AD** ***Jefferson Co.***
- AE Summit Co.

Colorado DNR:
- **AF** ***CO-DNR***

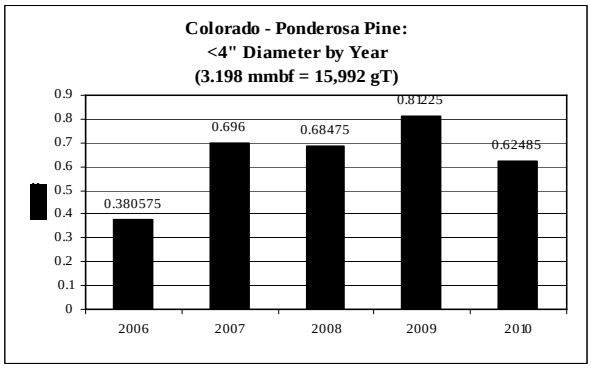


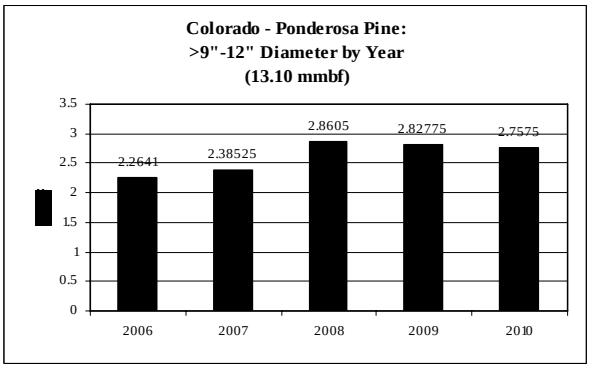


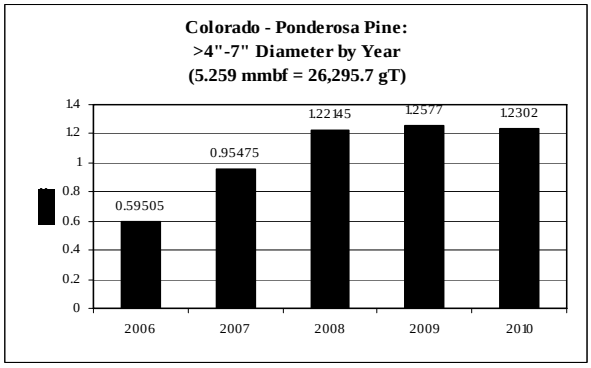
*italics/bold = species offering in CROP

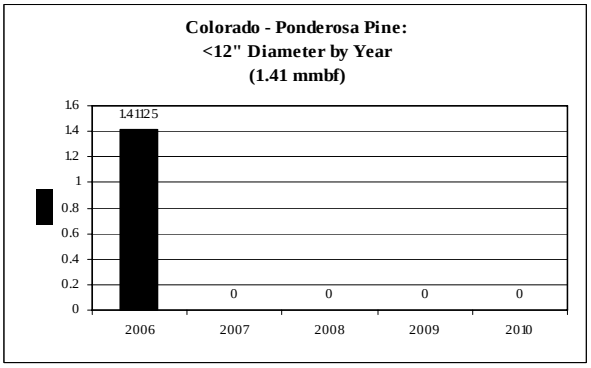
Colorado - Ponderosa Pine: Diameter by Year

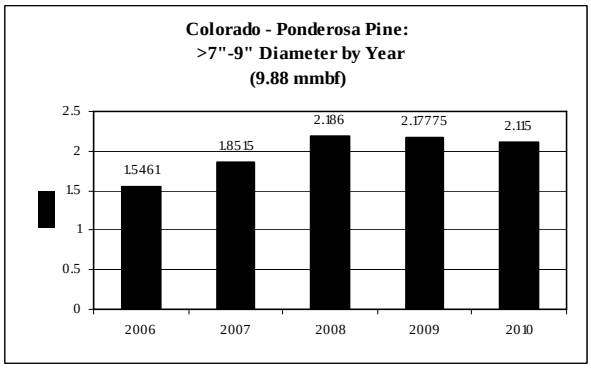
ROM # PP 2.2

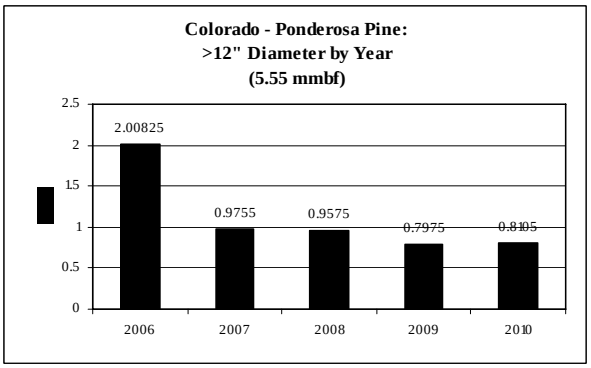








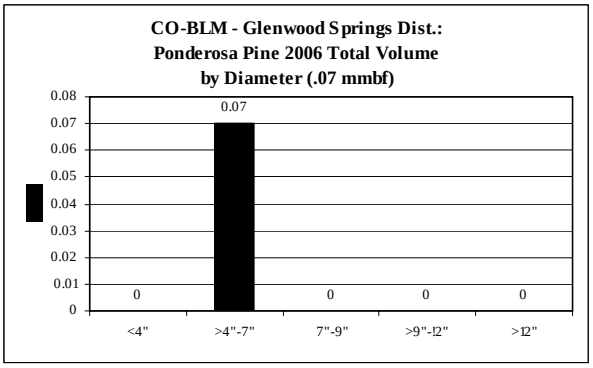




Ponderosa Pine **CROP offering '06 – '10 (by agency)**

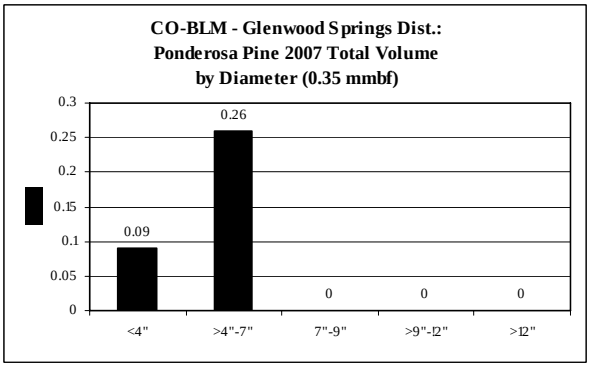
ROM # PP 2.3

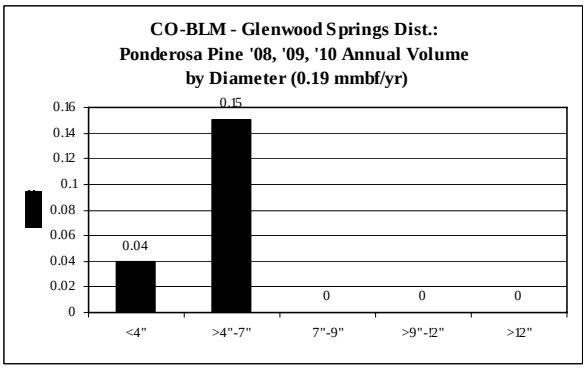
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)



D

Ponderosa Pine **CO-BLM:** ***Glenwood Springs Dist.***	***5-yr = .99 mmbf***
	• **Fairly level supply from year to year**
gT = 4,950	• **<4" = 21% (.21 mmbf)** • **>4"-7" = 79% (.78 mmbf)**
S = 0	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**





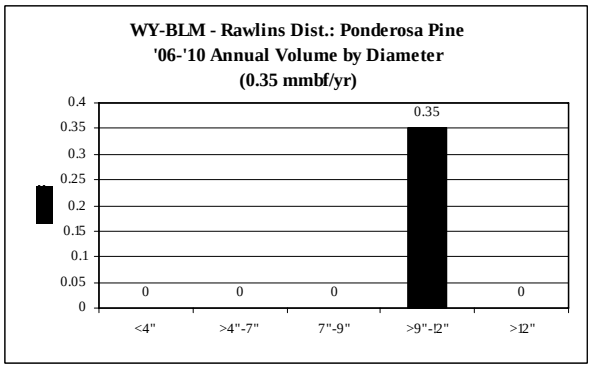
Ponderosa Pine **CROP offering '06 – '10 (by agency)**

ROM # PP 2.4

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

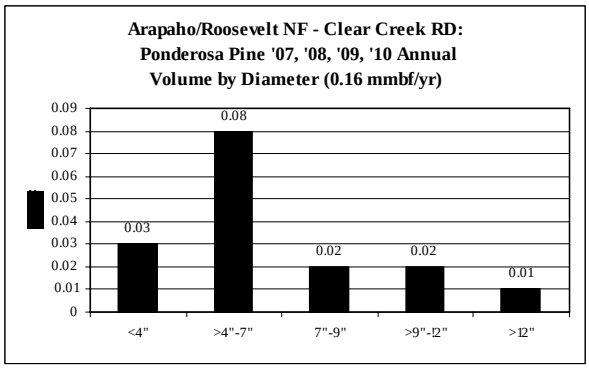
E

Ponderosa Pine **WY-BLM:** ***Rawlins Dist.***	***5-yr = 1.75 mmbf; .35 mmbf/yr***
	• **Level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0mmbf)**
S = 1.75	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 100% (1.75 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**



H

Ponderosa Pine **Arapaho/Roosevelt NF:** ***Clear Creek RD***	***5-yr = .64 mmbf***
	• **No volume in '06; then level supply from year to year**
gT = 2,200	• **<4" = 18% (.12 mmbf)** • **>4"-7" = 50% (.32 mmbf)**
S = .16	• **>7"-9" = 13% (.08 mmbf)** • **>9"-12" = 13% (.08 mmbf)** • **<12" = 0% (0 mmbf)**
L = .04	• **>12" = 6% (.04 mmbf)**



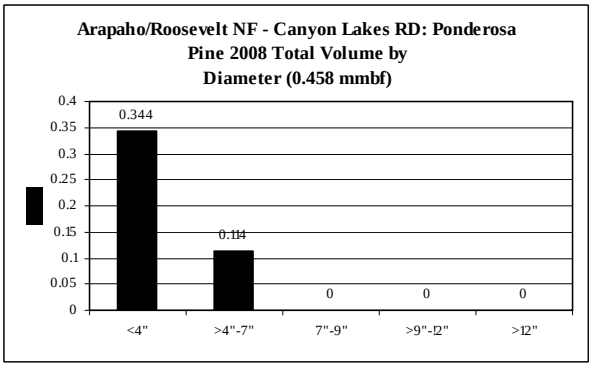
Ponderosa Pine **CROP offering '06 – '10 (by agency)**

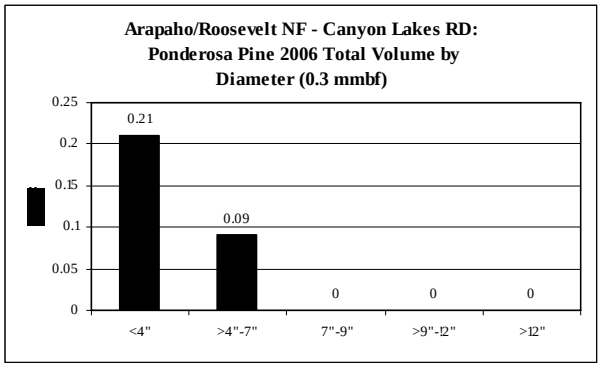
ROM # PP 2.5

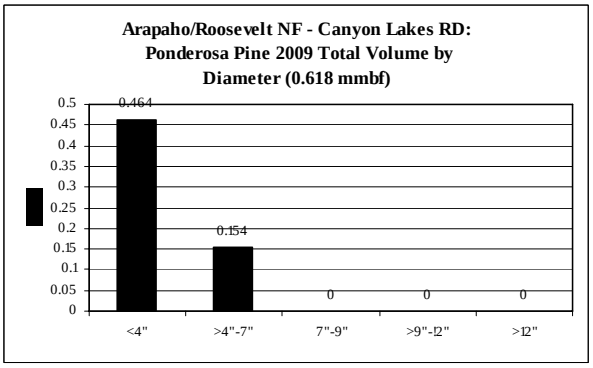
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

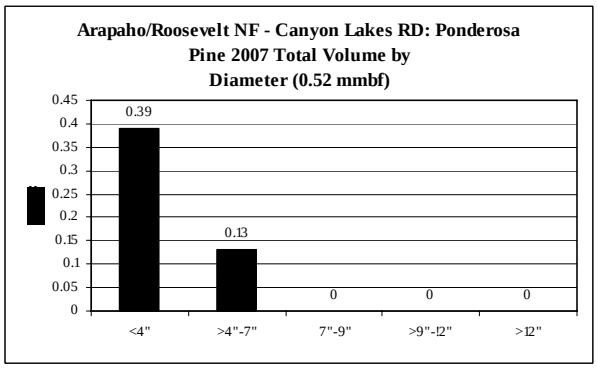
J

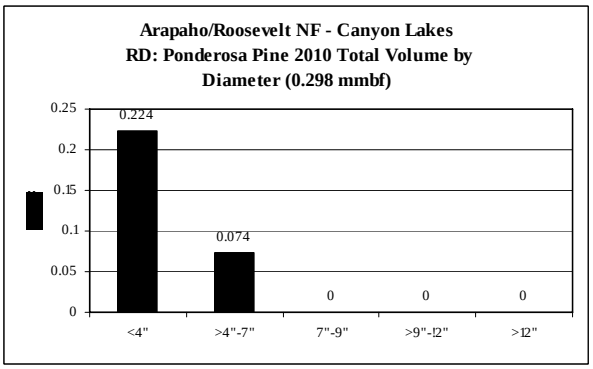
Ponderosa Pine **Arapaho/Roosevelt NF:** ***Canyon Lakes RD***	***5-yr = 2.194 mmbf***
	• **Fairly level supply from year to year**
gT = 10,970	• **<4" = 74% (1.632 mmbf)** • **>4"-7" = 26% (.562 mmbf)**
S = 0	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**











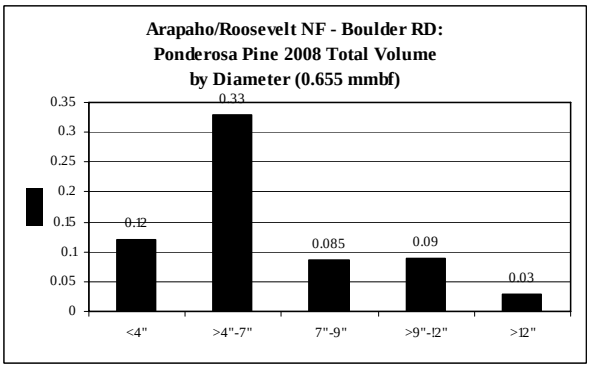
Ponderosa Pine **CROP offering '06 – '10 (by agency)**

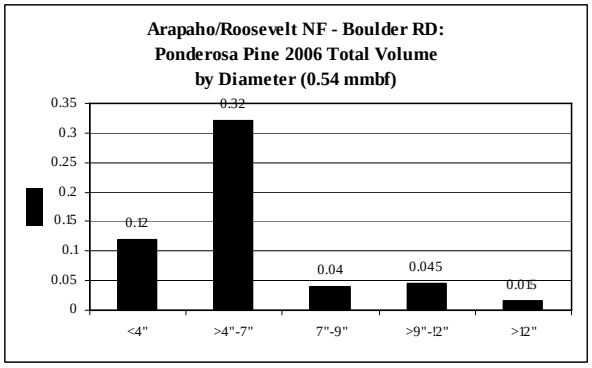
ROM # PP 2.6

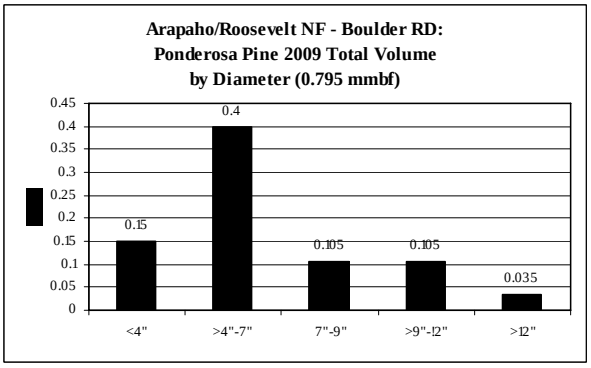
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

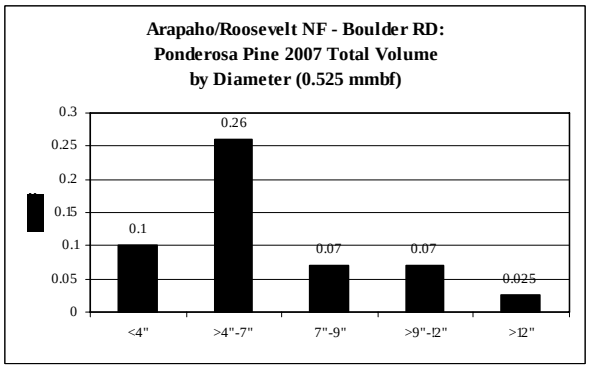
K

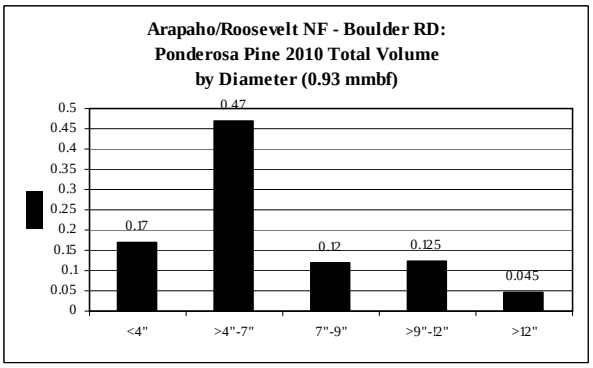
Ponderosa Pine **Arapaho/Roosevelt NF:** ***Boulder RD***	***5-yr = 3.445 mmbf***
	• **Fairly level supply from year to year**
gT = 12,200	• **<4" = 19% (.66 mmbf)** • **>4"-7" = 52% (1.78 mmbf)**
S = .855	• **>7"-9" = 12% (.42 mmbf)** • **>9"-12" = 13% (.435 mmbf)** • **<12" = 0% (0 mmbf)**
L = .15	• **>12" = 4% (.15 mmbf)**







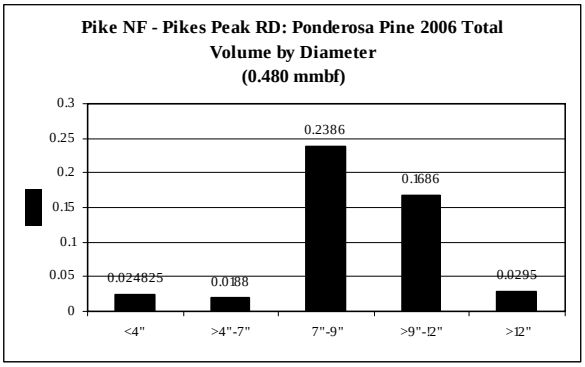


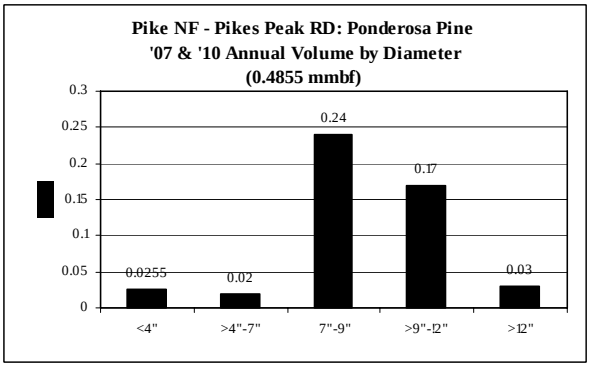


gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

Ponderosa Pine CROP offering ‘06 – ‘10 (by agency)

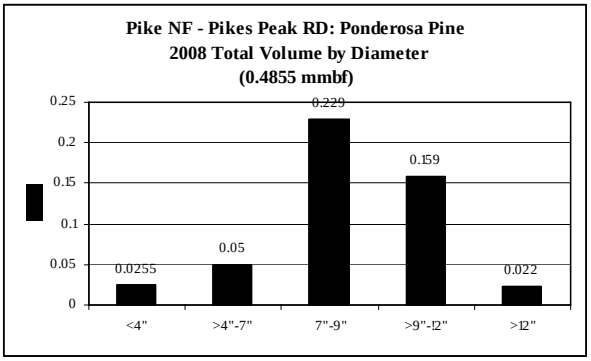
ROM # PP 2.7

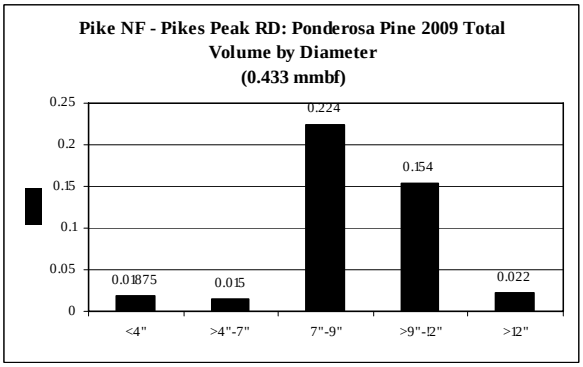




T

Ponderosa Pine **Pike NF:** ***Pikes Peak RD***	***5-yr = 2.37 mmbf***
	• **Level supply from year to year**
gT = 1,219.4	• **<4” = 5% (.120 mmbf)** • **>4”-7” = 5% (.124 mmbf)**
S = 1.993	• **>7”-9” = 49% (1.172 mmbf)** • **>9”-12” = 35% (.822 mmbf)** • **<12” = 0% (0 mmbf)**
L = .133	• **>12” = 6% (.133 mmbf)**





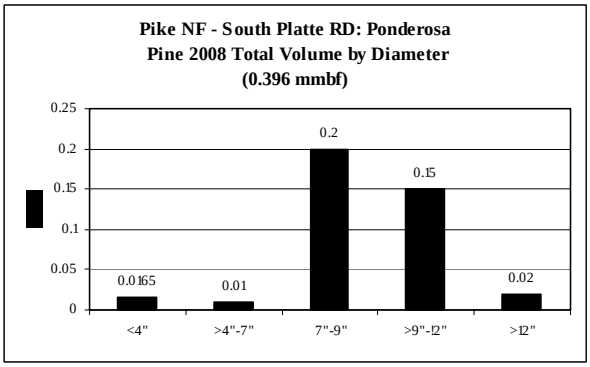
Ponderosa Pine **CROP offering '06 – '10 (by agency)**

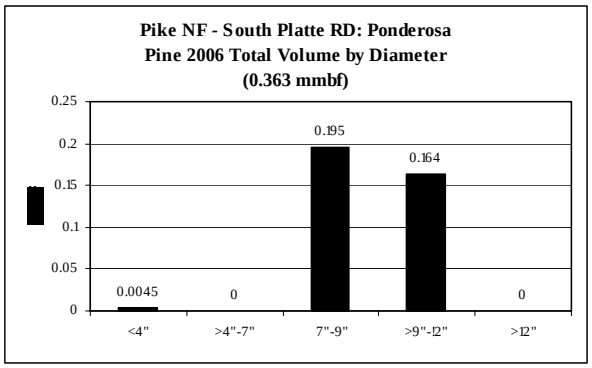
ROM # PP 2.8

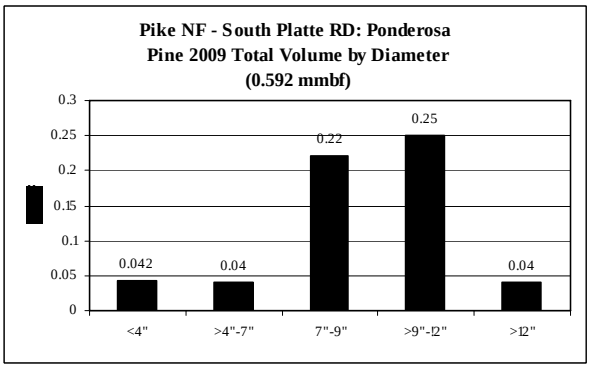
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

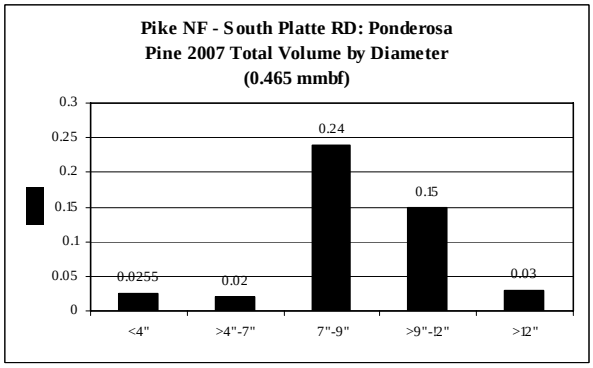
U

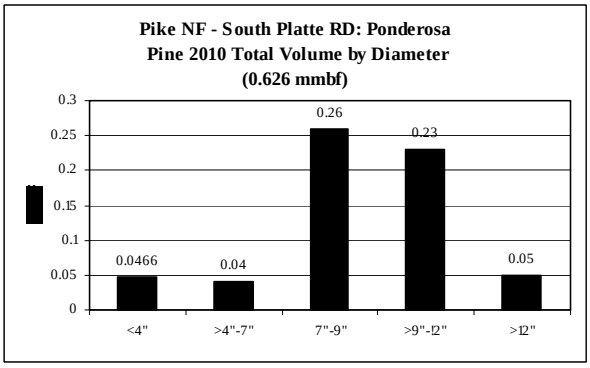
Ponderosa Pine **Pike NF*: South Platte RD***	***5-yr = 2.444 mmbf***
	• **Fairly level supply from year to year**
gT = 1,225	• **<4" = 5% (.135 mmbf)** • **>4"-7" = 4% (.11 mmbf)**
S = 2.059	• **>7"-9" = 46% (1.115 mmbf)** • **>9"-12" = 39% (.944 mmbf)** • **<12" = 0% (0 mmbf)**
L = .14	• **>12" = 6% (.14 mmbf)**







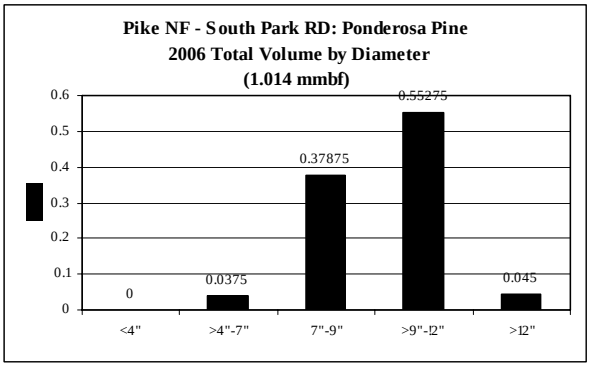


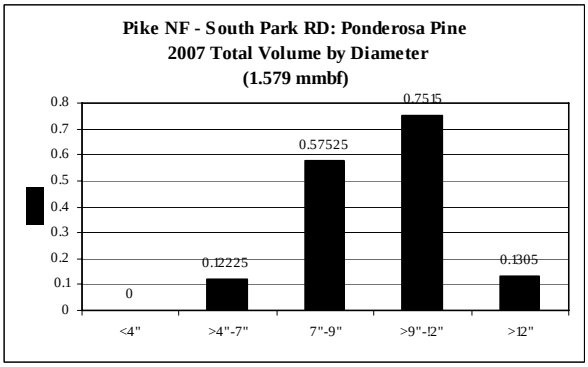


gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

Ponderosa Pine CROP offering ‘06 – ‘10 (by agency)

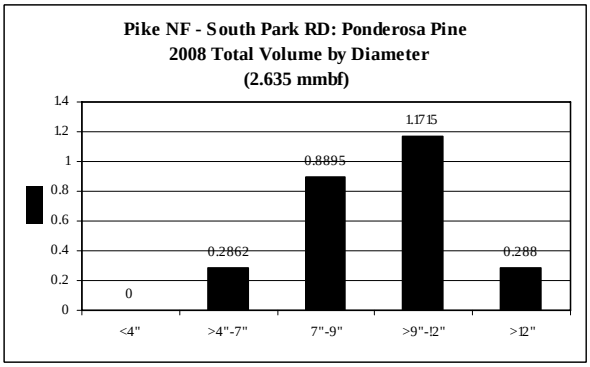
ROM # PP 2.9

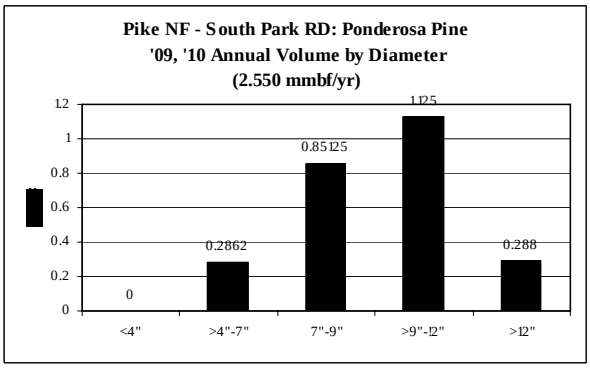




V

Ponderosa Pine **Pike NF:** ***South Park RD***	***5-yr = 10.328 mmbf***
	• **Fairly level supply from year to year**
gT = 5,091.7	• **<4” = 0% (0 mmbf)** • **>4”-7” = 10% (1.018 mmbf)**
S = 8.272	• **>7”-9” = 34% (3.546 mmbf)** • **>9”-12” = 46% (4.725 mmbf)** • **<12” = 0% (0 mmbf)**
L = 1.039	• **>12” = 10% (1.039 mmbf)**





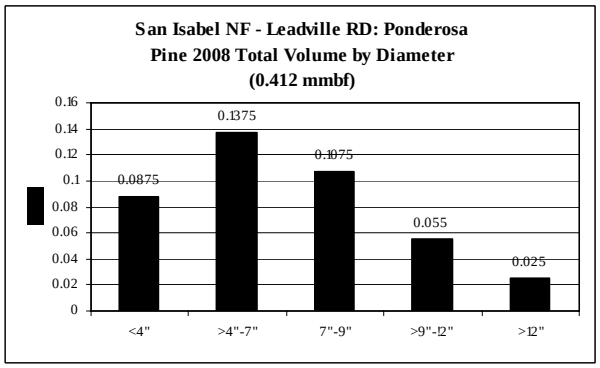
Ponderosa Pine **CROP offering '06 – '10 (by agency)**

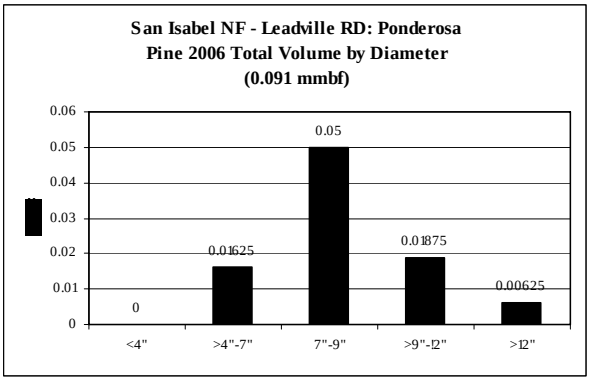
ROM # PP 2.10

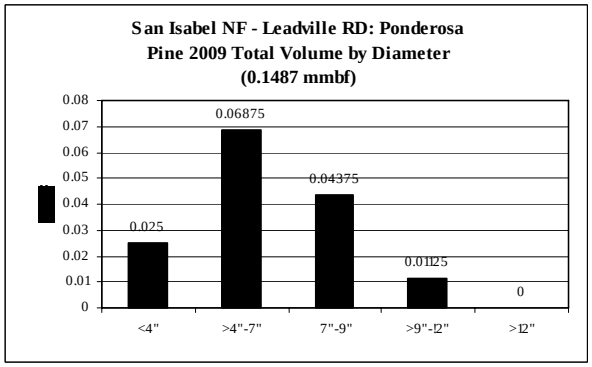
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

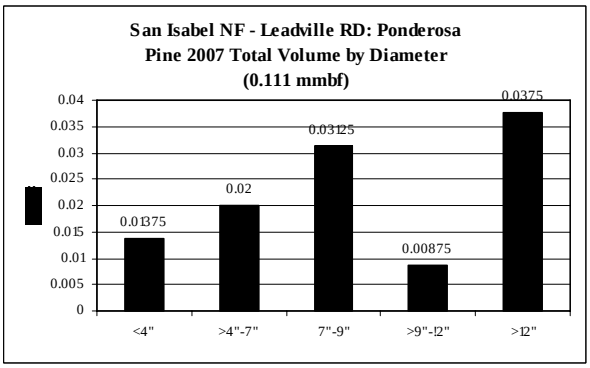
W

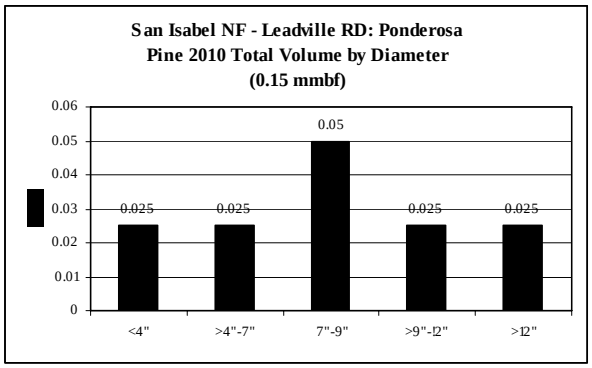
Ponderosa Pine **San Isabel NF:** ***Leadville RD***	***5-yr = .9136 mmbf***
	• **Level supply from year to year**
gT = 2,093.75	• **<4" = 17% (.1512 mmbf)** • **>4"-7" = 29% (.2675 mmbf)**
S = .4012	• **>7"-9" = 31% (.2825 mmbf)** • **>9"-12" = 13% (.1187 mmbf)** • **<12" = 0% (0 mmbf)**
L = .0937	• **>12" = 10% (.0937 mmbf)**











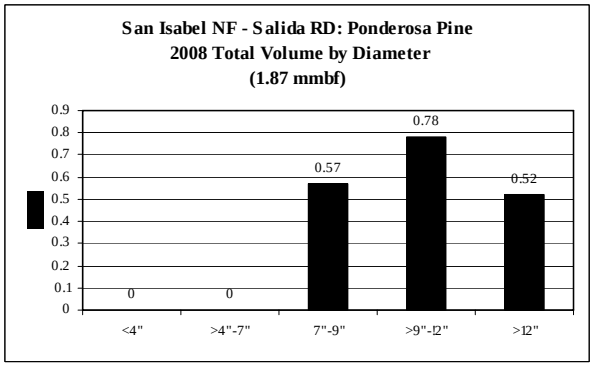
Ponderosa Pine **CROP offering '06 – '10 (by agency)**

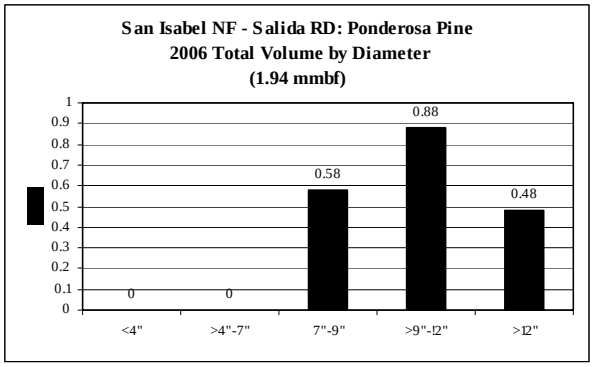
ROM # PP 2.11

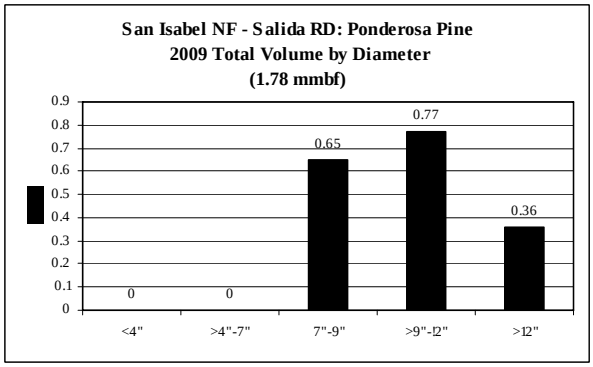
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

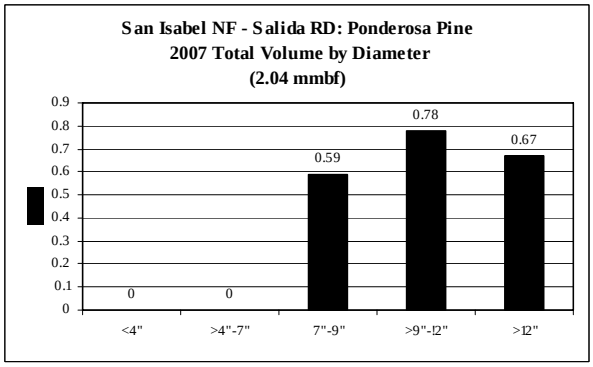
X

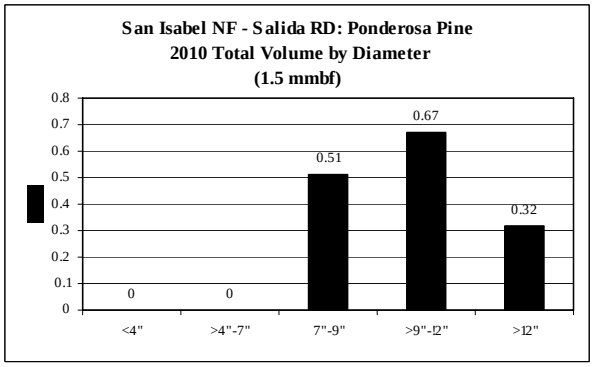
Ponderosa Pine **San Isabel NF:** ***Salida RD***	***5-yr = 9.13 mmbf***
	• **Fairly level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = 6.78	• **>7"-9" = 32% (2.9 mmbf)** • **>9"-12" = 42% (3.88 mmbf)** • **<12" = 0% (0 mmbf)**
L = 2.35	• **>12" = 26% (2.35 mmbf)**











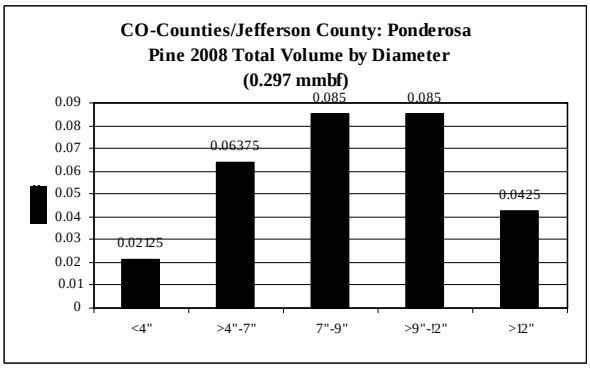
Ponderosa Pine **CROP offering '06 – '10 (by agency)**

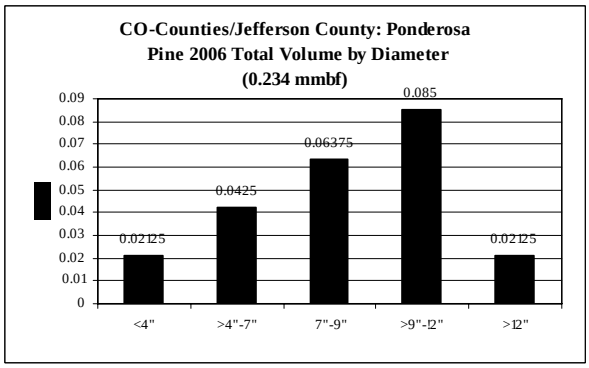
ROM # PP 2.12

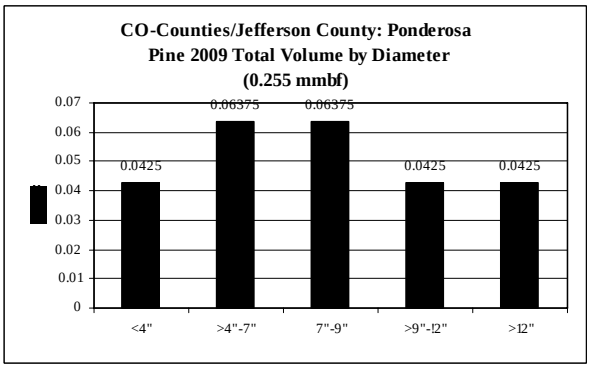
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

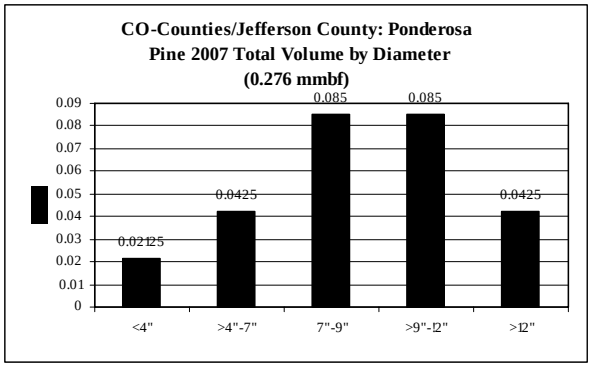
AD

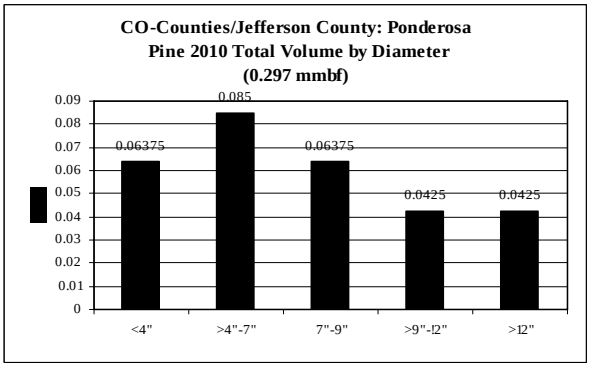
Ponderosa Pine **CO Counties:** ***Jefferson County***	***5-yr = 1.359 mmbf***
	• **Fairly level supply from year to year**
gT = 2,337	• **<4" = 12% (.17 mmbf)** • **>4"-7" = 22% (.297 mmbf)**
S = .701	• **>7"-9" = 27% (.361 mmbf)** • **>9"-12" = 25% (.34 mmbf)** • **<12" = 0% (0 mmbf)**
L = .191	• **>12" = 14% (.191 mmbf)**











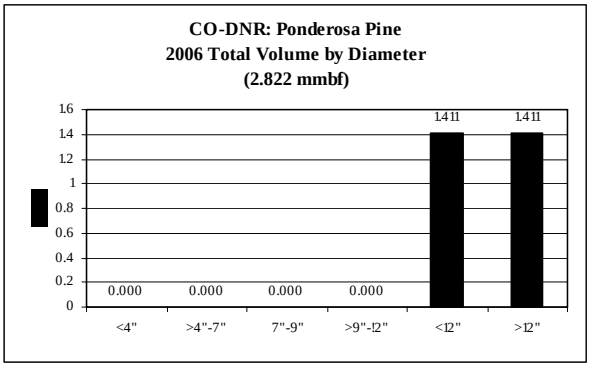
<u>*Ponderosa Pine*</u> CROP offering '06 – '10
(by agency)

ROM # PP 2.13

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

AF

Ponderosa Pine **CO DNR:**	***5-yr = 2.822 mmbf***
	• **Only offered in '06**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = 1.411	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 50% (1.411 mmbf)**
L = 1.411	• **>12" = 50% (1.411 mmbf)**



Colorado: Douglas Fir CROP offering '06 – '10
(gT = 62,038 / S = 10.65 mmbf / L = 2.425 mmbf)

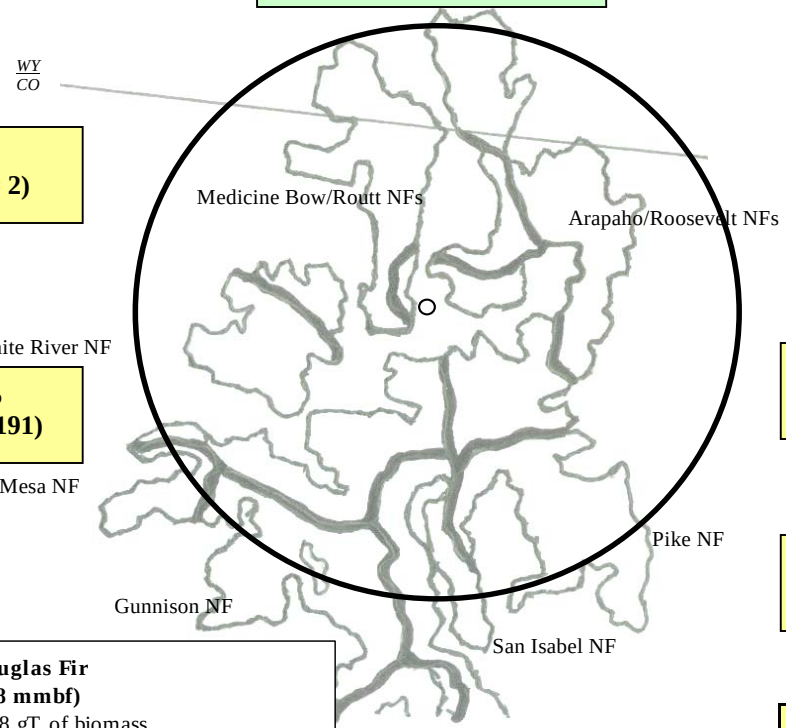
ROM # DF 1

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

CO-BLM: 1 district – 4%
(gT = 0 / S = 1 / L = 0

WY-BLM: 1 district – 3%
(gT = 0 / S = .75 / L = 0)

Pike NF: 3 RDs – 48%
(gT = 13,833 / S = 7.5816 / L = 2)

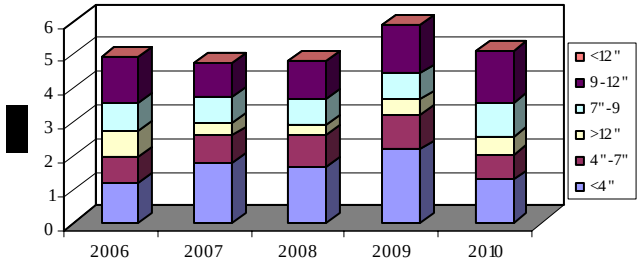


CO-Counties: 1 County 5%
(gT = 2,231.2 / S = .6587 / L = .191)

Arapaho/Roosevelt NF: 1 RD – 34%
(gT = 43,880 / S = 0 / L = 0)

San Isabel NF: 2 RDs – 5%
(gT = 2,093.5 / S = .6612 / L = .2337)

All Agencies: Douglas Fir
(5-yr total = 25.48 mmbf)
12.4 mmbf is <7" = 62,038 gT of biomass
10.651 mmbf is >7"-12" = small logs
2.425 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	9781.5	2.17715	0.7834
2007	12911.25	1.81225	0.3635
2008	13120.75	1.889	0.31025
2009	16152	2.232	0.4265
2010	10072.75	2.54125	0.54225
Totals	62038.25	10.65165	2.4259
%	49%	42%	10%
	12.40765		

<u>*Douglas Fir*</u> CROP offering '06 – '10
(gT = 62,038 / S = 10.65 mmbf / L = 2.425 mmbf)

ROM # DF 1.1

DF = Douglas fir

<u>BLM</u>:

A	Royal Gorge District (CO)
B	***White River District (CO)***
C	Little Snake District (CO)
D	Glenwood Springs District (CO)
E	Kremmling District (CO)
F	***Rawlins District (WY)***

<u>WY - SFD</u>:

G	SFD

<u>Arapaho/Roosevelt NF</u>:

H	Clear Creek RD
I	Sulphur RD
J	***Canyon Lakes RD***
K	Boulder RD

<u>Grand Mesa, U & G NFs</u>:

L	Grand Valley RD
M	Gunnison RD
N	Paonia RD

<u>Medicine Bow/Routt NFs</u>:

O	Brush Creek/Hayden RD
P	Laramie RD
Q	Hahns Peak/Bears Ear RD
R	Parks RD
S	Yampa RD

<u>Pike NF</u>:

T	***Pikes Peak RD***
U	***South Platte RD***
V	***South Park RD***

<u>San Isabel NF</u>:

W	***Leadville RD***
X	***Salida RD***

<u>White River NF</u>:

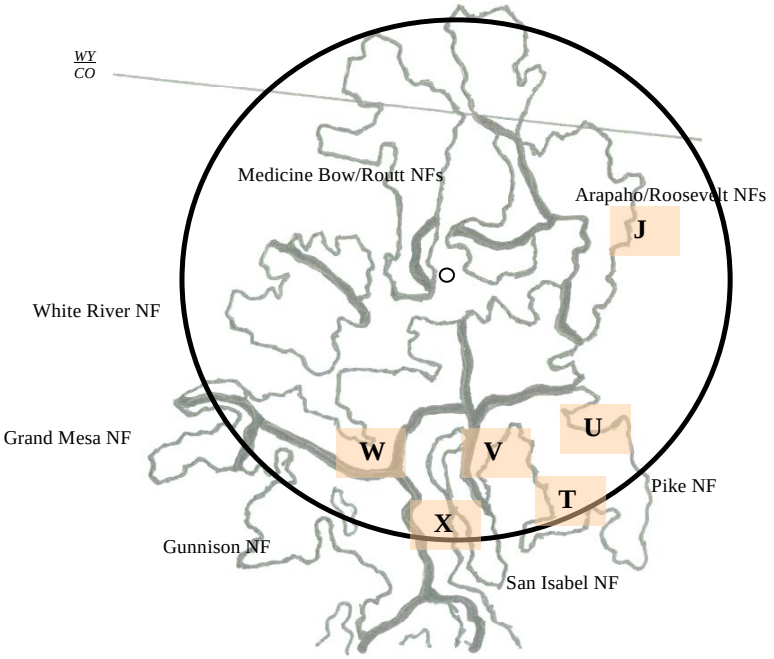
Y	Aspen/Sopris RD
Z	Dillon RD
AA	Holy Cross/Eagle RD
AB	Blanco RD
AC	Rifle RD

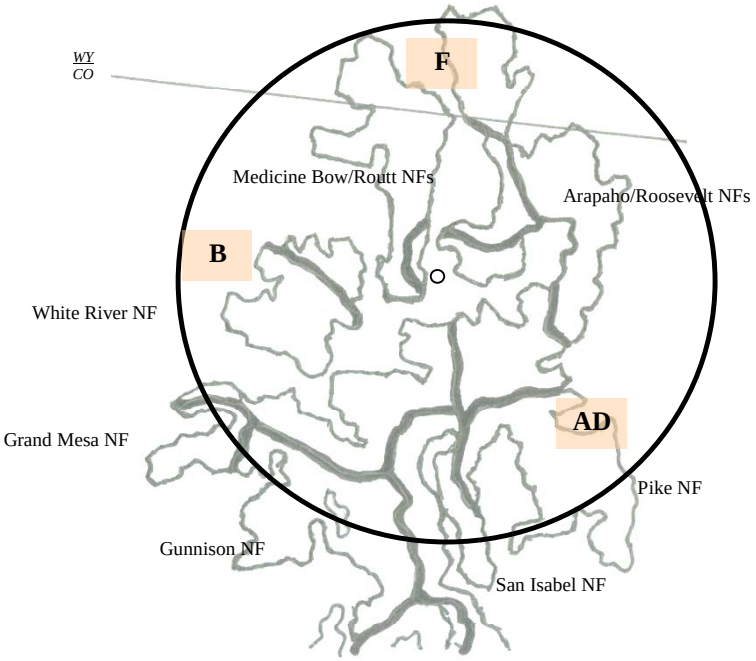
<u>Colorado Counties</u>:

AD	***Jefferson Co.***
AE	Summit Co.

<u>Colorado DNR</u>:

AF	CO-DNR

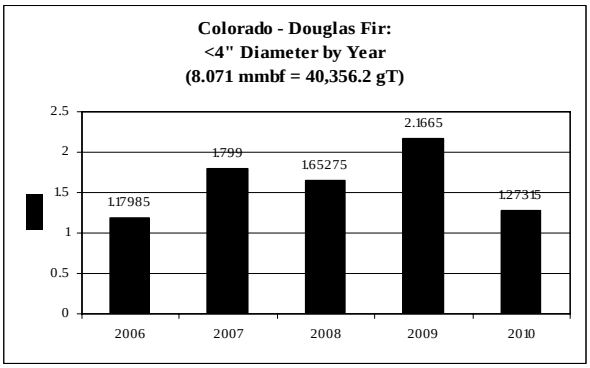


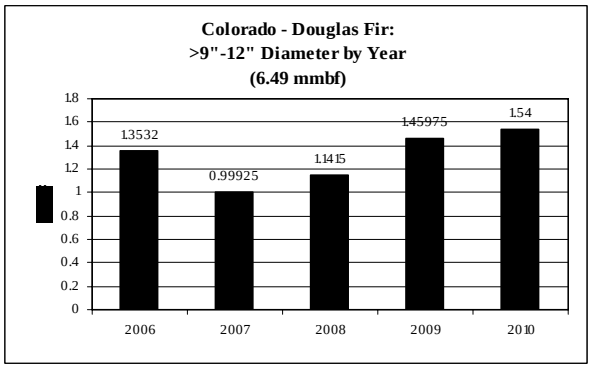


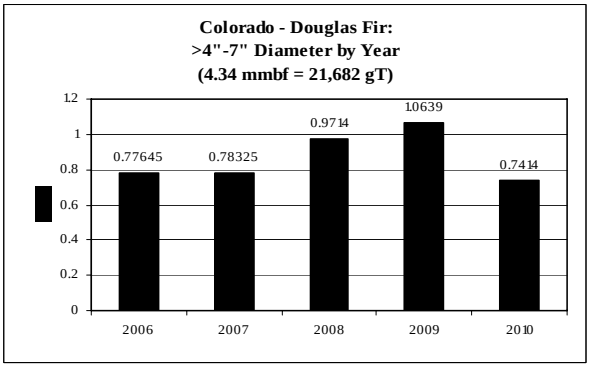
*italics/bold = species offering in CROP

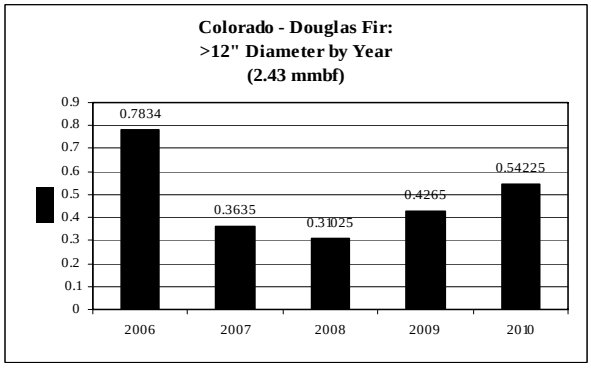
Colorado - Douglas Fir: Diameter by Year

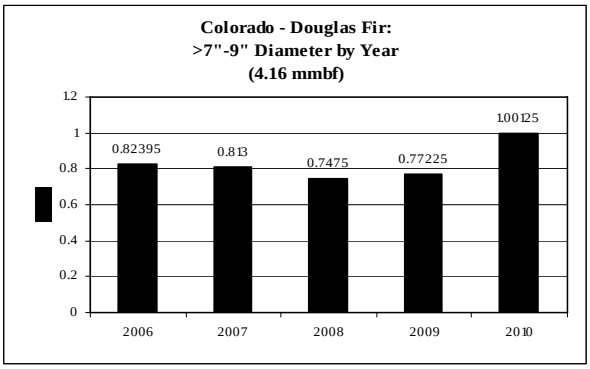
ROM # DF 1.2











Note: No volume for <12" dbh

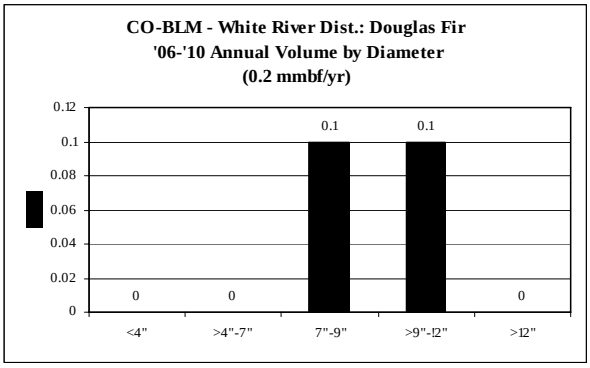
Douglas Fir **CROP offering '06 – '10 (by agency)**

ROM # DF 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

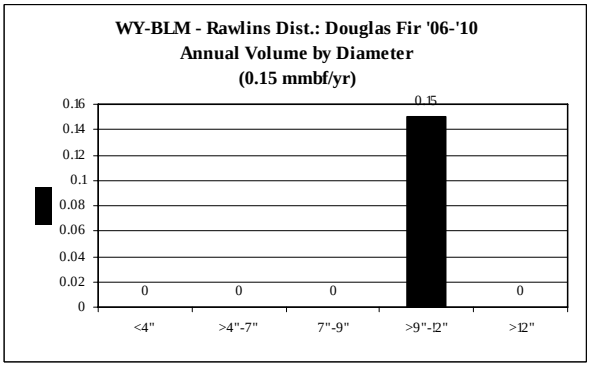
B

Douglas Fir **CO-BLM:** ***White River Dist.***	***5-yr = 1 mmbf; .2 mmbf/yr***
	• **Level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = 1	• **>7"-9" = 50% (0.5 mmbf)** • **>9"-12" = 50% (0.5 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**



F

Douglas Fir **WY-BLM:** ***Rawlins Dist.***	***5-yr = .75 mmbf; .15 mmbf/yr***
	• **Level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .75	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 100% (.75 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**



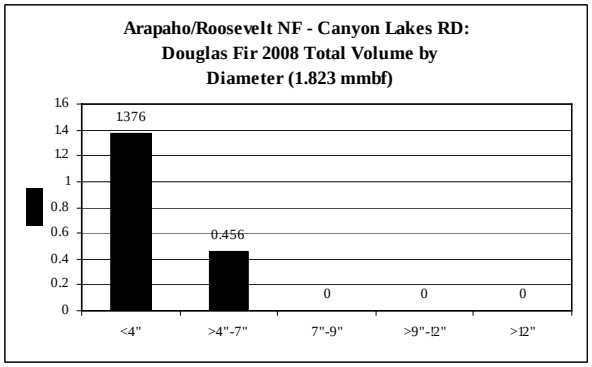
Douglas Fir **CROP offering '06 – '10 (by agency)**

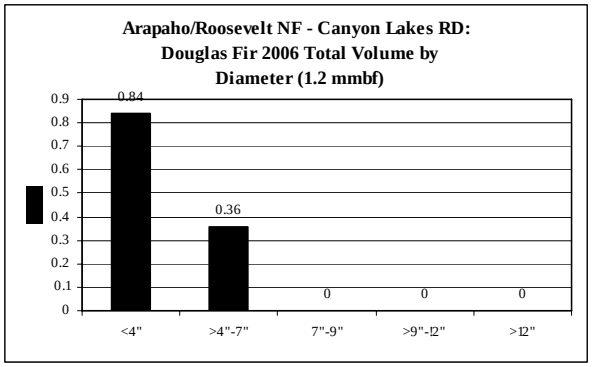
ROM # DF 1.4

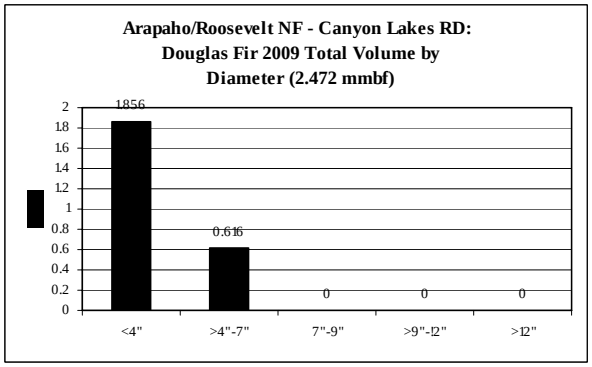
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

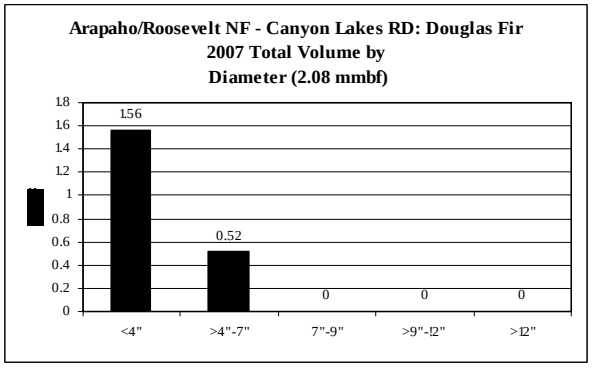
J

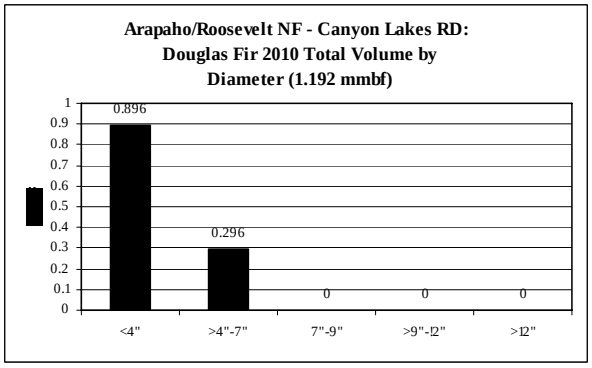
Douglas Fir **Arapaho-Roosevelt NF:** ***Canyon Lakes Dist.***	***5-yr = 8.776 mmbf***
	• **Fairly level supply from year to year**
gT = 43,880	• **<4" = 74% (6.528 mmbf)** • **>4"-7" = 26% (2.248 mmbf)**
S = 0	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**







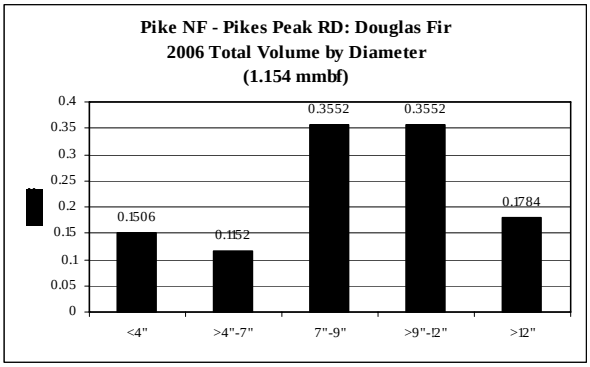


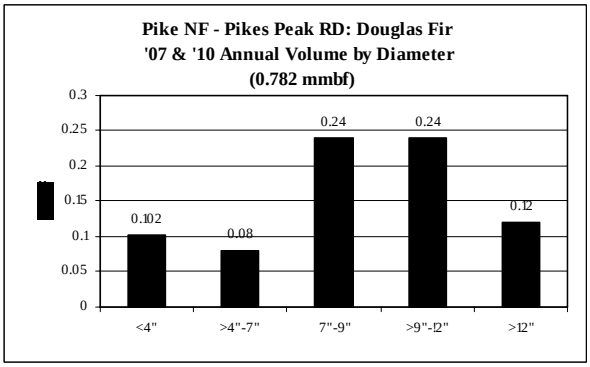


gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

Douglas Fir CROP offering ‘06 – ‘10 (by agency)

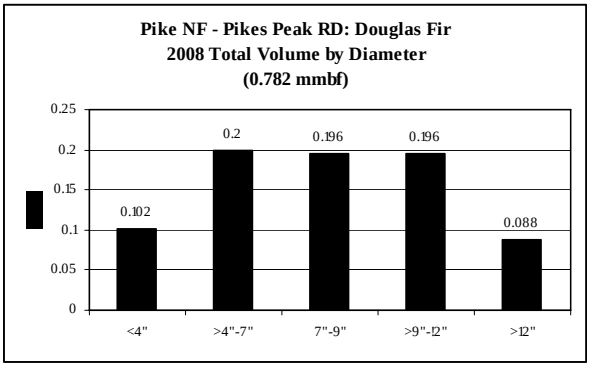
ROM # DF 1.5

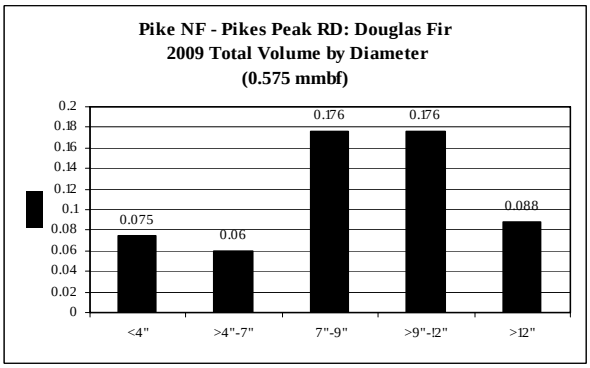




T

Douglas Fir **Pikes Peak NF:** ***Pikes Peak RD***	***5-yr = 4.075 mmbf***
	• **Fairly level supply from year to year**
gT = 5,334	• **<4” = 13% (.5316 mmbf)** • **>4”-7” = 13% (.5352 mmbf)**
S = 2.414	• **>7”-9” = 30% (1.207 mmbf)** • **>9”-12” = 30% (1.207 mmbf)** • **<12” = 0% (0 mmbf)**
L = .594	• **>12” = 14% (.594 mmbf)**





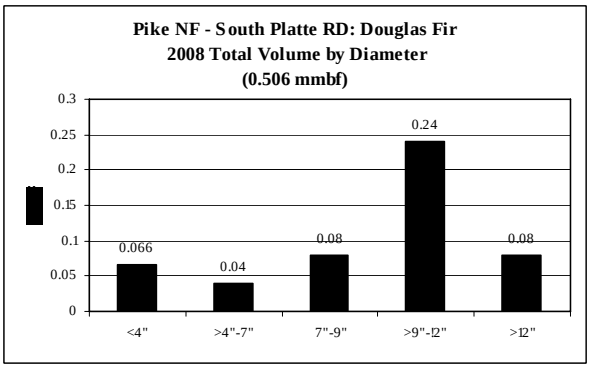
Douglas Fir **CROP offering '06 – '10 (by agency)**

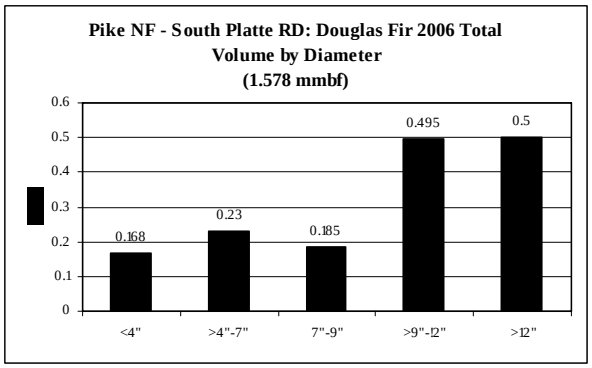
ROM # DF 1.6

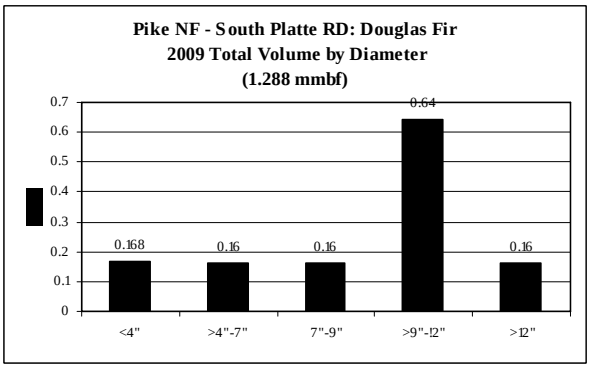
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

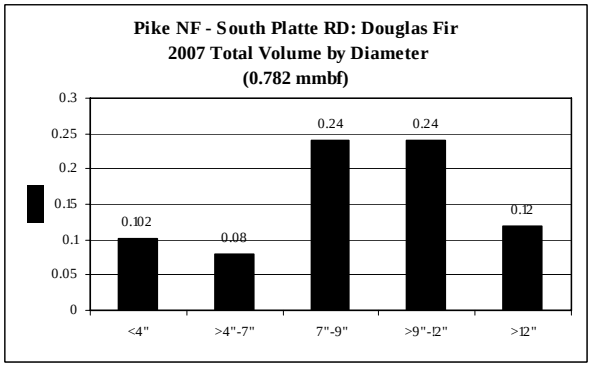
U

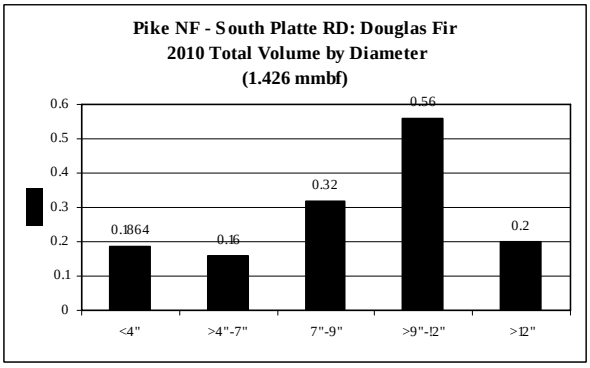
Douglas Fir **Pikes Peak NF:** ***South Platte RD***	***5-yr = 5.58 mmbf***
	• **Fairly level supply from year to year**
gT = 6,802	• **<4" = 12% (.6904 mmbf)** • **>4"-7" = 12% (.67 mmbf)**
S = 3.16	• **>7"-9" = 18% (.985 mmbf)** • **>9"-12" = 39% (2.175 mmbf)** • **<12" = 0% (0 mmbf)**
L = 1.06	• **>12" = 19% (1.06 mmbf)**







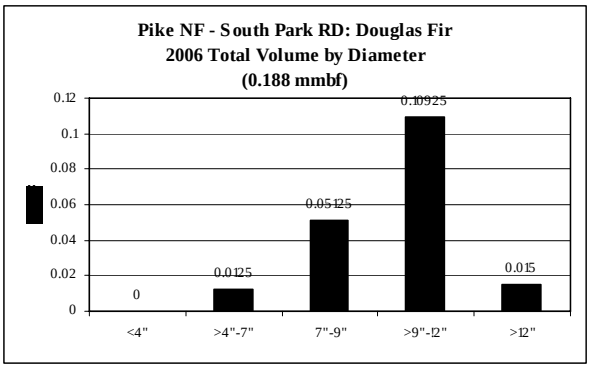


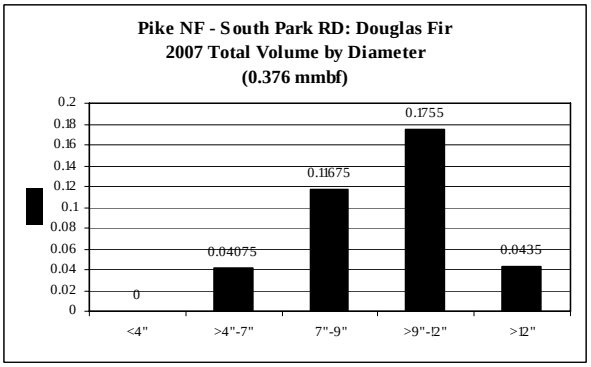


gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

Douglas Fir CROP offering ‘06 – ‘10 (by agency)

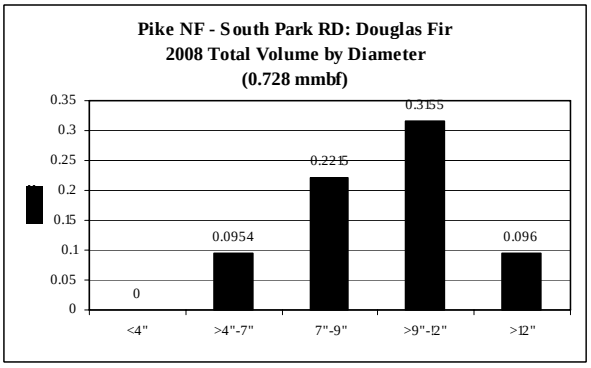
ROM # DF 1.7

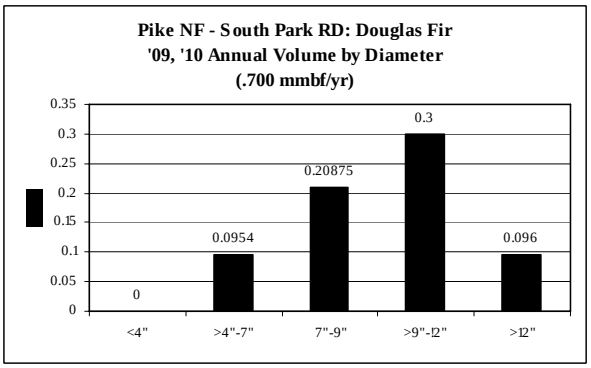




V

Douglas Fir **Pikes Peak NF:** ***South Park RD***	***5-yr = 2.692 mmbf***
	• **Fairly level supply from year to year**
gT = 1,697	• **<4” = 0% (0 mmbf)** • **>4”-7” = 12% (.339 mmbf)**
S = 2.007	• **>7”-9” = 30% (.807 mmbf)** • **>9”-12” = 45% (1.2 mmbf)** • **<12” = 0% (0 mmbf)**
L = .346	• **>12” = 13% (.346 mmbf)**





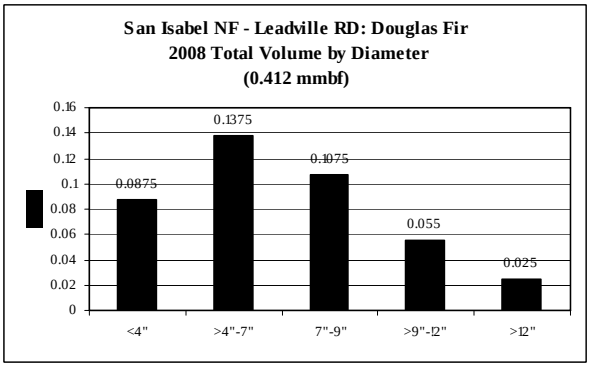
Douglas Fir **CROP offering '06 – '10 (by agency)**

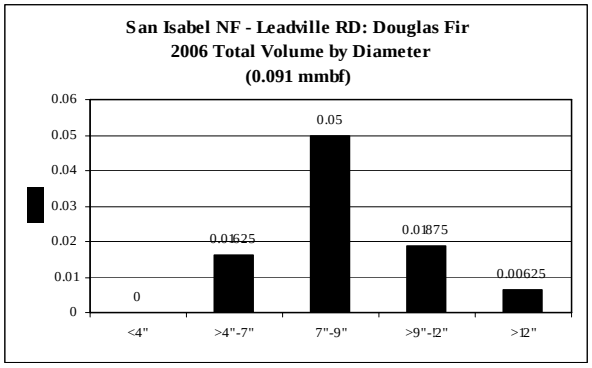
ROM # DF 1.8

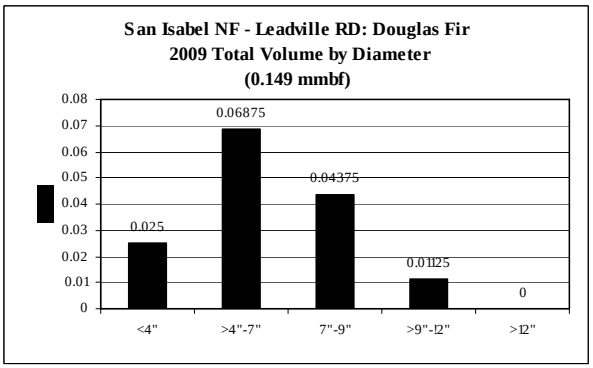
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

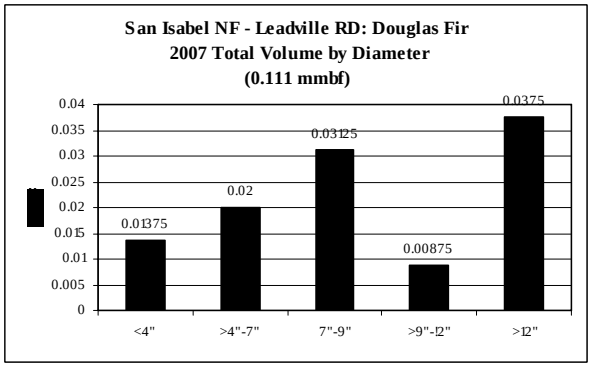
W

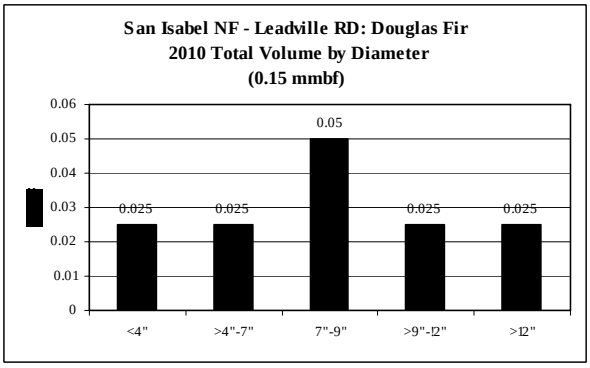
Douglas Fir **San Isabel NF:** ***Leadville RD***	***5-yr = .9137 mmbf***
	• **Fairly level supply from year to year**
gT = 2,093.7	• **<4" = 17% (.1512 mmbf)** • **>4"-7" = 29% (.2675 mmbf)**
S = .4012	• **>7"-9" = 31% (.2825 mmbf)** • **>9"-12" = 13% (.1187 mmbf)** • **<12" = 0% (0 mmbf)**
L = .0937	• **>12" = 10% (.0937 mmbf)**







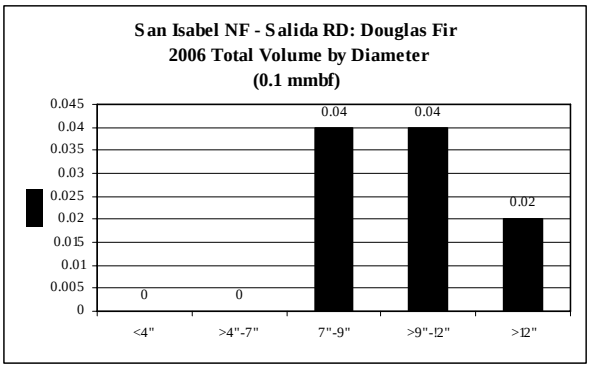




Douglas Fir **CROP offering '06 – '10 (by agency)**

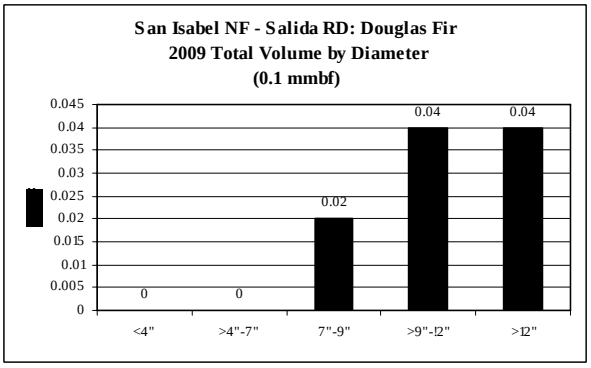
ROM # DF 1.9

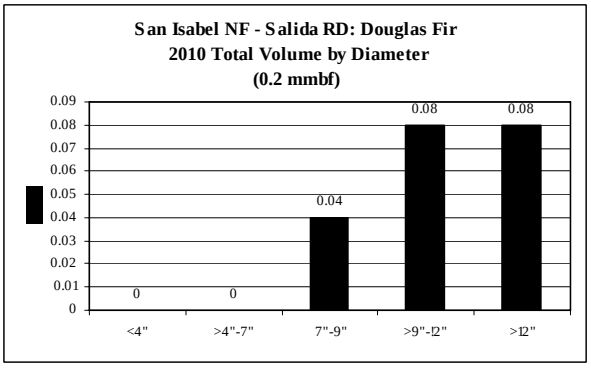
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)



X

Douglas Fir **San Isabel NF:** ***Salida RD***	***5-yr = .4 mmbf***
	• **No volume '07 & '08**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .26	• **>7"-9" = 25% (.1 mmbf)** • **>9"-12" = 40% (.16 mmbf)** • **<12" = 0% (0 mmbf)**
L = .14	• **>12" = 35% (.14 mmbf)**





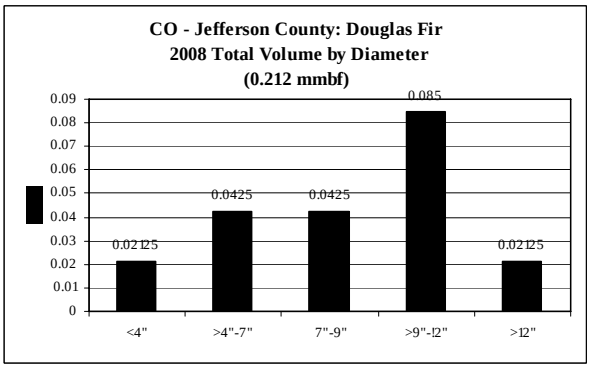
Douglas Fir **CROP offering '06 – '10 (by agency)**

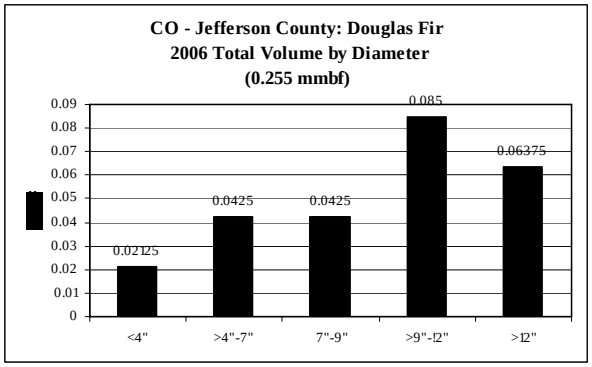
ROM # DF 1.10

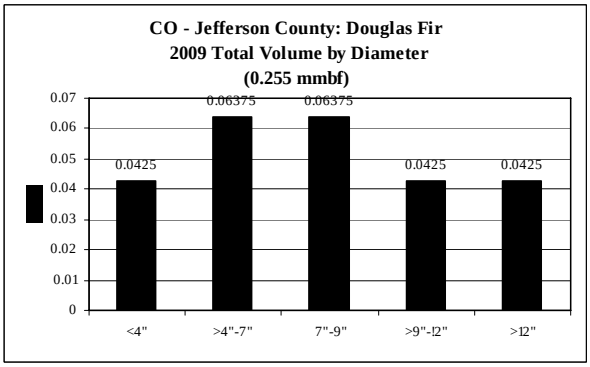
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

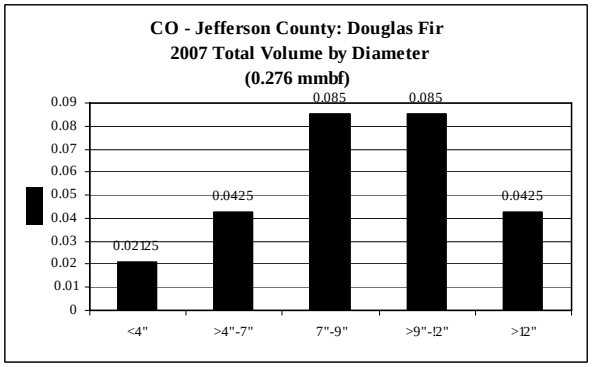
AD

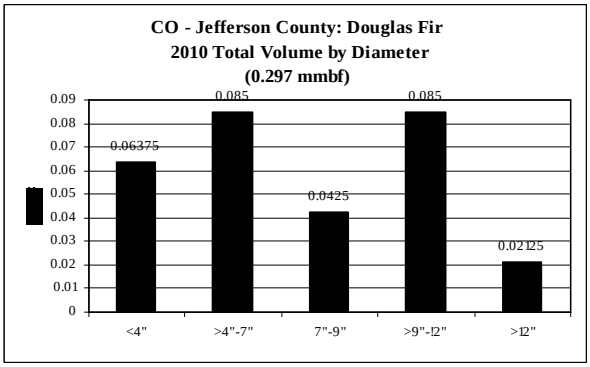
Douglas Fir **CO - Counties:** ***Jefferson County***	***5-yr = 1.296 mmbf***
	• **Level supply from year to year**
gT = 2,231	• **<4" = 13% (.17 mmbf)** • **>4"-7" = 21% (.2762 mmbf)**
S = .6587	• **>7"-9" = 21% (.2762 mmbf)** • **>9"-12" = 30% (.3825 mmbf)** • **<12" = 0% (0 mmbf)**
L = .1912	• **>12" = 15% (.1912 mmbf)**











Colorado: Engelmann Spruce CROP offering '06 – '10
(gT = 3,500 / S = 7.5018 mmbf / L = 7.2143 mmbf)

ROM # ES 1

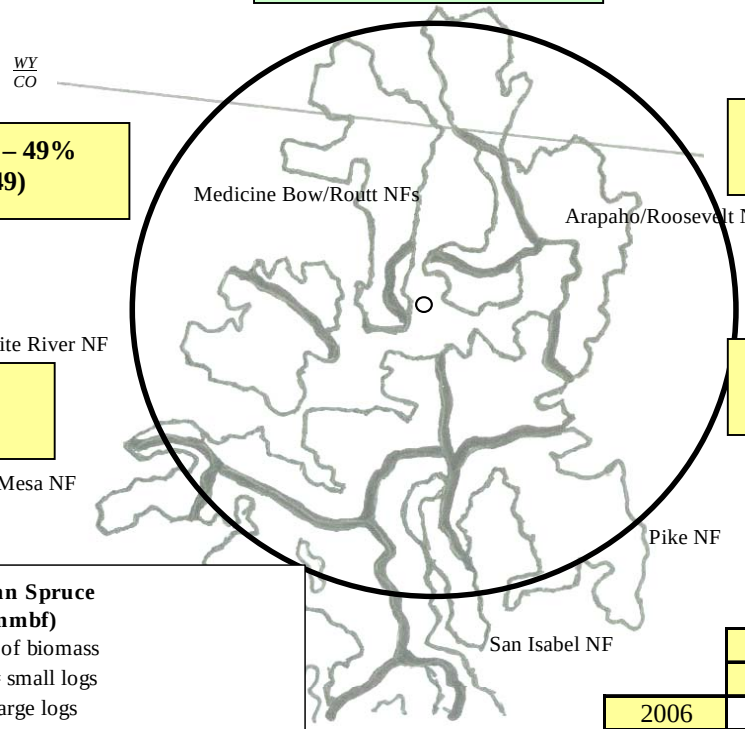
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

Medicine Bow/Routt NF: 5 RDs – 49%
(gT = 0 / S = 2.0575 / L = 5.49)

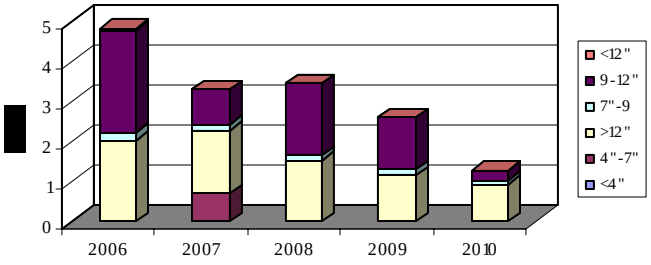
CO-DNR: <1%
(gT = 0 / S = .0143 / L = .0143)

White River NF: 2 RDs – 44%
(gT = 0 / S = 5.2 / L = 1.55

Grand Mesa NF: 2 RDs – 7%
(gT = 3,500 / S = .23 / L = .16)



All Agencies: Engelmann Spruce
(5-yr total = 15.416 mmbf)
.7 mmbf is <7" = 3,500 gT of biomass
7.5018 mmbf is >7"-12" = small logs
7.2143 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	0	2.77579	2.03129
2007	3500	1.009	1.594
2008	0	1.917	1.529
2009	0	1.4575	1.1465
2010	0	0.3425	0.9135
Totals	3500	7.50179	7.21429
%	5%	49%	47%
	0.7		

Engelmann Spruce **CROP offering '06 – '10**
(gT = 3,500 / S = 7.5018 mmbf / L = 7.2143 mmbf)

ROM # ES 1.1

ES = Engelmann spruce

BLM:

A	Royal Gorge District (CO)
B	White River District (CO)
C	Little Snake District (CO)
D	Glenwood Springs District (CO)
E	Kremmling District (CO)
F	Rawlins District (WY)

WY - SFD:

G	SFD

Arapaho/Roosevelt NF:

H	Clear Creek RD
I	Sulphur RD
J	Canyon Lakes RD
K	Boulder RD

Grand Mesa, U & G NFs:

L	Grand Valley RD
M	***Gunnison RD***
N	***Paonia RD***

Medicine Bow/Routt NFs:

O	***Brush Creek/Hayden RD***
P	***Laramie RD***
Q	***Hahns Peak/Bears Ear RD***
R	***Parks RD***
S	***Yampa RD***

Pike NF:

T	Pikes Peak RD
U	South Platte RD
V	South Park RD

San Isabel NF:

W	Leadville RD
X	Salida RD

White River NF:

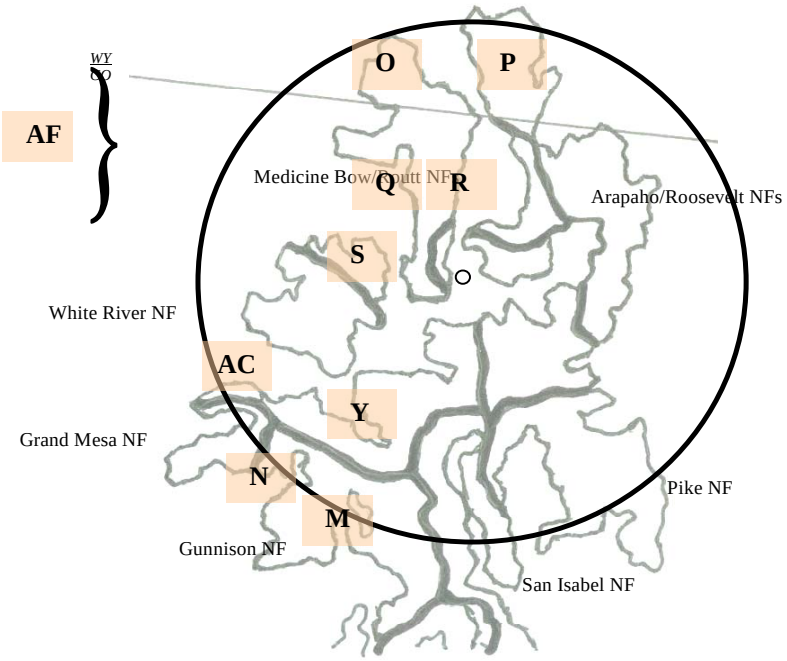
Y	***Aspen/Sopris RD***
Z	Dillon RD
AA	Holy Cross/Eagle RD
AB	Blanco RD
AC	***Rifle RD***

Colorado Counties:

AD	Jefferson Co.
AE	Summit Co.

Colorado DNR:

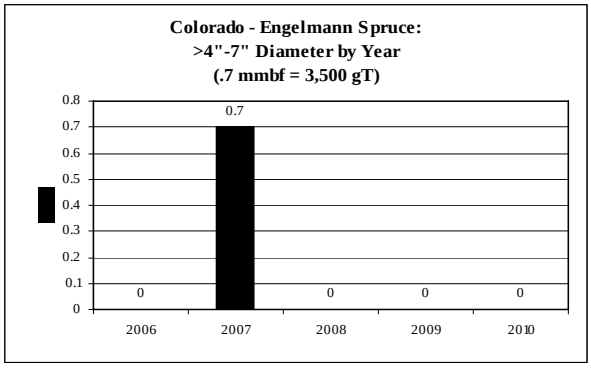
AF	***CO-DNR***

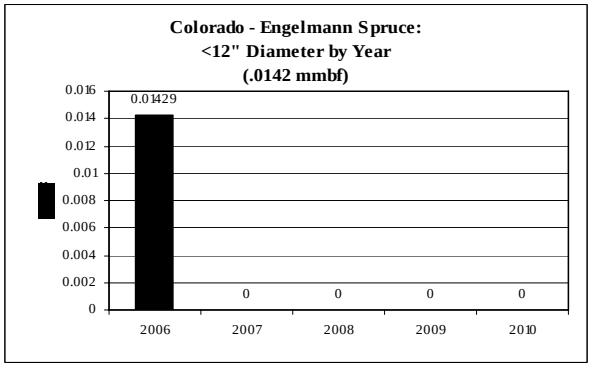


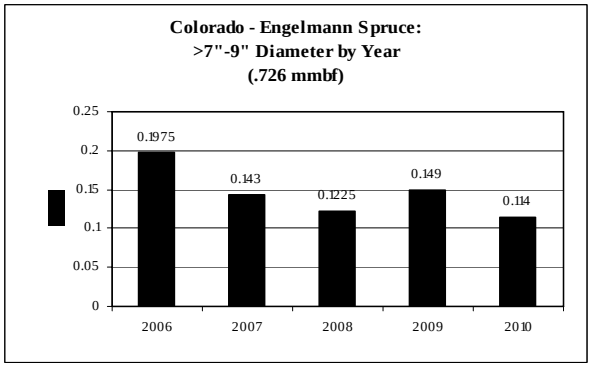
*italics/bold = species offering in CROP

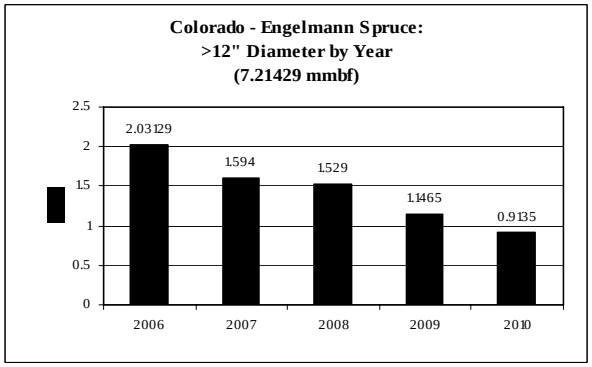
Colorado - Engelmann Spruce: Diameter by Year

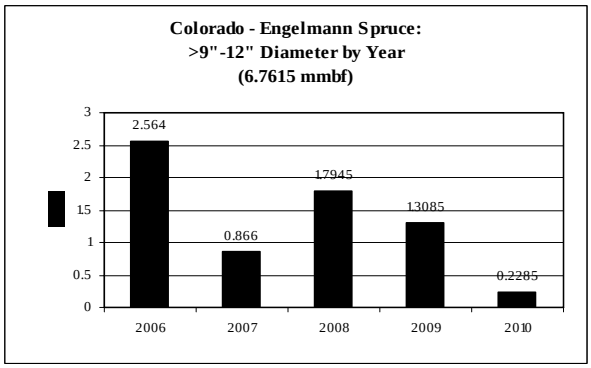
ROM # ES 1.2











Note: No volume for <4" dbh

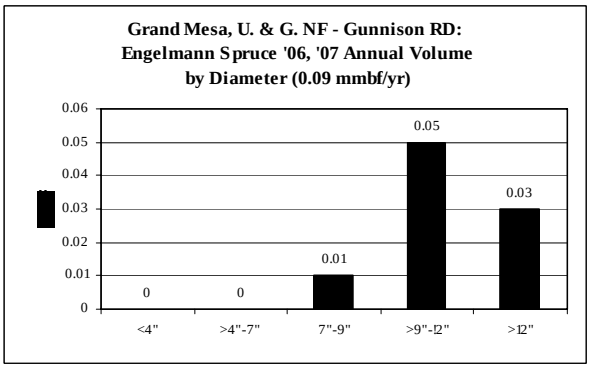
Engelmann Spruce **CROP offering '06 – '10 (by agency)**

ROM # ES 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

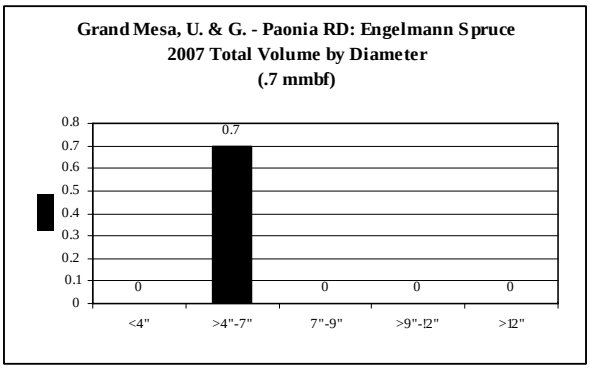
M

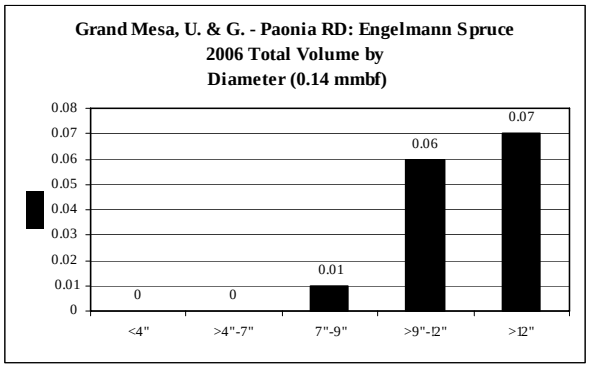
Engelmann Spruce **Grand Mesa NF:** ***Gunnison RD***	***5-yr = .18 mmbf***
	• **No volume '08 thru '10**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .12	• **>7"-9" = 11% (.02 mmbf)** • **>9"-12" = 56% (.1 mmbf)** • **<12" = 0% (0 mmbf)**
L = .06	• **>12" = 33% (.06 mmbf)**

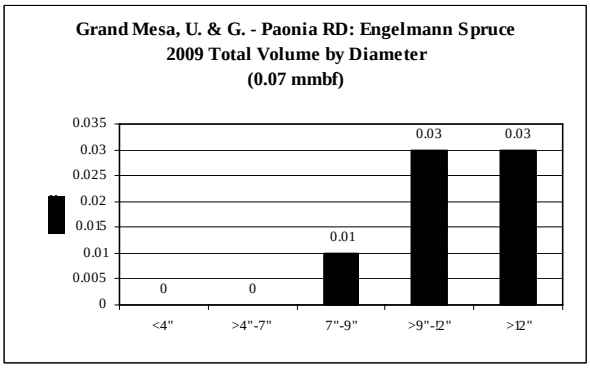


N

Engelmann Spruce **Grand Mesa NF:** ***Paonia RD***	***5-yr = .91 mmbf***
	• **No volume'08 &'10**
gT = 3,500	• **<4" = 0% (0 mmbf)** • **>4"-7" = 77% (.7 mmbf)**
S = .11	• **>7"-9" = 2% (.02 mmbf)** • **>9"-12" = 10% (.09 mmbf)** • **<12" = 0% (0 mmbf)**
L = .1	• **>12" = 11% (.1 mmbf)**



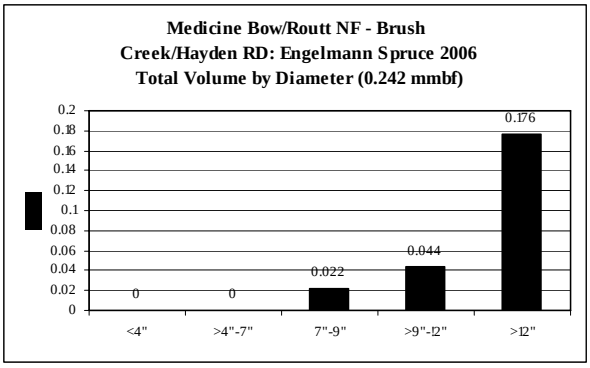


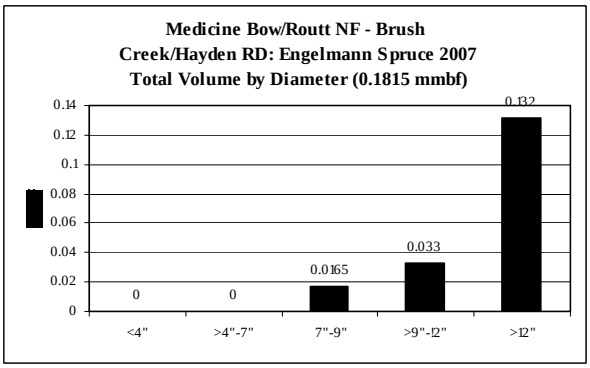


gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

Engelmann Spruce **CROP offering ‘06 – ‘10 (by agency)**

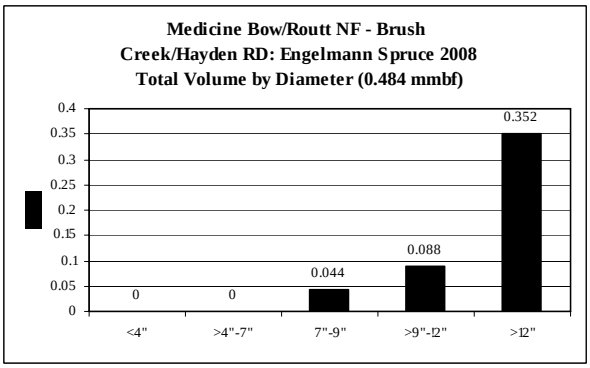
ROM # ES 1.4

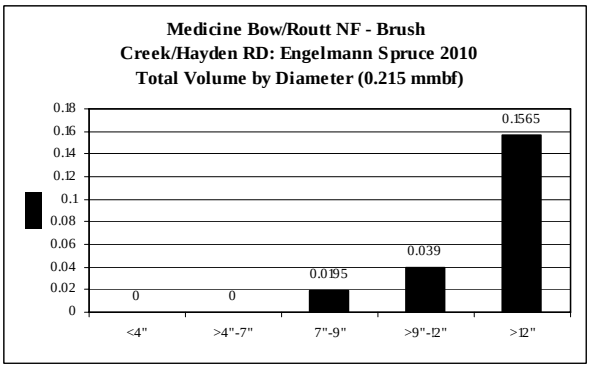




O

Engelmann Spruce **Medicine Bow/Routt NF:** ***Brush Creek/Hayden RD***	***5-yr = 1.122 mmbf***
	• **No volume ’09**
gT = 0	• **<4” = 0% (0 mmbf)** • **>4”-7” = 0% (0 mmbf)**
S = .306	• **>7”-9” = 9% (.102 mmbf)** • **>9”-12” = 18% (.204 mmbf)** • **<12” = 0% (0 mmbf)**
L = .8165	• **>12” = 73% (.8165 mmbf)**





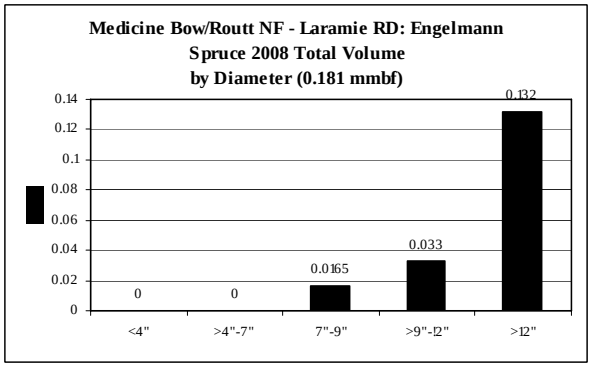
Engelmann Spruce CROP offering '06 – '10 (by agency)

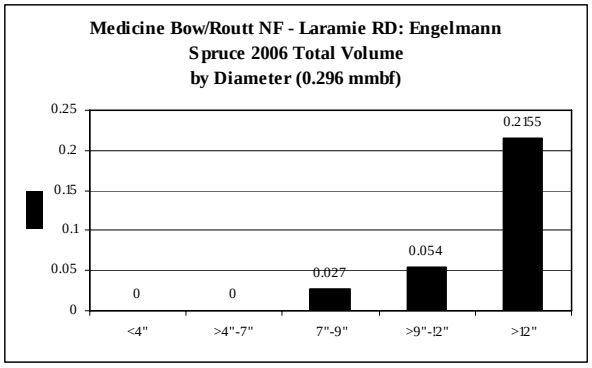
ROM # ES 1.5

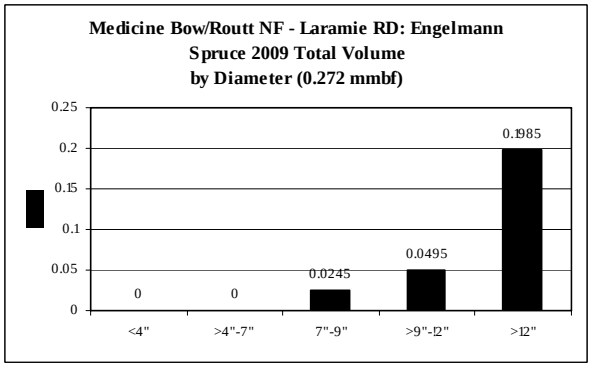
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

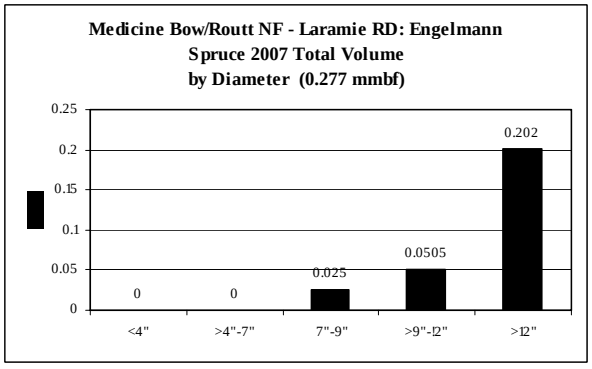
P

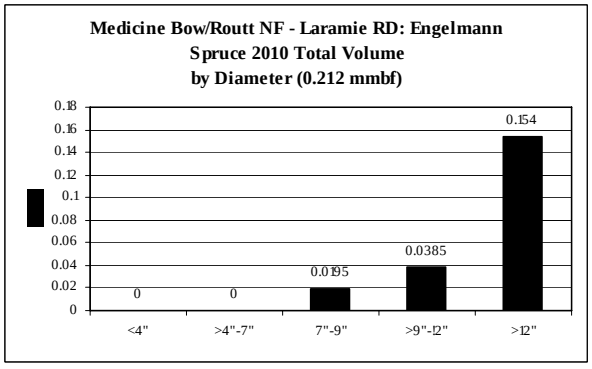
Engelmann Spruce **Medicine Bow/Routt NF:** ***Laramie RD***	***5-yr = 1.24 mmbf***
	• **Fairly level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .338	• **>7"-9" = 9% (.1125 mmbf)** • **>9"-12" = 18% (.2255 mmbf)** • **<12" = 0% (0 mmbf)**
L = .902	• **>12" = 73% (.902 mmbf)**







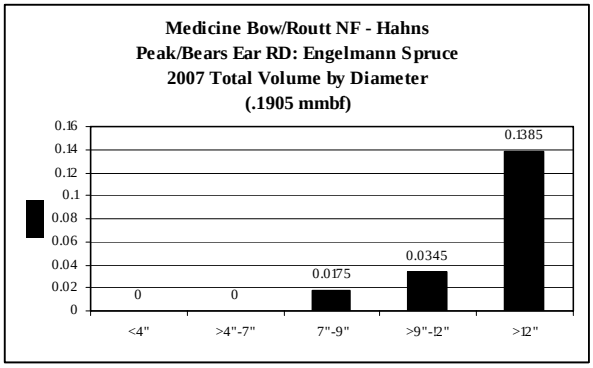




Engelmann Spruce **CROP offering '06 – '10 (by agency)**

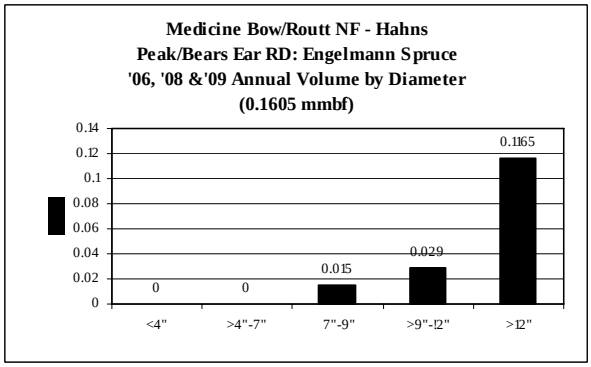
ROM # ES 1.6

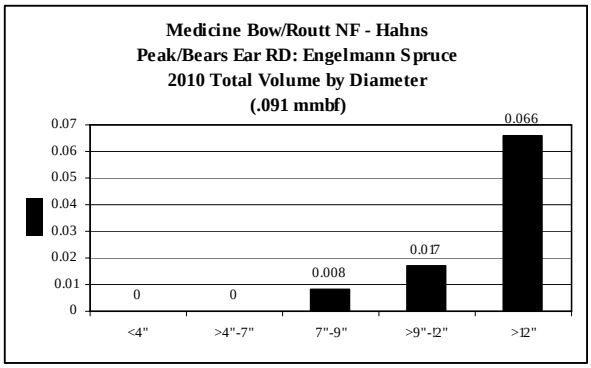
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)



Q

Engelmann Spruce **Medicine Bow/Routt NF:** ***Hahns Peak/Bears Ear RD***	***5-yr = .763 mmbf***
	• **Fairly level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .208	• **>7"-9" = 9% (.0695 mmbf)** • **>9"-12" = 18% (.1385 mmbf)** • **<12" = 0% (0 mmbf)**
L = .555	• **>12" = 73% (.555 mmbf)**





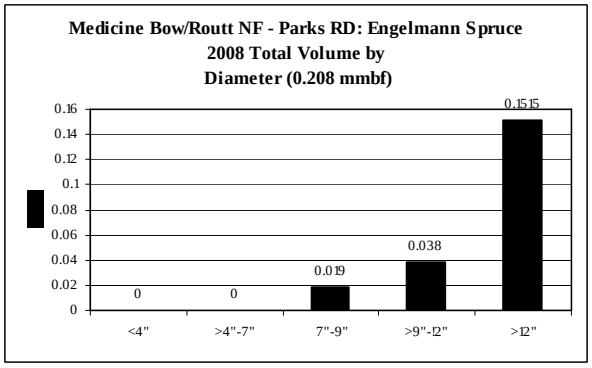
Engelmann Spruce **CROP offering '06 – '10 (by agency)**

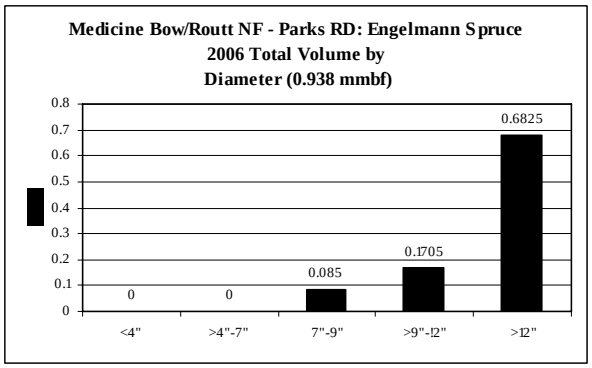
ROM # ES 1.7

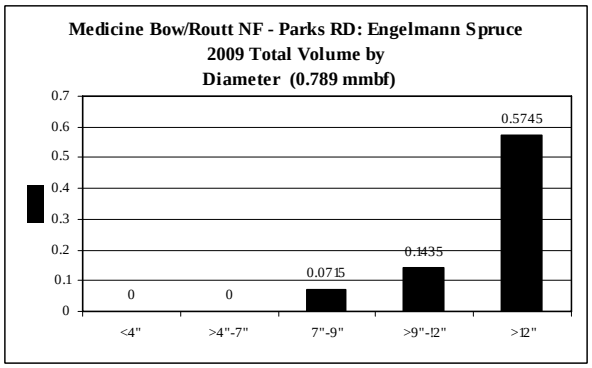
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

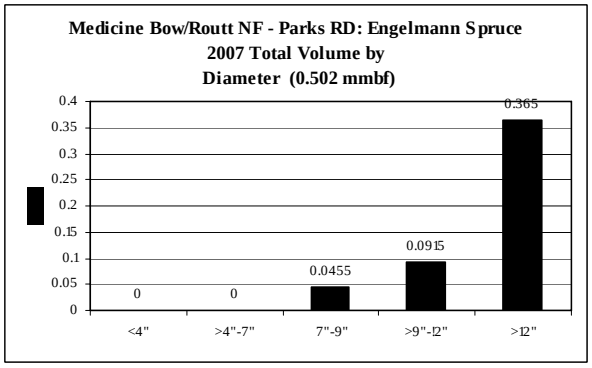
R

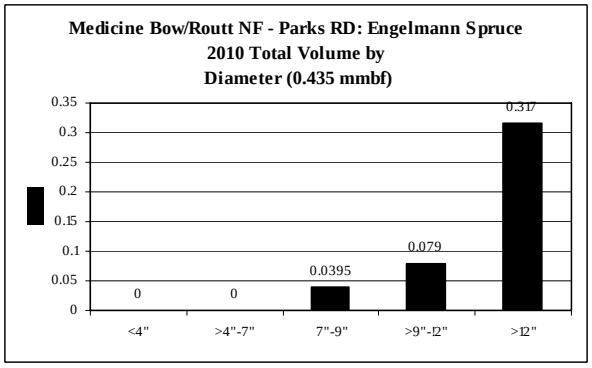
Engelmann Spruce **Medicine Bow/Routt NF:** ***Parks RD***	***5-yr = 2.873 mmbf***
	• **Unlevel supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .783	• **>7"-9" = 9% (.2605 mmbf)** • **>9"-12" = 18% (.5225 mmbf)** • **<12" = 0% (0 mmbf)**
L = .2.09	• **>12" = 73% (2.09 mmbf)**







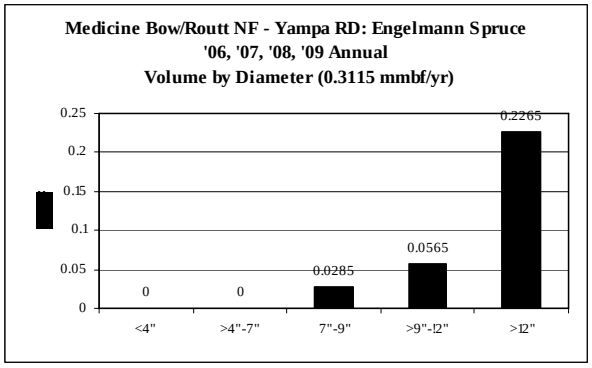




Engelmann Spruce **CROP offering '06 – '10 (by agency)**

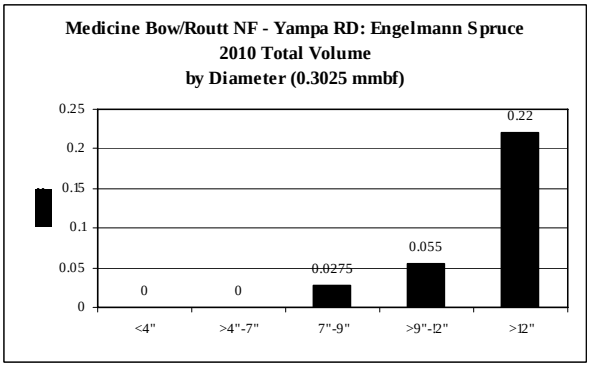
ROM # ES 1.8

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)



S

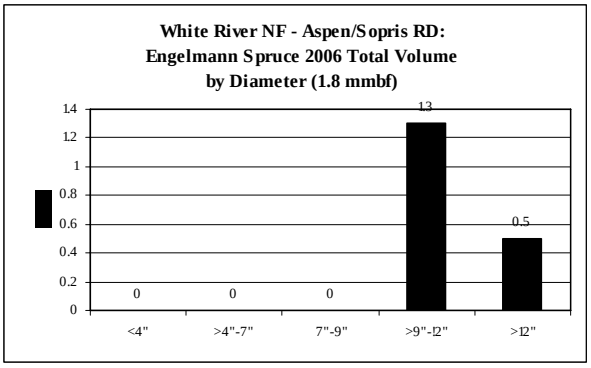
Engelmann Spruce **Medicine Bow/Routt NF:** ***Yampa RD***	***5-yr = 1.548 mmbf***
	• **Level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .4225	• **>7"-9" = 9% (.1415 mmbf)** • **>9"-12" = 18% (.281 mmbf)** • **<12" = 0% (0 mmbf)**
L = 1.126	• **>12" = 73% (1.126 mmbf)**

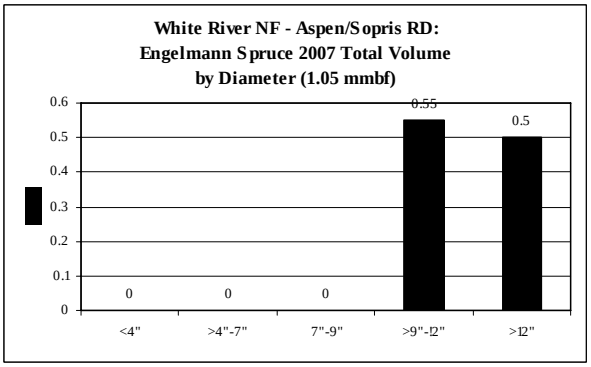


gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

Engelmann Spruce **CROP offering ‘06 – ‘10 (by agency)**

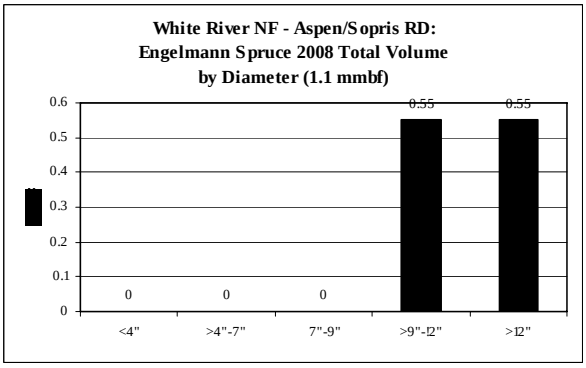
ROM # ES 1.9

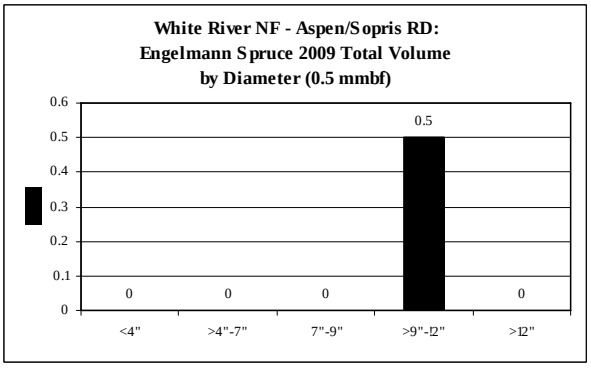




Y

Engelmann Spruce **White River NF:** ***Aspen/Sopris RD***	***5-yr = 4.45 mmbf***
	• **Unlevel supply from year to year; no volume in ’10**
gT = 0	• **<4” = 0% (0 mmbf)** • **>4”-7” = 0% (0 mmbf)**
S = 2.9	• **>7”-9” = 0% (0 mmbf)** • **>9”-12” = 65% (2.9 mmbf)** • **<12” = 0% (0 mmbf)**
L = 1.55	• **>12” = 35% (1.55 mmbf)**





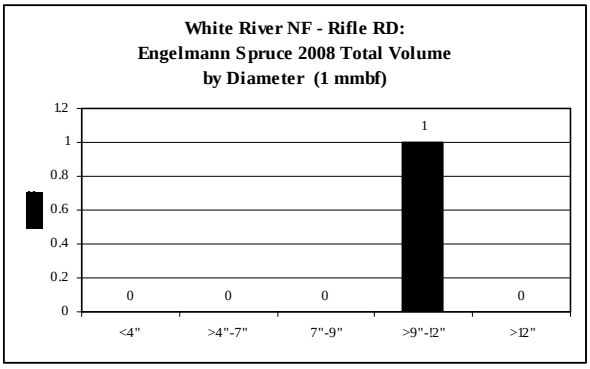
Engelmann Spruce **CROP offering '06 – '10 (by agency)**

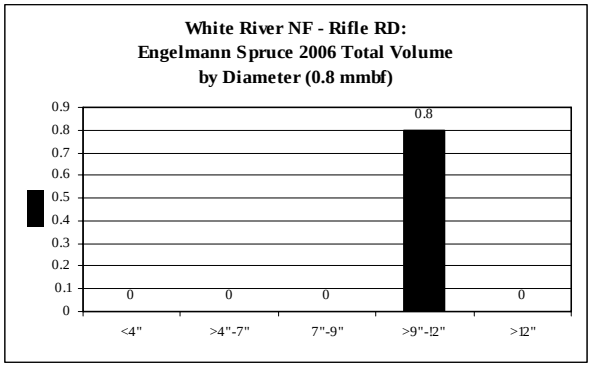
ROM # ES 1.10

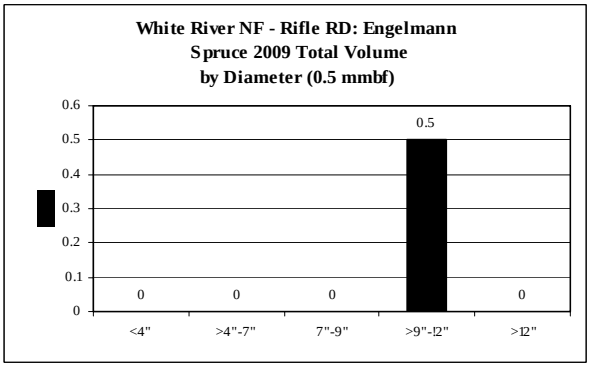
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

AC

Engelmann Spruce **White River NF: *Rifle RD***	***5-yr = 2.3 mmbf***
	• **No volume '07 & '10**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = 2.3	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 100% (2.3 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**

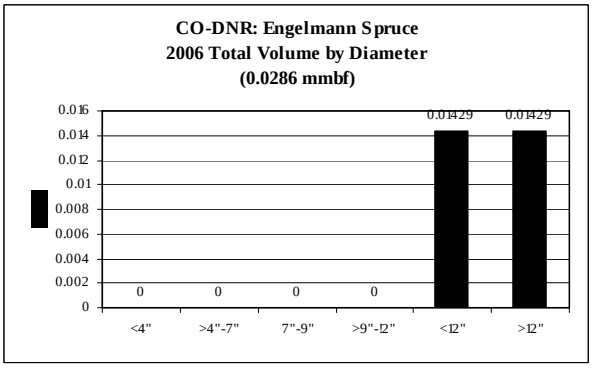






AF

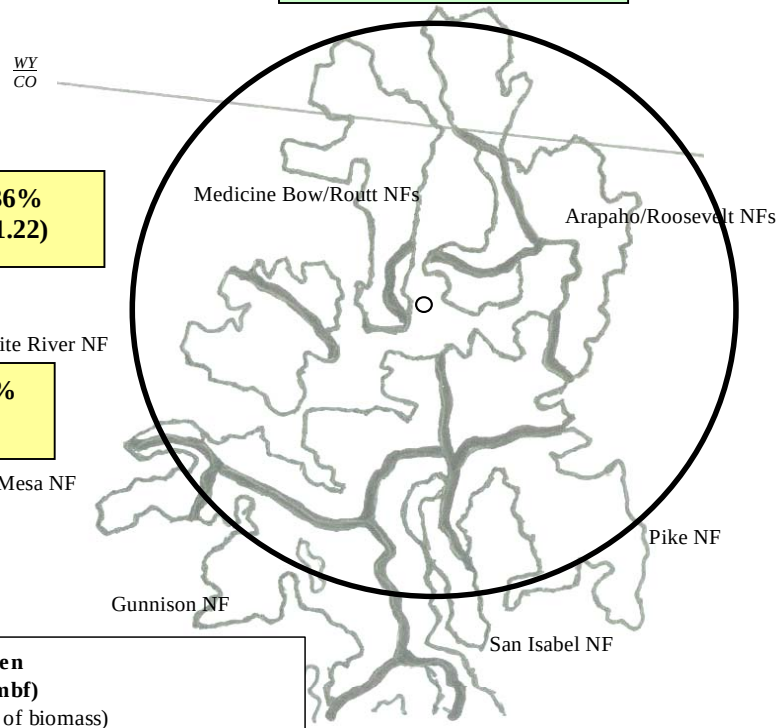
Engelmann Spruce **CO DNR**	***5-yr = .0286 mmbf***
	• **Only offered in '06**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .0143	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 50% (.0143 mmbf)**
L = .0143	• **>12" = 50% (.0143 mmbf)**



Colorado: _Aspen_ CROP offering '06 – '10
(gT = 9,150 / S = 5.806 mmbf / L = 2.076 mmbf)

ROM # ASP 1

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

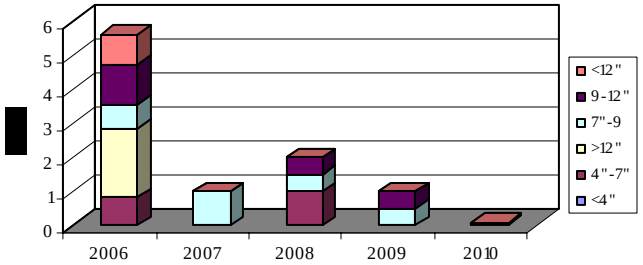


Grand Mesa NF: 2 RDs – 36%
(gT = 1,650 / S = 1.95 / L = 1.22)

White River NF: 3 RDs – 46%
(gT = 7,500 / S = 3 / L = 0)

CO-DNR: 18%
(gT = 0 / S = .8567 / L = .8567)

All Agencies: Aspen
(5-yr total = 9.71 mmbf)
1.83 mmbf is <7" = 9,150 gT of biomass)
5.806 mmbf is >7"-12" = small logs
2.076 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	4100	2.75667	2.03667
2007	0	1	0
2008	5000	1	0
2009	0	1	0
2010	50	0.05	0.04
Totals	9150	5.80667	2.07667
%	19%	60%	21%
	1.83		

<u>*Aspen*</u> CROP offering '06 – '10
(gT = 9,150 / S = 5.806 mmbf / L = 2.076 mmbf)

ROM # ASP 1.1

ASP= aspen

BLM:
- A Royal Gorge District (CO)
- B White River District (CO)
- C Little Snake District (CO)
- D Glenwood Springs District (CO)
- E Kremmling District (CO)
- F Rawlins District (WY)

WY - SFD:
- G SFD

Arapaho/Roosevelt NF:
- H Clear Creek RD
- I Sulphur RD
- J Canyon Lakes RD
- K Boulder RD

Grand Mesa, U & G NFs:
- **L** ***Grand Valley RD***
- M Gunnison RD
- **N** ***Paonia RD***

Medicine Bow/Routt NFs:
- O Brush Creek/Hayden RD
- P Laramie RD
- Q Hahns Peak/Bears Ear RD
- R Parks RD
- S Yampa RD

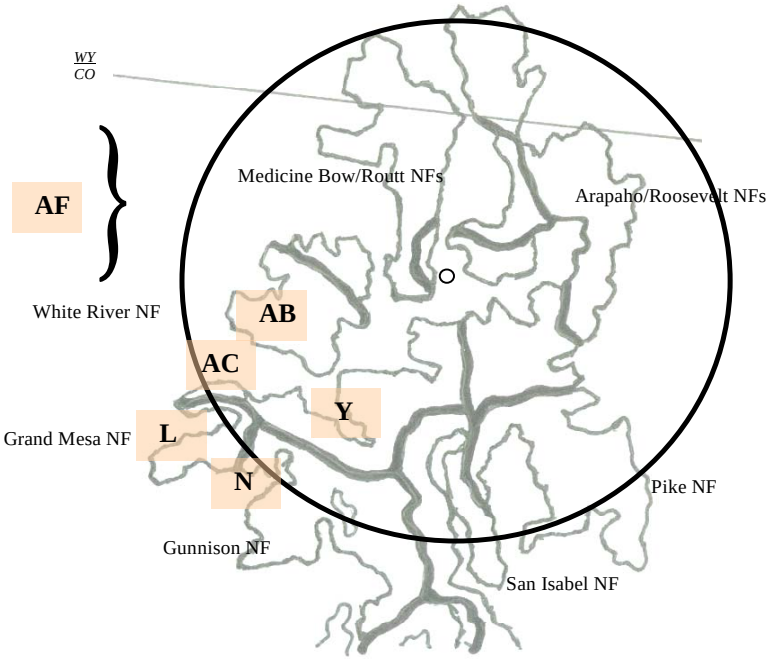
Pike NF:
- T Pikes Peak RD
- U South Platte RD
- V South Park RD

San Isabel NF:
- W Leadville RD
- X Salida RD

White River NF:
- **Y** ***Aspen/Sopris RD***
- Z Dillon RD
- AA Holy Cross/Eagle RD
- **AB** ***Blanco RD***
- **AC** ***Rifle RD***

Colorado Counties:
- AD Jefferson Co.
- AE Summit Co.

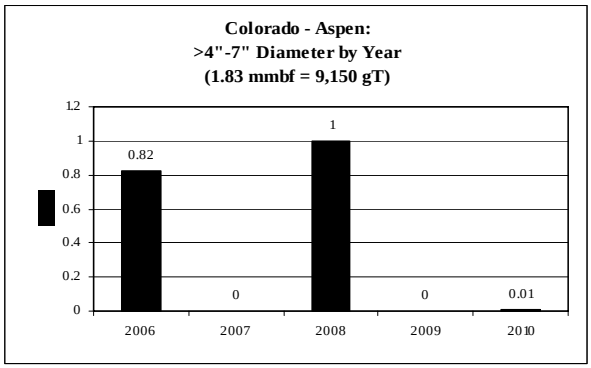
Colorado DNR:
- **AF** ***CO-DNR***

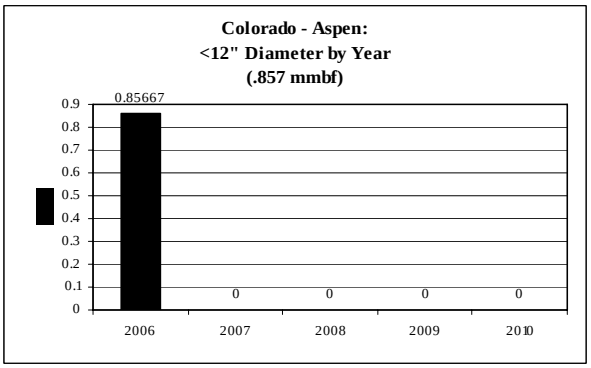


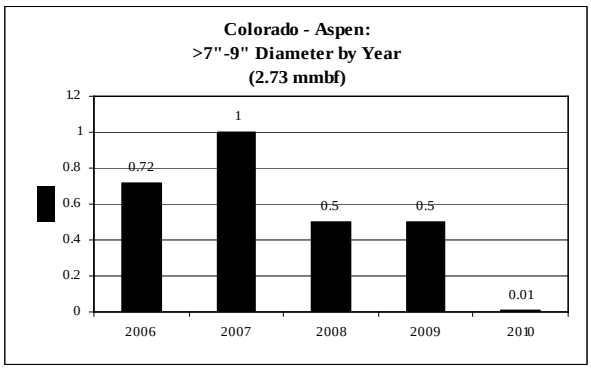
*italics/bold = species offering in CROP

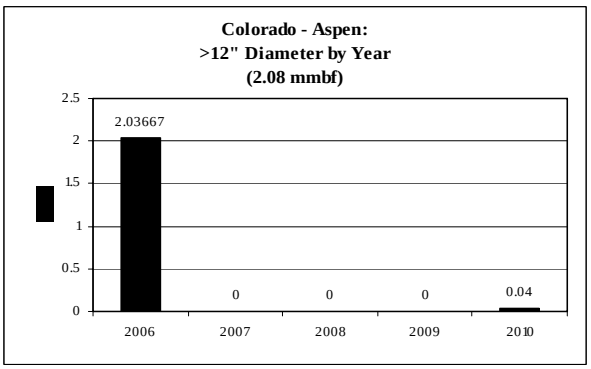
Colorado – Aspen: Diameter by Year

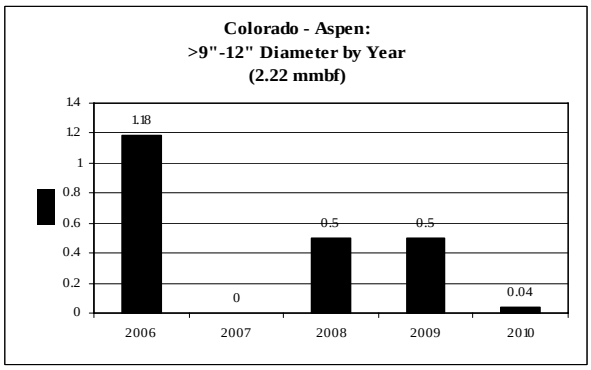
ROM # ASP 1.2











Note: No volume for <4" dbh

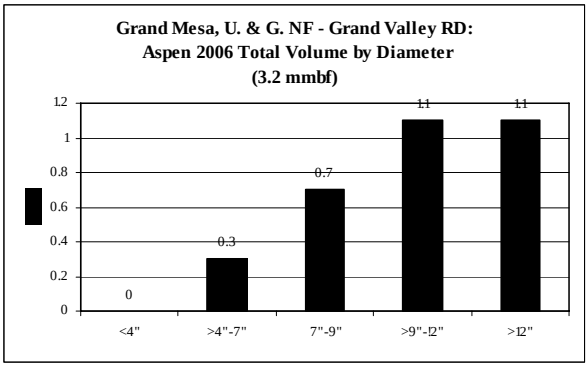
Aspen CROP offering '06 – '10 (by agency)

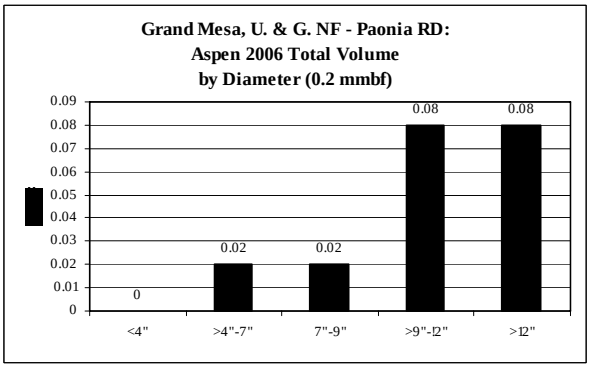
ROM # ASP 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

L

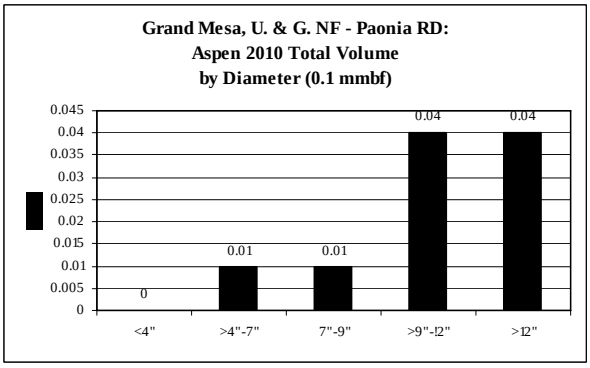
Aspen **Grand Mesa NF:** ***Grand Valley RD***	***5-yr = 3.2 mmbf***
	• **Only offered in '06**
gT = 1,500	• **<4" = 0% (0 mmbf)** • **>4"-7" = 9% (.3 mmbf)**
S = 1.8	• **>7"-9" = 22% (.7 mmbf)** • **>9"-12" = 34% (1.1 mmbf)** • **<12" = 0% (0 mmbf)**
L = 1.1	• **>12" = 34% (1.1 mmbf)**





N

Aspen **Grand Mesa NF:** ***Paonia RD***	***5-yr = .3 mmbf***
	• **Only offered in '06 & '10**
gT = 150	• **<4" = 0% (0 mmbf)** • **>4"-7" = 10% (.03 mmbf)**
S = .15	• **>7"-9" = 10% (.03 mmbf)** • **>9"-12" = 40% (.12 mmbf)** • **<12" = 0% (0 mmbf)**
L = .12	• **>12" = 40% (.12 mmbf)**



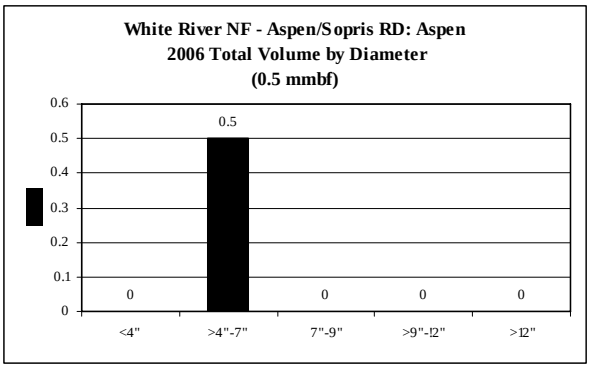
Aspen **CROP offering '06 – '10 (by agency)**

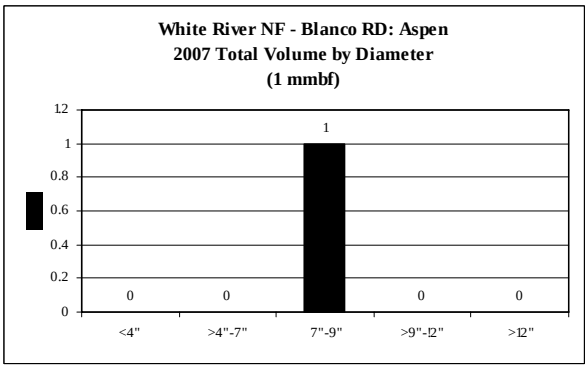
ROM # ASP 1.4

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

Y

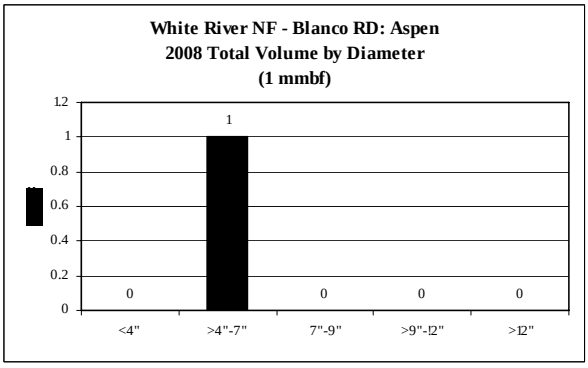
Aspen **White River NF:** ***Aspen/Sopris RD***	***5-yr = .5 mmbf***
	• **Only offered in '06**
gT = 2,500	• **<4" = 0% (0 mmbf)** • **>4"-7" = 100% (.5 mmbf)**
S = 0	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**





AB

Aspen **White River NF:** ***Blanco RD***	***5-yr = 2 mmbf***
	• **Only offered in '07 & '10**
gT = 5,000	• **<4" = 0% (0 mmbf)** • **>4"-7" = 50% (1 mmbf)**
S = 1	• **>7"-9" = 50% (1 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**



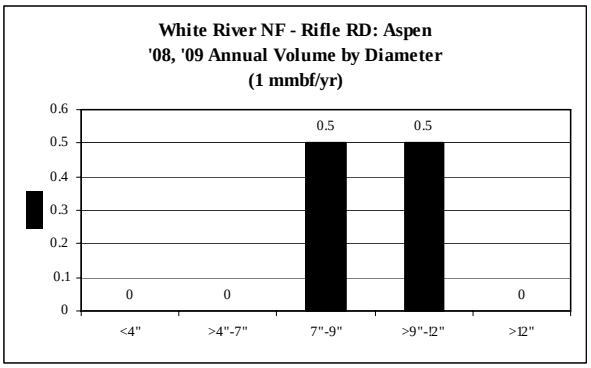
Aspen **CROP offering '06 – '10 (by agency)**

ROM # ASP 1.5

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

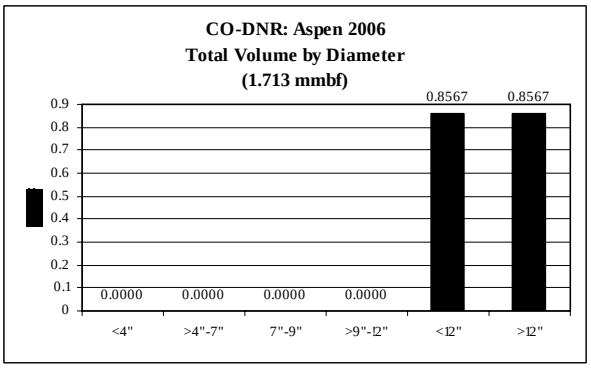
AC

Aspen **White River NF:** ***Rifle RD***	***5-yr = 2 mmbf***
	• **Only offered in '08 & '09**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = 2	• **>7"-9" = 50% (1 mmbf)** • **>9"-12" = 50% (1 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**



AF

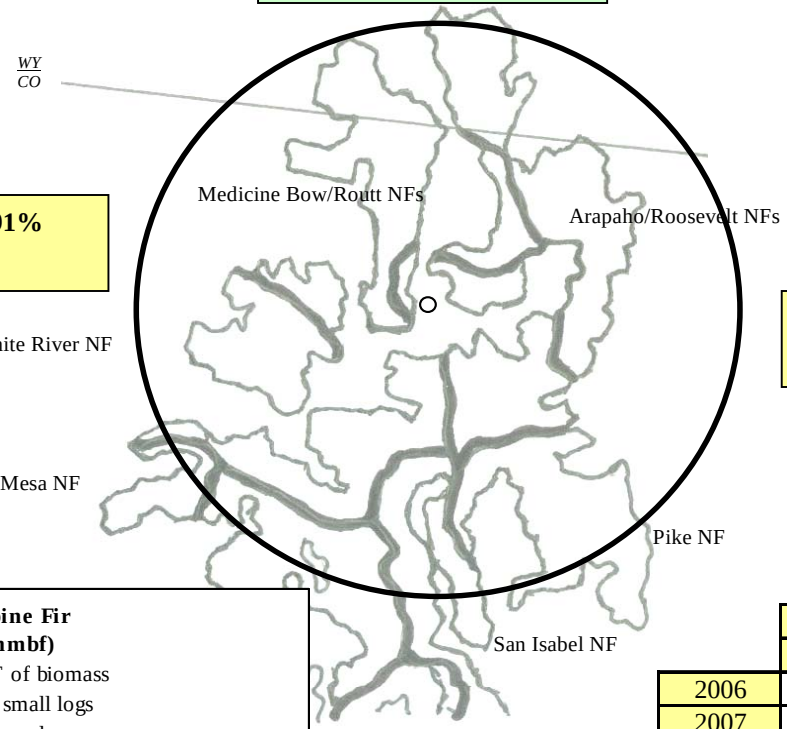
Aspen **CO DNR**	***5-yr = 1.713 mmbf***
	• **Only offered in '06**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .8567	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 50% (.8567 mmbf)**
L = .8567	• **>12" = 50% (.8567 mmbf)**



Colorado: Subalpine Fir CROP offering '06 – '10
(gT = 1,500 / S = 1.4 mmbf / L = 2.826 mmbf)

ROM # SaF 1

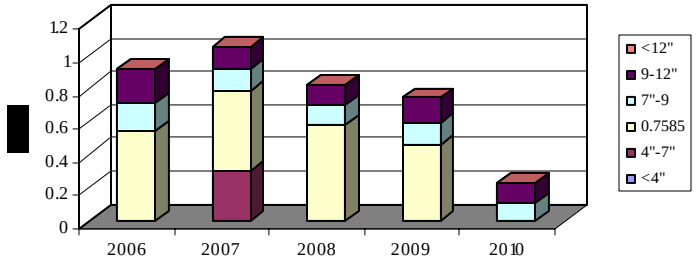
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)



Medicine Bow/Routt NF: 5 RDs – 91%
(gT = 0 / S = 1.37 / L = 2.746)

Grand Mesa NF: 2 RDs – 9%
(gT = 1,500 / S = .03 / L = .08)

All Agencies: Subalpine Fir
(5-yr total = 4.527 mmbf)
.3 mmbf is <7" = 1,500 gT of biomass
1.401 mmbf is >7"-12" = small logs
2.826 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	0	0.374	0.7585
2007	1500	0.266	0.5425
2008	0	0.245	0.49
2009	0	0.288	0.5785
2010	0	0.228	0.4565
Totals	1500	1.401	2.826
%	7%	31%	62%
	0.3		

<u>*Subalpine Fir*</u> CROP offering '06 – '10
(gT = 1,500 / S = 1.4 mmbf / L = 2.826 mmbf)

ROM # SaF 1.1

SaF= subalpine fir

<u>BLM</u>:
- A Royal Gorge District (CO)
- B White River District (CO)
- C Little Snake District (CO)
- D Glenwood Springs District (CO)
- E Kremmling District (CO)
- F Rawlins District (WY)

<u>WY - SFD</u>:
- G SFD

<u>Arapaho/Roosevelt NF</u>:
- H Clear Creek RD
- I Sulphur RD
- J Canyon Lakes RD
- K Boulder RD

<u>Grand Mesa, U & G NFs:</u>
- L Grand Valley RD
- **M *Gunnison RD***
- **N *Paonia RD***

<u>Medicine Bow/Routt NFs</u>:
- **O *Brush Creek/Hayden RD***
- **P *Laramie RD***
- **Q *Hahns Peak/Bears Ear RD***
- **R *Parks RD***
- **S *Yampa RD***

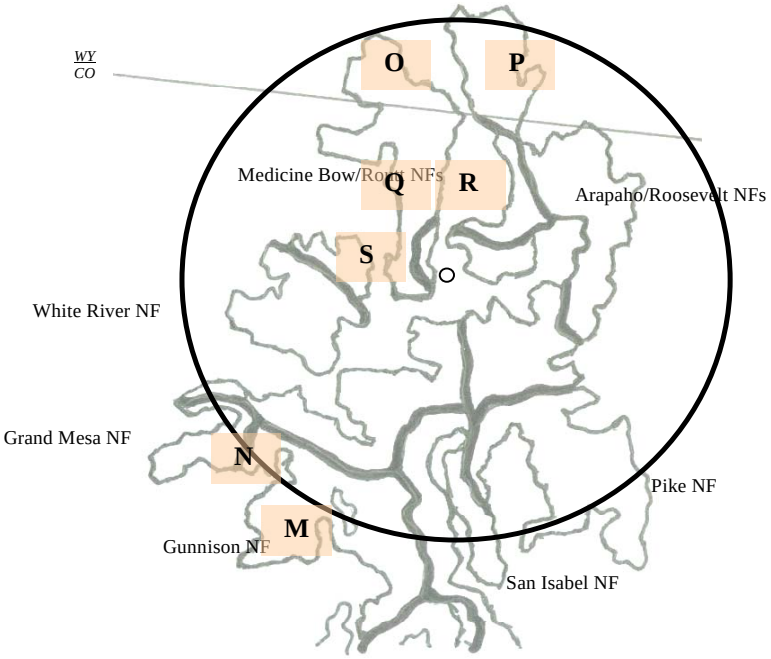
<u>Pike NF</u>:
- T Pikes Peak RD
- U South Platte RD
- V South Park RD

<u>San Isabel NF</u>:
- W Leadville RD
- X Salida RD

<u>White River NF</u>:
- Y Aspen/Sopris RD
- Z Dillon RD
- AA Holy Cross/Eagle RD
- AB Blanco RD
- AC Rifle RD

<u>Colorado Counties</u>:
- AD Jefferson Co.
- AE Summit Co.

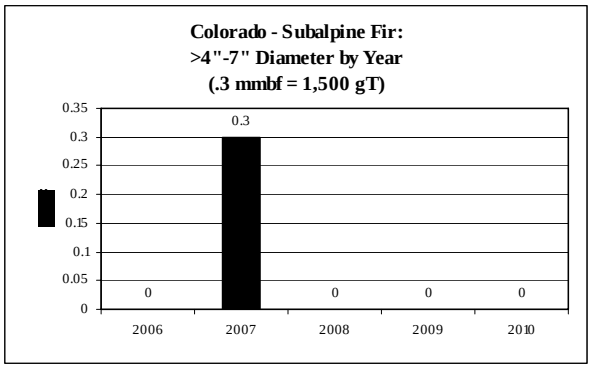
<u>Colorado DNR</u>:
- AF CO-DNR

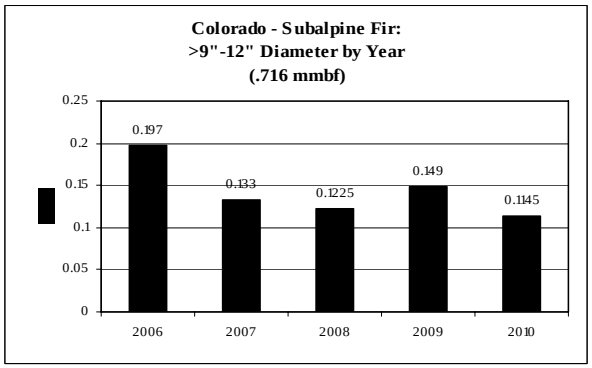


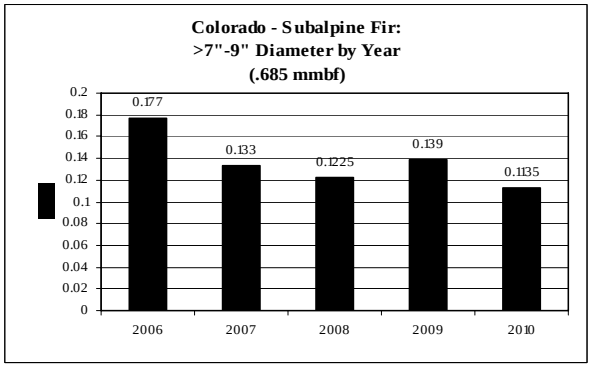
*italics/bold = species offering in CROP

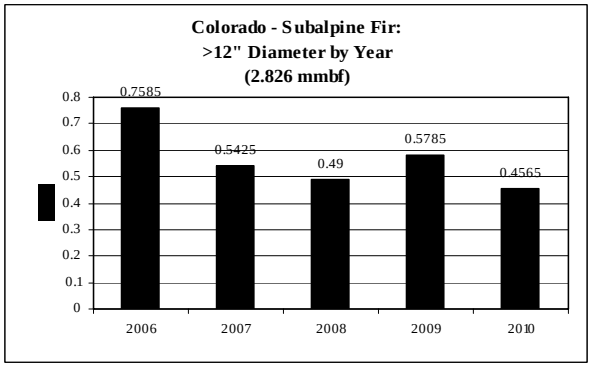
Colorado - Subalpine Fir: Diameter by Year

ROM # SaF 1.2









Note: No volume for <4”, <12” dbh

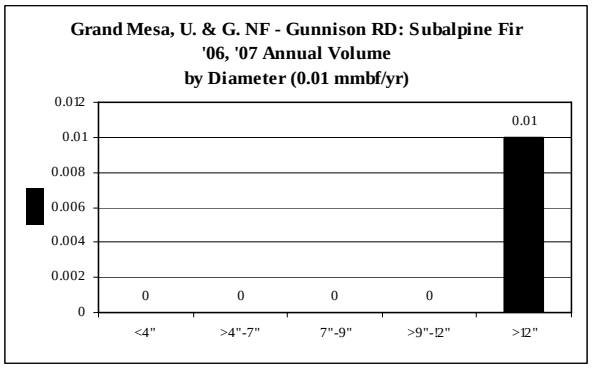
Subalpine Fir **CROP offering '06 – '10 (by agency)**

ROM # SaF 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

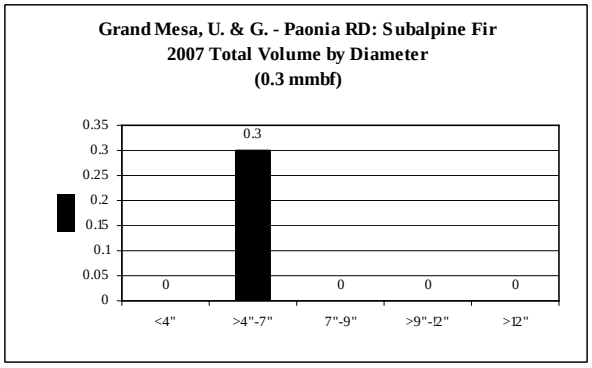
M

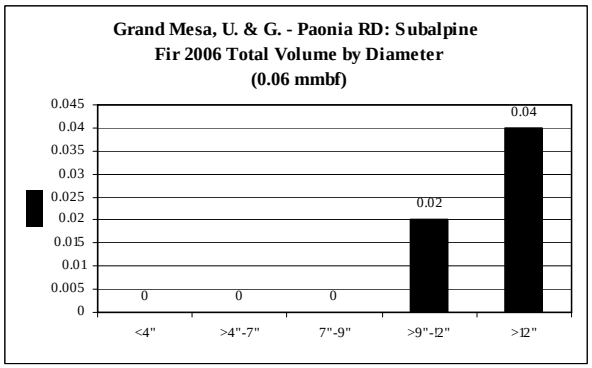
Subalpine Fir **Grand Mesa NF:** ***Gunnison RD***	***5-yr = .02 mmbf***
	• **Only offered in '06 & '07**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = 0	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 0% (0 mmbf)**
L = .02	• **>12" = 100% (.02 mmbf)**

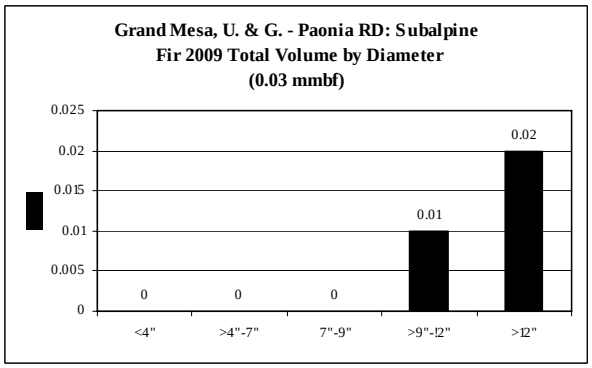


N

Subalpine Fir **Grand Mesa NF:** ***Paonia RD***	***5-yr = .39 mmbf***
	• **Only offered in '06, '07, & '09**
gT = 1,500	• **<4" = 0% (0 mmbf)** • **>4"-7" = 77% (.3 mmbf)**
S = .03	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 8% (.03 mmbf)** • **<12" = 0% (0 mmbf)**
L = .06	• **>12" = 15% (.06 mmbf)**



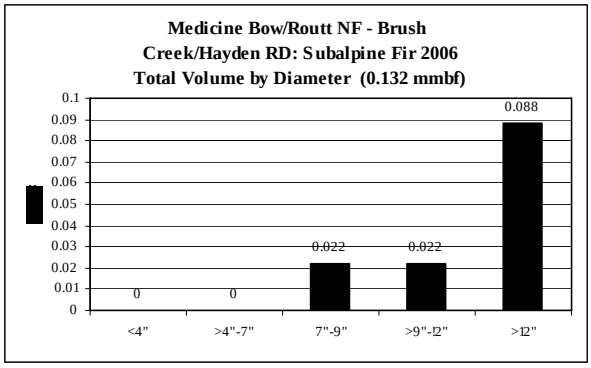




gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

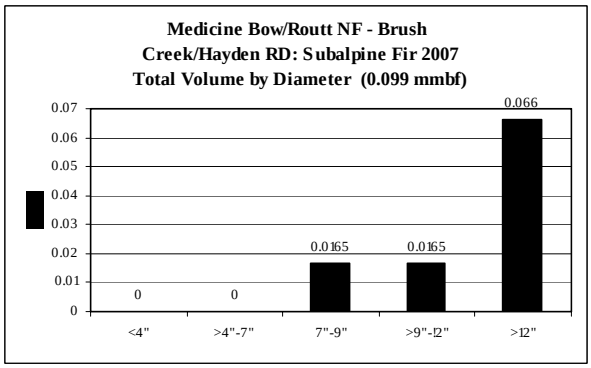
Subalpine Fir CROP offering ‘06 – ‘10 (by agency)

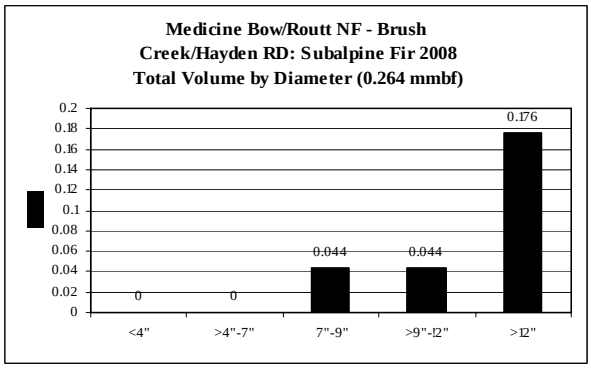
ROM # SaF 1.4

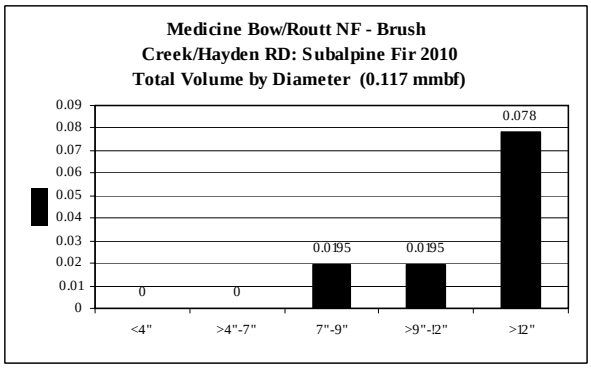


O

Subalpine Fir **Medicine Bow/Routt NF:** ***Brush Creek/Hayden RD***	***5-yr = .612 mmbf***
	• **No volume in ’09; fairly level supply in other years**
gT = 0	• **<4” = 0% (0 mmbf)** • **>4”-7” = 0% (0 mmbf)**
S = .204	• **>7”-9” = 17% (.102 mmbf)** • **>9”-12” = 17% (.102 mmbf)** • **<12” = 0% (0 mmbf)**
L = .408	• **>12” = 66% (.408 mmbf)**







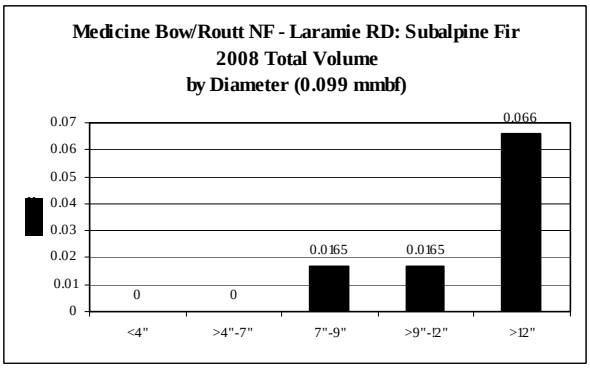
Subalpine Fir **CROP offering '06 – '10 (by agency)**

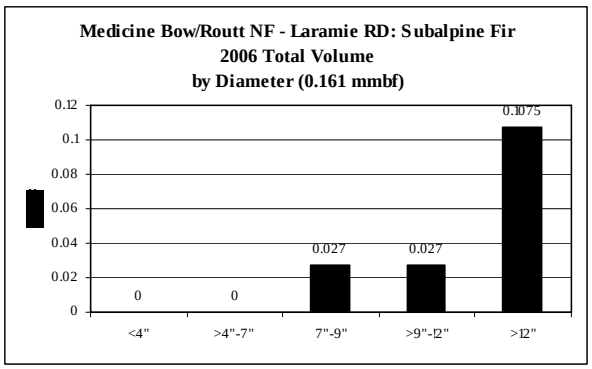
ROM # SaF 1.5

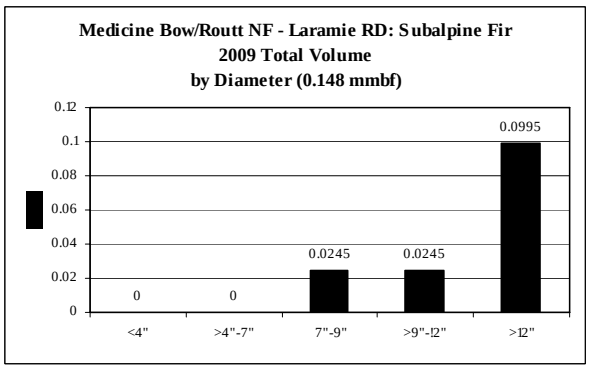
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

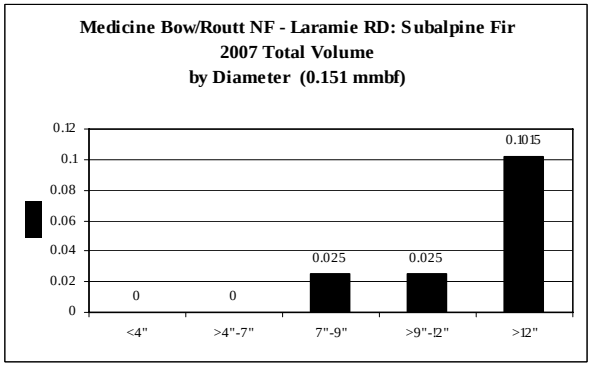
P

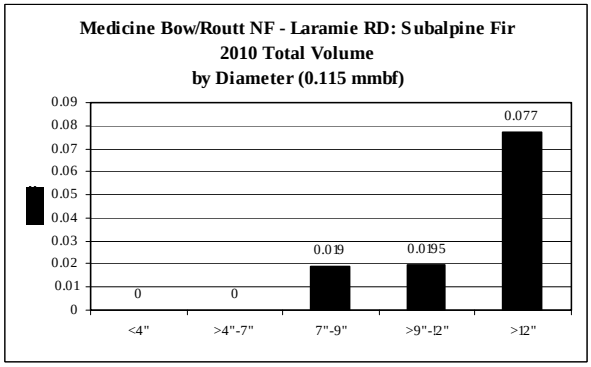
Subalpine Fir **Medicine Bow/Routt NF:** ***Laramie RD***	***5-yr = .676 mmbf***
	• **Fairly level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .224	• **>7"-9" = 17% (.112 mmbf)** • **>9"-12" = 17% (.1125 mmbf)** • **<12" = 0% (0 mmbf)**
L = .4515	• **>12" = 66% (.4515 mmbf)**







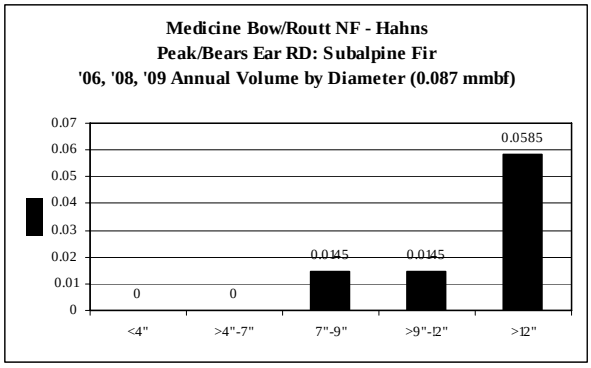




Subalpine Fir **CROP offering '06 – '10 (by agency)**

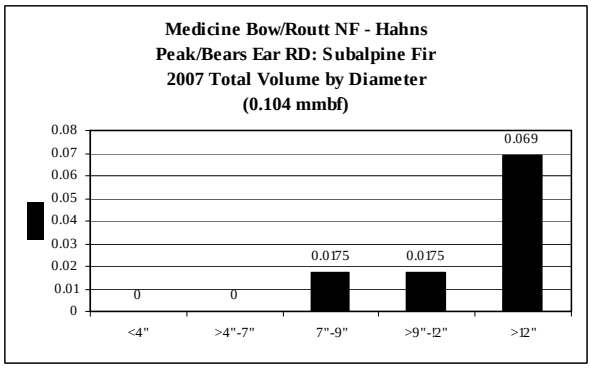
ROM # SaF 1.6

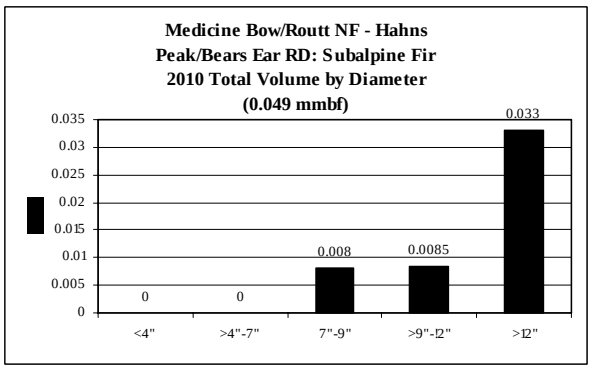
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)



Q

Subalpine Fir **Medicine Bow/Routt NF:** ***Hahns Peak/Bears Ear RD***	***5-yr = .416 mmbf***
	• **Fairly level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .1385	• **>7"-9" = 17% (.069mmbf)** • **>9"-12" = 17% (.0695 mmbf)** • **<12" = 0% (0 mmbf)**
L = .2775	• **>12" = 66% (.2775 mmbf)**





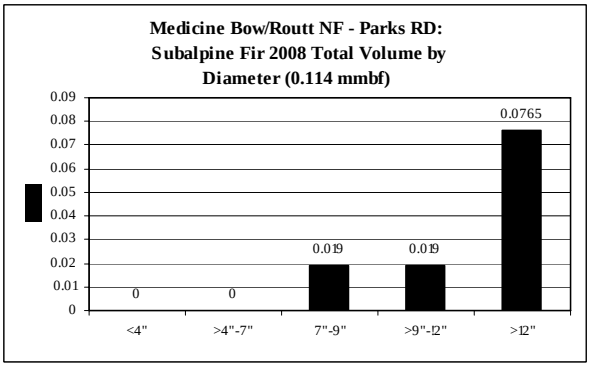
Subalpine Fir **CROP offering '06 – '10 (by agency)**

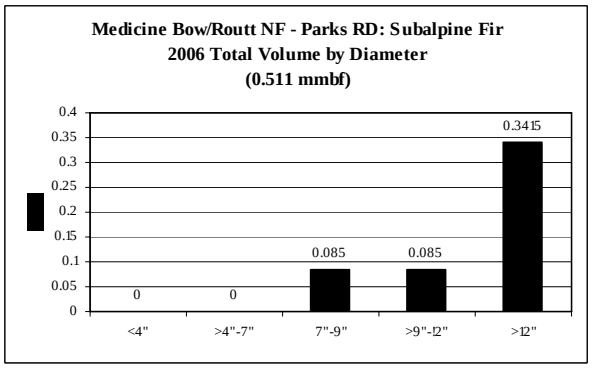
ROM # SaF 1.7

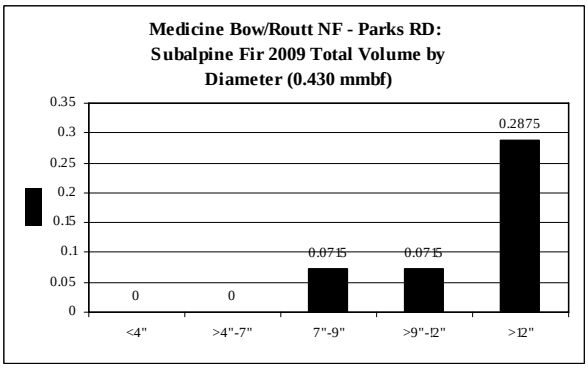
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

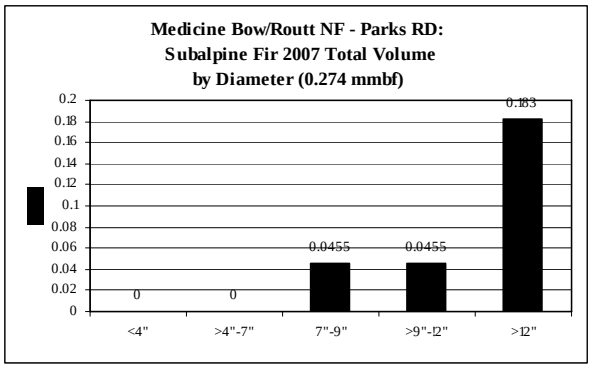
R

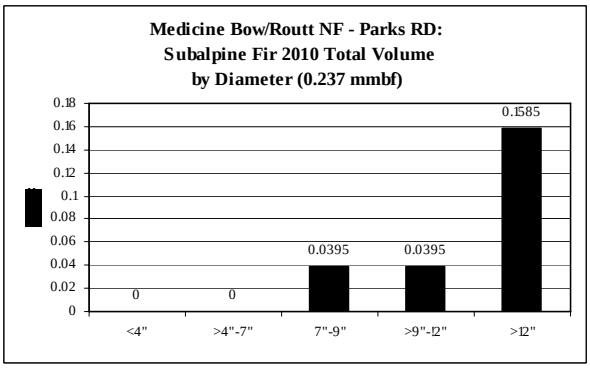
Subalpine Fir **Medicine Bow/Routt NF:** ***Parks RD***	***5-yr = 1.568 mmbf***
	• **Fairly level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .521	• **>7"-9" = 17% (.2605mmbf)** • **>9"-12" = 17% (.2605 mmbf)** • **<12" = 0% (0 mmbf)**
L = 1.047	• **>12" = 66% (1.047 mmbf)**







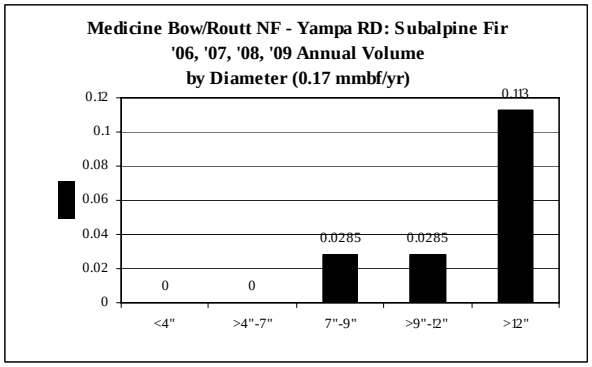




Subalpine Fir **CROP offering '06 – '10 (by agency)**

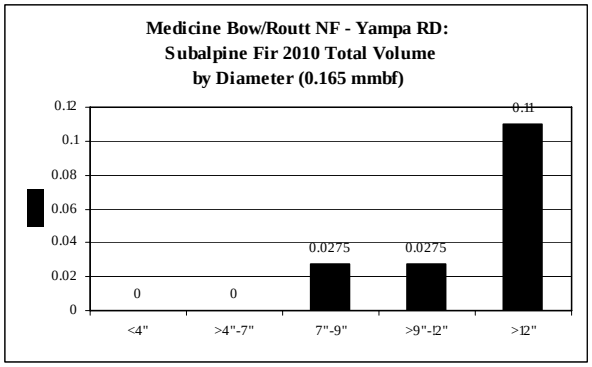
ROM # SaF 1.8

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)



S

Subalpine Fir **Medicine Bow/Routt NF:** ***Yampa RD***	***5-yr = .845 mmbf***
	• **Level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .283	• **>7"-9" = 17% (.1415 mmbf)** • **>9"-12" = 17% (.1415 mmbf)** • **<12" = 0% (0 mmbf)**
L = .562	• **>12" = 66% (.562 mmbf)**



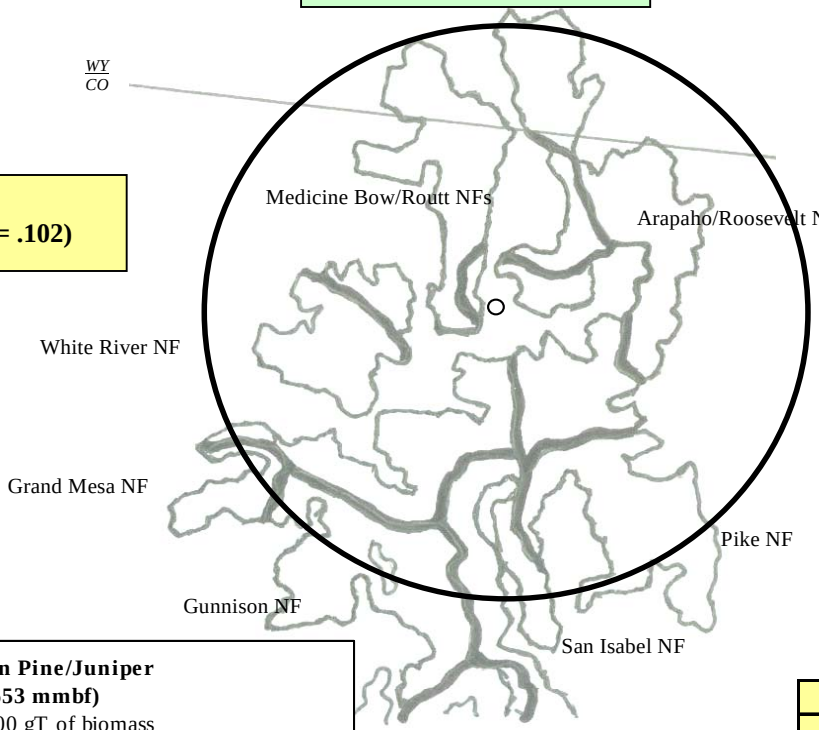
Colorado: Pinyon Pine/Juniper CROP offering '06 – '10
(gT = 3,550 / S = 2.842 mmbf / L = .102 mmbf)

ROM # Pp/J 1

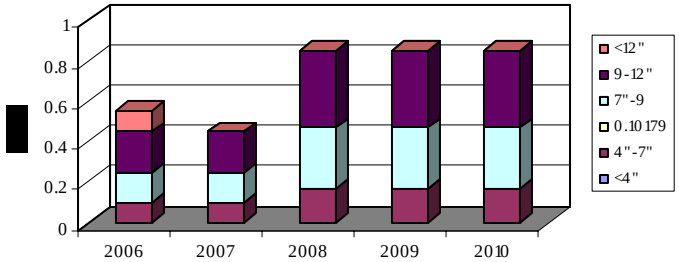
gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

CO-DNR: 6%
(gT = 0 / S = .102 / L = .102)

CO-BLM: 2 districts 94%
(gT = 3,550 / S = 2.74 / L = 0)



All Agencies: Pinyon Pine/Juniper
(5-yr total = 3.653 mmbf)
.71 mmbf is <7" = 3,500 gT of biomass
2.8417 mmbf is >7"-12" = small logs
.1017 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	500	0.45179	0.10179
2007	500	0.35	0
2008	850	0.68	0
2009	850	0.68	0
2010	850	0.68	0
Totals	3550	2.84179	0.10179
%	19%	78%	3%
	0.71		

MATER ENGINEERING, LTD.

<u>*Pinyon Pine/Juniper*</u> CROP offering '06 – '10
(gT = 3,550 / S = 2.842 mmbf / L = .102 mmbf)

ROM # Pp/J 1.1

Pp/J = pinyon pine/juniper

BLM:

A	Royal Gorge District (CO)
B	***White River District (CO)***
C	Little Snake District (CO)
D	Glenwood Springs District (CO)
E	***Kremmling District (CO)***
F	Rawlins District (WY)

WY - SFD:

G	SFD

Arapaho/Roosevelt NF:

H	Clear Creek RD
I	Sulphur RD
J	Canyon Lakes RD
K	Boulder RD

Grand Mesa, U & G NFs:

L	Grand Valley RD
M	Gunnison RD
N	Paonia RD

Medicine Bow/Routt NFs:

O	Brush Creek/Hayden RD
P	Laramie RD
Q	Hahns Peak/Bears Ear RD
R	Parks RD
S	Yampa RD

Pike NF:

T	Pikes Peak RD
U	South Platte RD
V	South Park RD

San Isabel NF:

W	Leadville RD
X	Salida RD

White River NF:

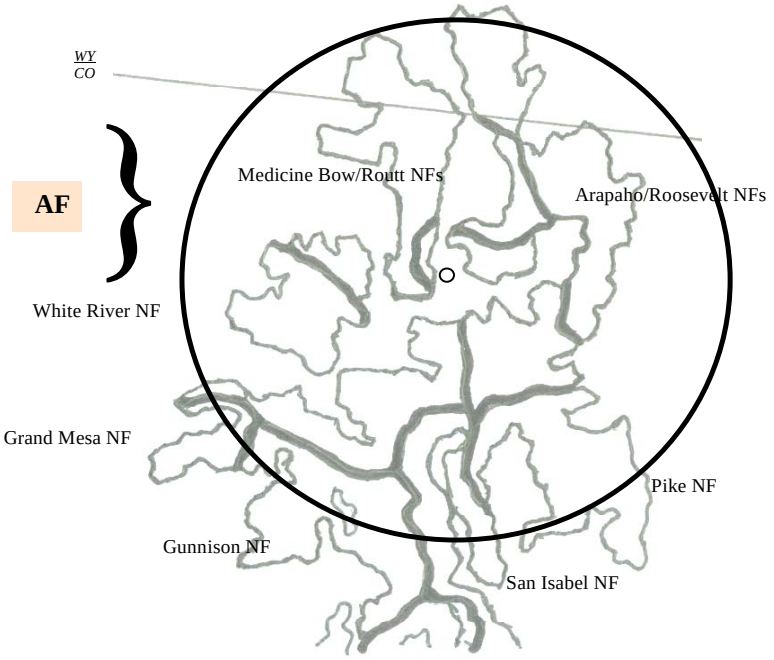
Y	Aspen/Sopris RD
Z	Dillon RD
AA	Holy Cross/Eagle RD
AB	Blanco RD
AC	Rifle RD

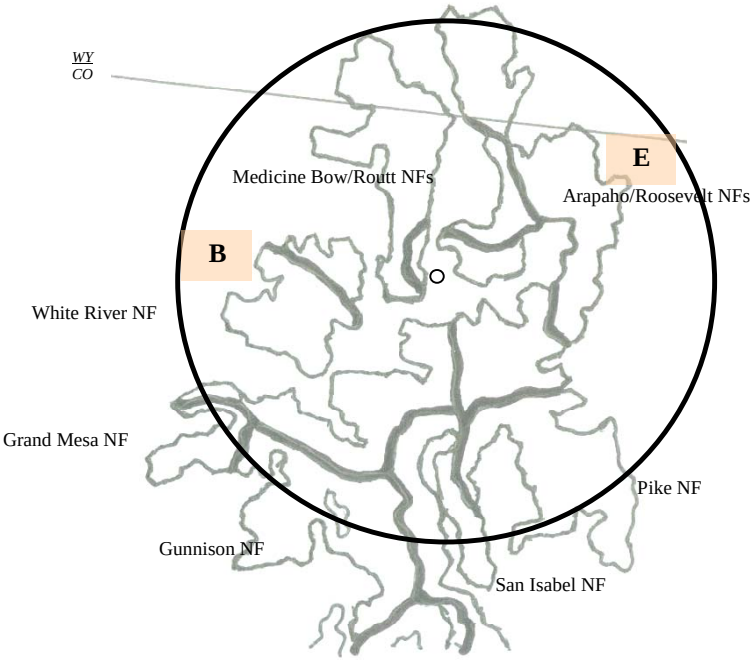
Colorado Counties:

AD	Jefferson Co.
AE	Summit Co.

Colorado DNR:

AF	***CO-DNR***

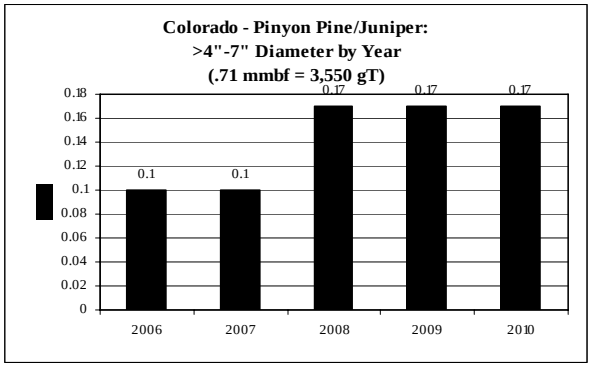


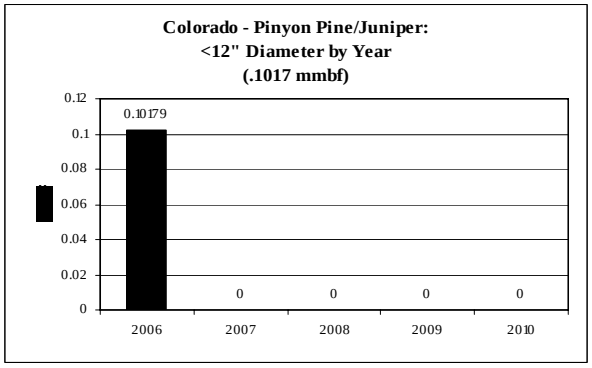


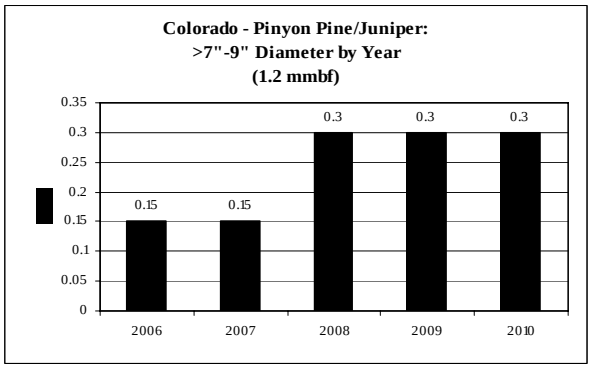
*italics/bold = species offering in CROP

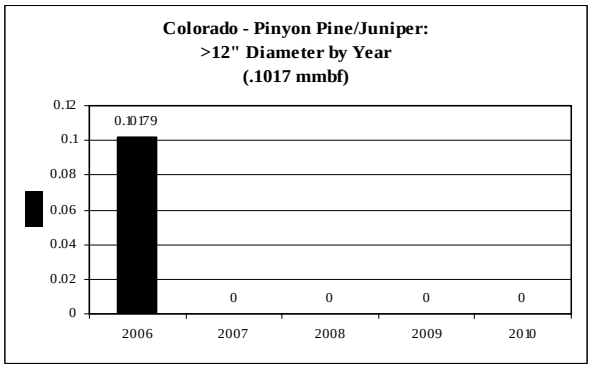
Colorado - Pinyon Pine/Juniper: Diameter by Year

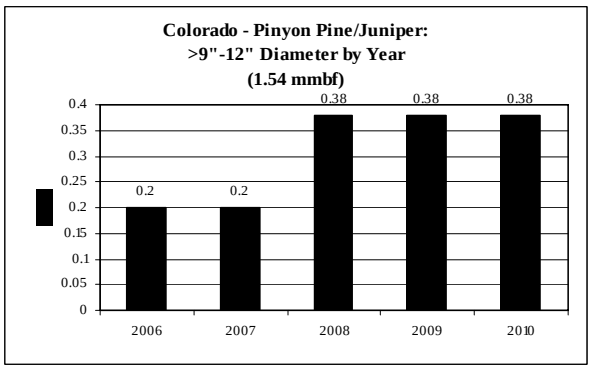
ROM # Pp/J 1.2









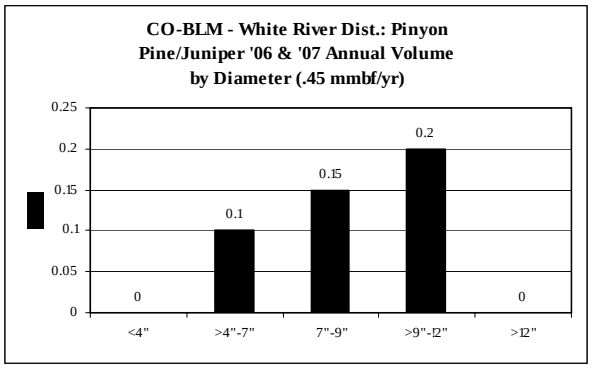


Note: No volume for <4" dbh

gT = green tons (up to 7” dbh)
S = small log mmbf (>7”-12” dbh)
L = large log mmbf (>12” dbh)

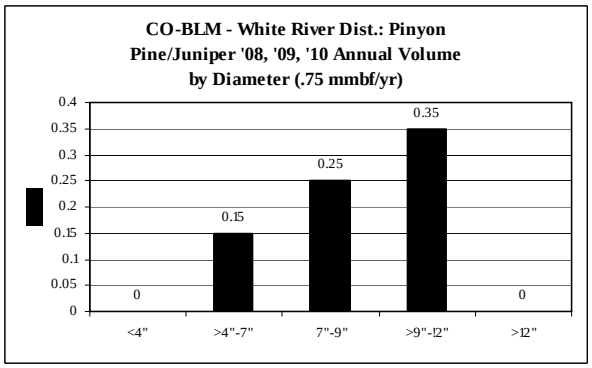
Pinyon Pine/Juniper **CROP offering ‘06 – ‘10 (by agency)**

ROM # Pp/J 1.3



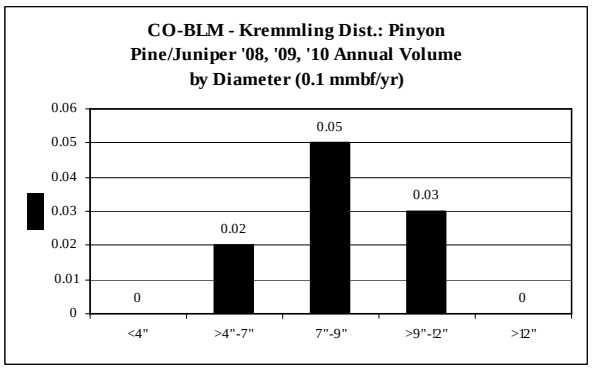
B

Pinyon Pine/Juniper **CO-BLM:** ***White River Dist.***	***5-yr = 3.15 mmbf***
	• **Fairly level supply from year to year**
gT = 3,250	• **<4” = 0% (0 mmbf)** • **>4”-7” = 21% (.65 mmbf)**
S = 2.5	• **>7”-9” = 33% (1.05 mmbf)** • **>9”-12” = 46% (1.45 mmbf)** • **<12” = 0% (0 mmbf)**
L = 0	• **>12” = 0% (0 mmbf)**



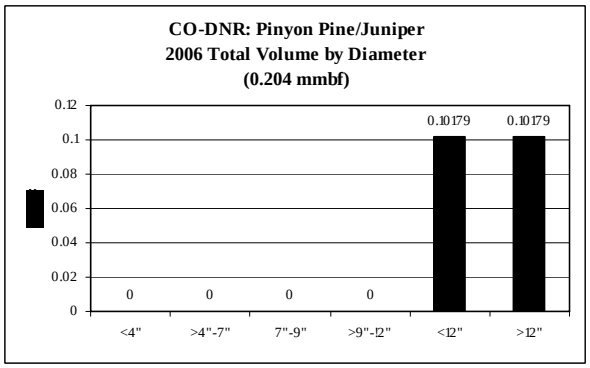
E

Pinyon Pine/Juniper **CO-BLM:** ***Kremmling Dist.***	***5-yr = .3 mmbf***
	• **Only offered in ’08, ’09, & ‘10**
gT = 300	• **<4” = 0% (0 mmbf)** • **>4”-7” = 20% (.06 mmbf)**
S = .24	• **>7”-9” = 50% (.15 mmbf)** • **>9”-12” = 30% (.09 mmbf)** • **<12” = 0% (0 mmbf)**
L = 0	• **>12” = 0% (0 mmbf)**



AF

Pinyon Pine/Juniper **CO DNR**	***5-yr = .204 mmbf***
	• **Only offered in ’06**
gT = 0	• **<4” = 0% (0 mmbf)** • **>4”-7” = 0% (0 mmbf)**
S = .102	• **>7”-9” = 0% (0 mmbf)** • **>9”-12” = 0% (0 mmbf)** • **<12” = 50% (.102 mmbf)**
L = .102	• **>12” = 50% (.102 mmbf)**

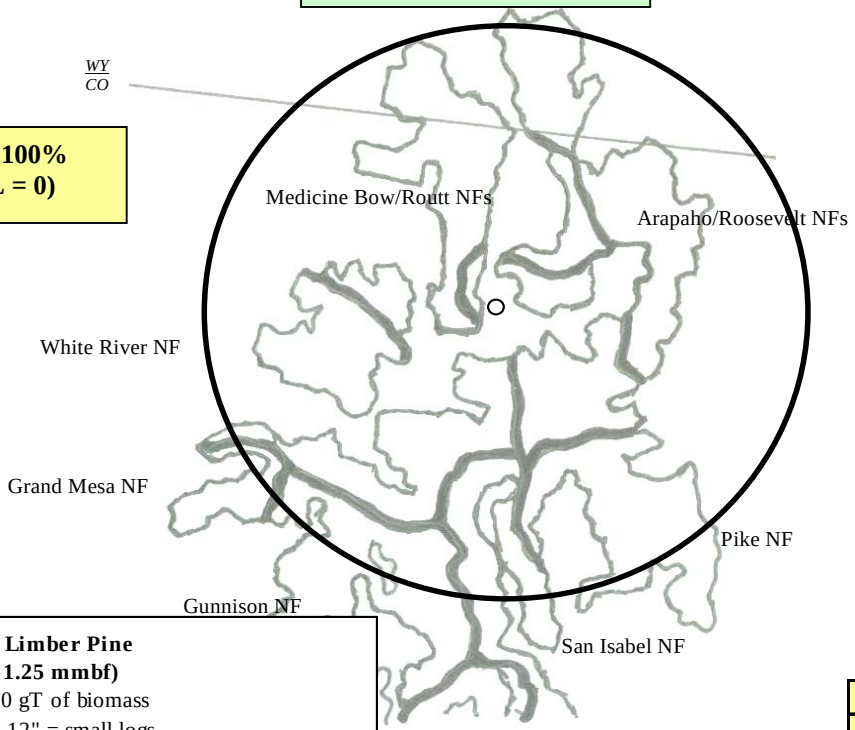


Colorado: ***Limber Pine*** **CROP offering '06 – '10**
(gT = 0 / S = 1.25 mmbf / L = 0 mmbf)

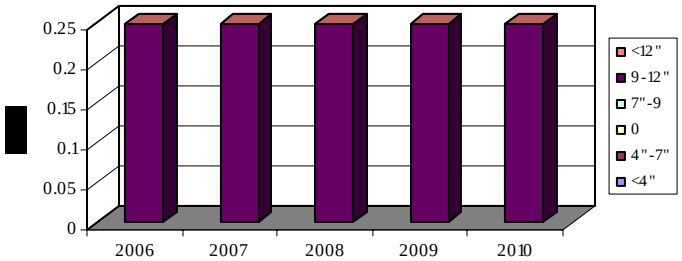
ROM # Lim P 1

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

WY-BLM: 1 district 100%
(gT = 0 / S = 1.25 / L = 0)



All Agencies: Limber Pine
(5-yr total = 1.25 mmbf)
0 mmbf is <7" = 0 gT of biomass
1.25 mmbf is >7"-12" = small logs
0 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	0	0.25	0
2007	0	0.25	0
2008	0	0.25	0
2009	0	0.25	0
2010	0	0.25	0
Totals	0	1.25	0
%	0%	100%	0%
	0		

Limber Pine CROP offering '06 – '10
(gT = 0 / S = 1.25 mmbf / L = 0 mmbf)

ROM # Lim P 1.1

Lim P = limber pine

BLM:

A	Royal Gorge District (CO)
B	White River District (CO)
C	Little Snake District (CO)
D	Glenwood Springs District (CO)
E	Kremmling District (CO)
F	Rawlins District (WY)

WY - SFD:

G	***SFD***

Arapaho/Roosevelt NF:

H	Clear Creek RD
I	Sulphur RD
J	Canyon Lakes RD
K	Boulder RD

Grand Mesa, U & G NFs:

L	Grand Valley RD
M	Gunnison RD
N	Paonia RD

Medicine Bow/Routt NFs:

O	Brush Creek/Hayden RD
P	Laramie RD
Q	Hahns Peak/Bears Ear RD
R	Parks RD
S	Yampa RD

Pike NF:

T	Pikes Peak RD
U	South Platte RD
V	South Park RD

San Isabel NF:

W	Leadville RD
X	Salida RD

White River NF:

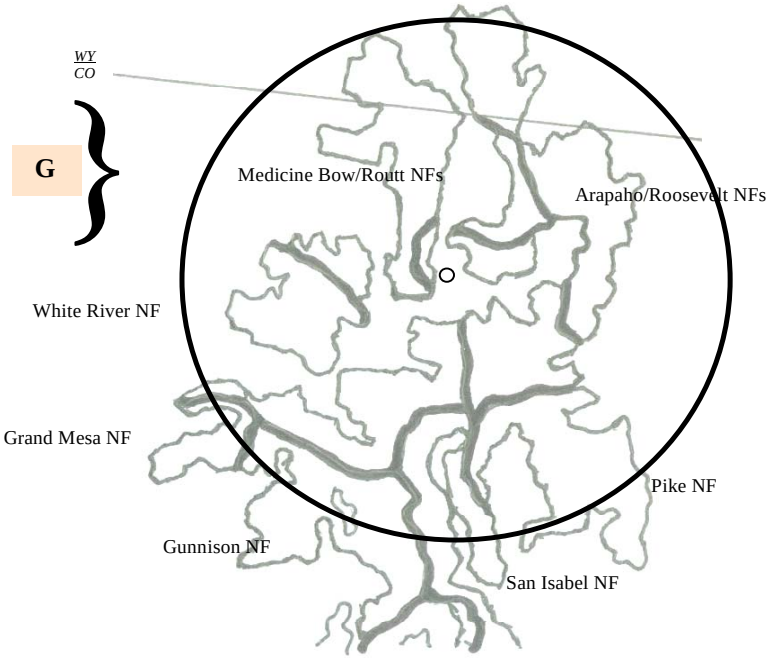
Y	Aspen/Sopris RD
Z	Dillon RD
AA	Holy Cross/Eagle RD
AB	Blanco RD
AC	Rifle RD

Colorado Counties:

AD	Jefferson Co.
AE	Summit Co.

Colorado DNR:

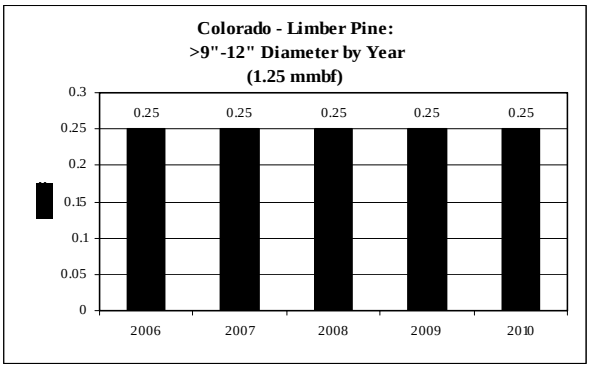
AF	CO-DNR



*italics/bold = species offering in CROP

***Colorado - Limber Pine:* Diameter by Year**

ROM # Lim P 1.2



Note: No volume for <4”, >4”-7”, >7”-12”, <12”, >12” dbh

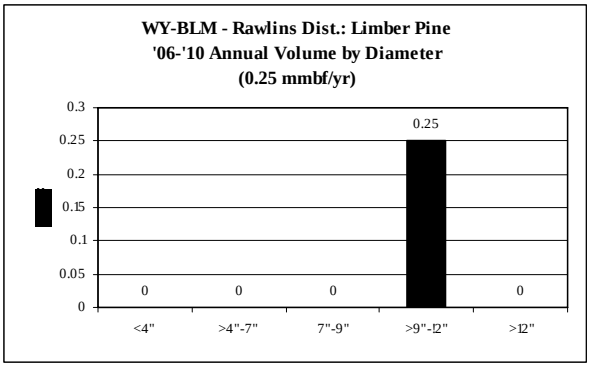
Limber Pine CROP offering '06 – '10 (by agency)

ROM # Lim P 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

G

Limber Pine **WY-BLM:** ***Rawlins Dist.***	***5-yr = 1.25 mmbf; .25 mmbf/yr***
	• **Level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = 1.25	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 100% (1.25 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**

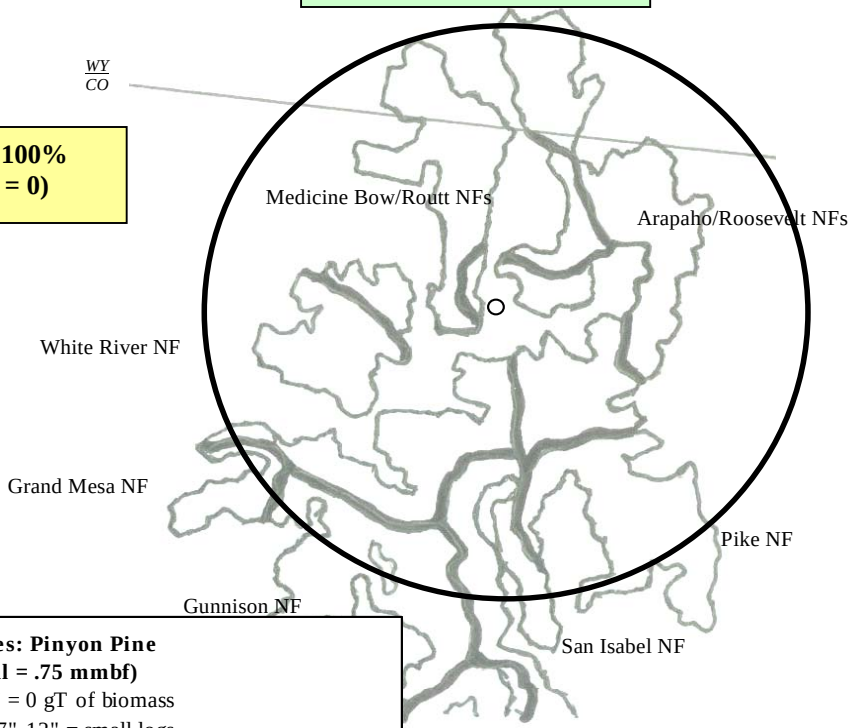


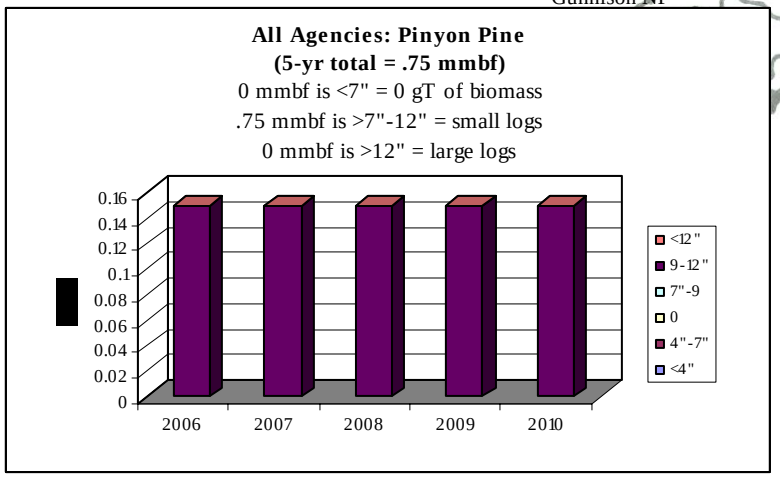
Colorado: Pinyon Pine CROP offering '06 – '10
(gT = 0 / S = .75 mmbf / L = 0 mmbf)

ROM # Pp 1

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

WY-BLM: 1 district 100%
(gT = 0 / S = .75 / L = 0)





	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	0	0.15	0
2007	0	0.15	0
2008	0	0.15	0
2009	0	0.15	0
2010	0	0.15	0
Totals	0	0.75	0
%	0%	100%	0%
	0		

Pinyon Pine CROP offering '06 – '10
(gT = 0 / S = .75 mmbf / L = 0 mmbf)

ROM # Pp 1.1

Pp = pinyon pine

BLM:
- A Royal Gorge District (CO)
- B White River District (CO)
- C Little Snake District (CO)
- D Glenwood Springs District (CO)
- E Kremmling District (CO)
- **F** ***Rawlins District (WY)***

WY - SFD:
- G SFD

Arapaho/Roosevelt NF:
- H Clear Creek RD
- I Sulphur RD
- J Canyon Lakes RD
- K Boulder RD

Grand Mesa, U & G NFs:
- L Grand Valley RD
- M Gunnison RD
- N Paonia RD

Medicine Bow/Routt NFs:
- O Brush Creek/Hayden RD
- P Laramie RD
- Q Hahns Peak/Bears Ear RD
- R Parks RD
- S Yampa RD

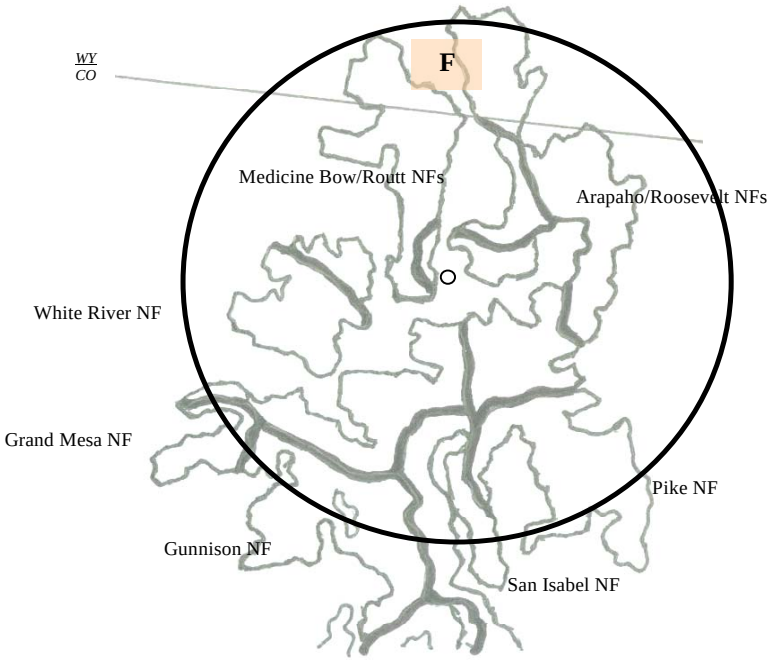
Pike NF:
- T Pikes Peak RD
- U South Platte RD
- V South Park RD

San Isabel NF:
- W Leadville RD
- X Salida RD

White River NF:
- Y Aspen/Sopris RD
- Z Dillon RD
- AA Holy Cross/Eagle RD
- AB Blanco RD
- AC Rifle RD

Colorado Counties:
- AD Jefferson Co.
- AE Summit Co.

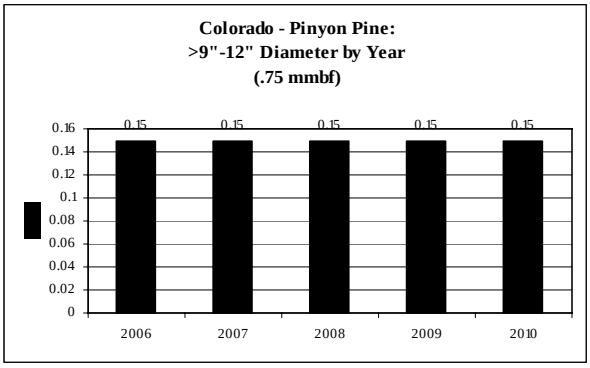
Colorado DNR:
- AF CO-DNR



*italics/bold = species offering in CROP

***Colorado - <u>Pinyon Pine</u>:* Diameter by Year**

ROM # Pp 1.2



Note: No volume for <4”, >4”-7”, >7”-9”, <12”, >12” dbh

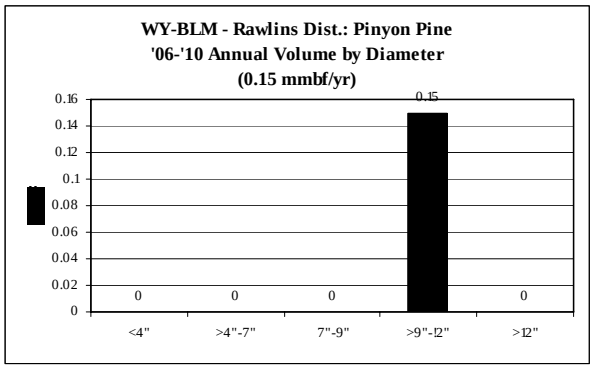
<u>*Pinyon Pine*</u> CROP offering '06 – '10
(by agency)

ROM # Pp 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

F

Pinyon Pine **WY-BLM:** ***Rawlins Dist.***	***5-yr = .75 mmbf; .15 mmbf/yr***
	• **Level supply from year to year**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .75	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 100% (.75 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**

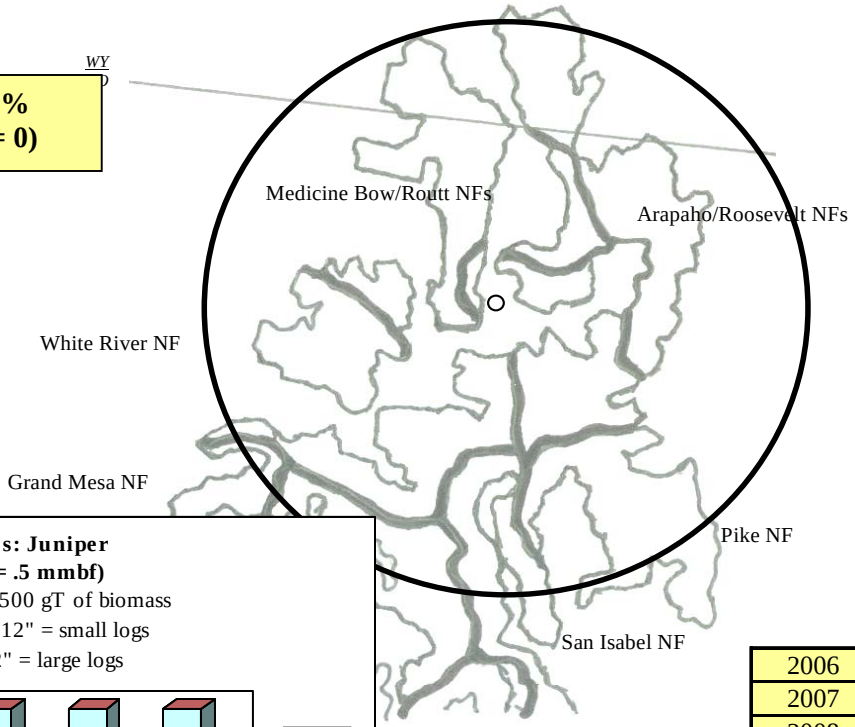


Colorado: Juniper CROP offering '06 – '10
(gT = 2,500 / S = .25 mmbf / L = 0 mmbf)

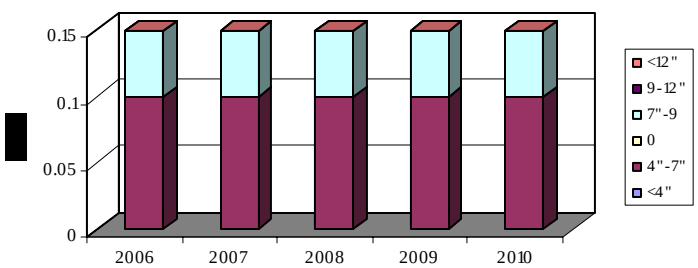
ROM # JUN 1

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

CO-BLM: 1 district 100%
(gT = 2,500 / S = .25 / L = 0)



All Agencies: Juniper
(5-yr total = .5 mmbf)
.5 mmbf is <7" = 2,500 gT of biomass
.25 mmbf is >7"-12" = small logs
0 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	500	0.05	0
2007	500	0.05	0
2008	500	0.05	0
2009	500	0.05	0
2010	500	0.05	0
Totals	2500	0.25	0
%	67%	33%	0%
	0.5		

MATER ENGINEERING, LTD.

Juniper CROP offering '06 – '10
(gT = 2,500 / S = .25 mmbf / L = 0 mmbf)

ROM # JUN 1.1

JUN = juniper

BLM:

A	Royal Gorge District (CO)
B	White River District (CO)
C	***Little Snake District (CO)***
D	Glenwood Springs District (CO)
E	Kremmling District (CO)
F	Rawlins District (WY)

WY - SFD:

G	SFD

Arapaho/Roosevelt NF:

H	Clear Creek RD
I	Sulphur RD
J	Canyon Lakes RD
K	Boulder RD

Grand Mesa, U & G NFs:

L	Grand Valley RD
M	Gunnison RD
N	Paonia RD

Medicine Bow/Routt NFs:

O	Brush Creek/Hayden RD
P	Laramie RD
Q	Hahns Peak/Bears Ear RD
R	Parks RD
S	Yampa RD

Pike NF:

T	Pikes Peak RD
U	South Platte RD
V	South Park RD

San Isabel NF:

W	Leadville RD
X	Salida RD

White River NF:

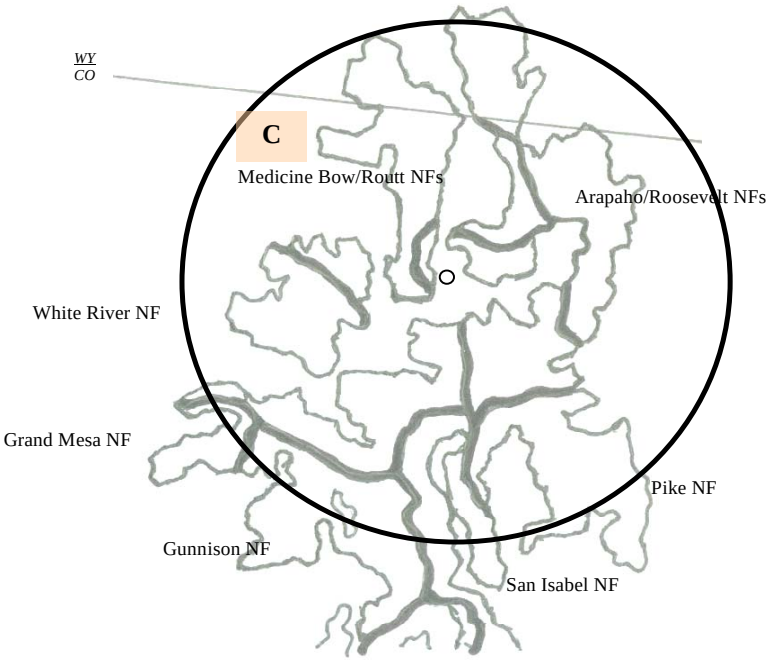
Y	Aspen/Sopris RD
Z	Dillon RD
AA	Holy Cross/Eagle RD
AB	Blanco RD
AC	Rifle RD

Colorado Counties:

AD	Jefferson Co.
AE	Summit Co.

Colorado DNR:

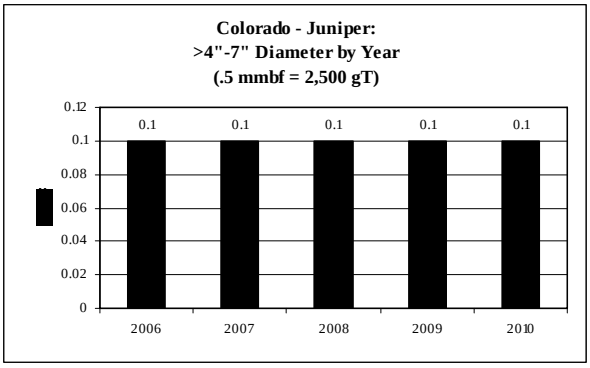
AF	CO-DNR

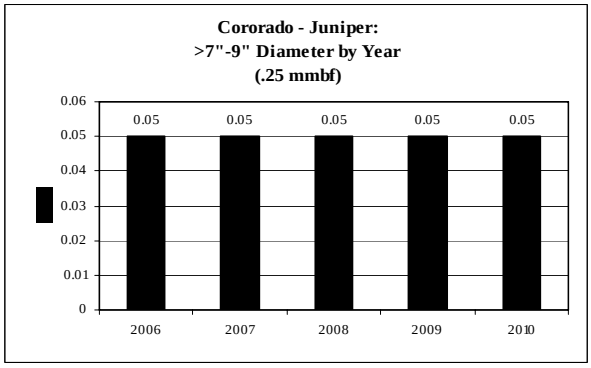


*italics/bold = species offering in CROP

Colorado - Juniper: Diameter by Year

ROM # JUN 1.2





Note: No volume for <4”, >9”-12”, <12”, >12” dbh

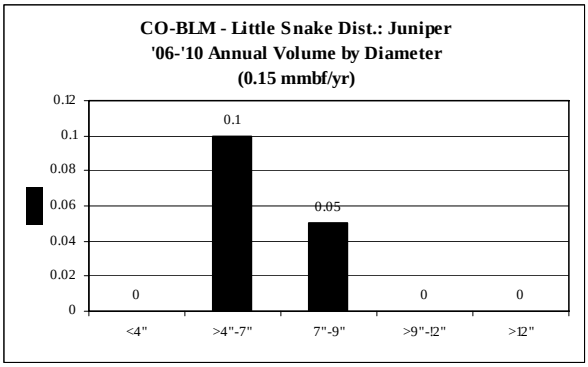
Juniper **CROP offering '06 – '10 (by agency)**

ROM # JUN 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

C

Juniper **CO-BLM:** ***Little Snake Dist.***	***5-yr = .75 mmbf; .15 mmbf/yr***
	• **Level supply from year to year**
gT = 2,500	• **<4" = 0% (0 mmbf)** • **>4"-7" = 67% (.5 mmbf)**
S = .25	• **>7"-9" = 33% (.25 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**

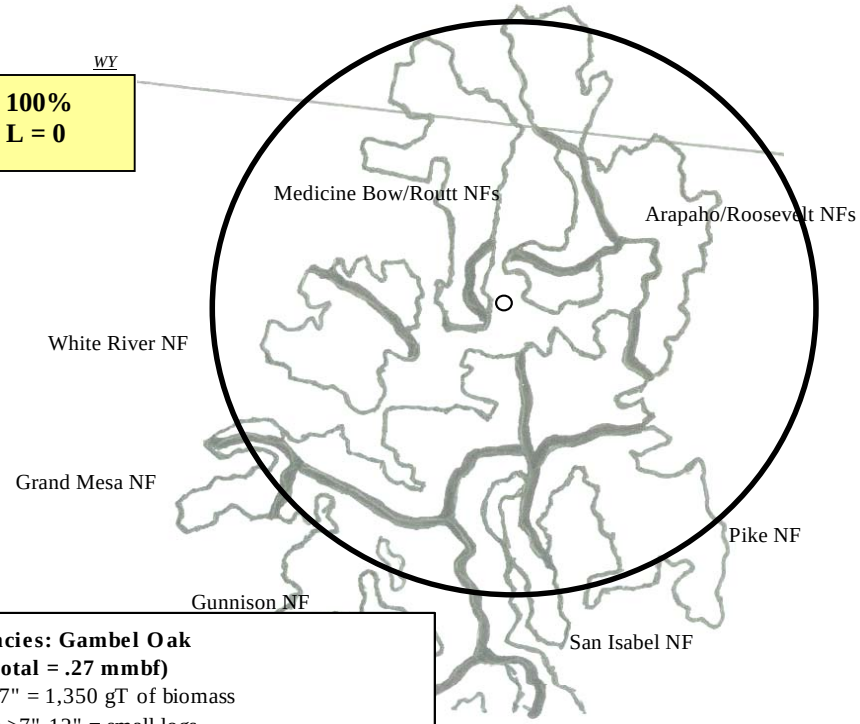


Colorado: Gambel Oak CROP offering '06 – '10
(gT = 1,350 / S = 0 mmbf / L = 0 mmbf)

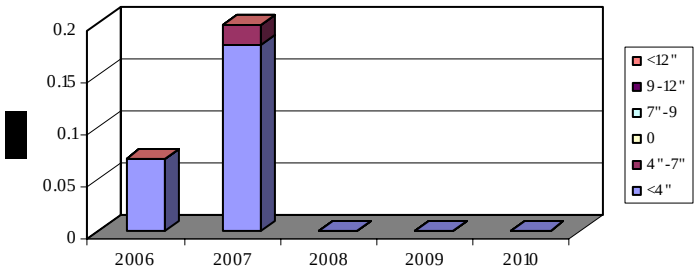
ROM # G Oak 1

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

CO-BLM: 1 district 100%
(gT = 1,350 / S = 0 / L = 0



All Agencies: Gambel Oak
(5-yr total = .27 mmbf)
.27 mmbf is <7" = 1,350 gT of biomass
0 mmbf is >7"-12" = small logs
0 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	350	0	0
2007	1000	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
Totals	1350	0	0
%	100%	0%	0%
	0.27		

<u>*Gambel Oak*</u> CROP offering '06 – '10
(gT = 1,350 / S = 0 mmbf / L = 0 mmbf)

ROM # G Oak 1.1

G Oak = gambel oak

<u>BLM</u>:

A	Royal Gorge District (CO)
B	White River District (CO)
C	Little Snake District (CO)
D	***Glenwood Springs District (CO)***
E	Kremmling District (CO)
F	Rawlins District (WY)

<u>WY - SFD</u>:

G	SFD

<u>Arapaho/Roosevelt NF</u>:

H	Clear Creek RD
I	Sulphur RD
J	Canyon Lakes RD
K	Boulder RD

<u>Grand Mesa, U & G NFs:</u>

L	Grand Valley RD
M	Gunnison RD
N	Paonia RD

<u>Medicine Bow/Routt NFs</u>:

O	Brush Creek/Hayden RD
P	Laramie RD
Q	Hahns Peak/Bears Ear RD
R	Parks RD
S	Yampa RD

<u>Pike NF</u>:

T	Pikes Peak RD
U	South Platte RD
V	South Park RD

<u>San Isabel NF</u>:

W	Leadville RD
X	Salida RD

<u>White River NF</u>:

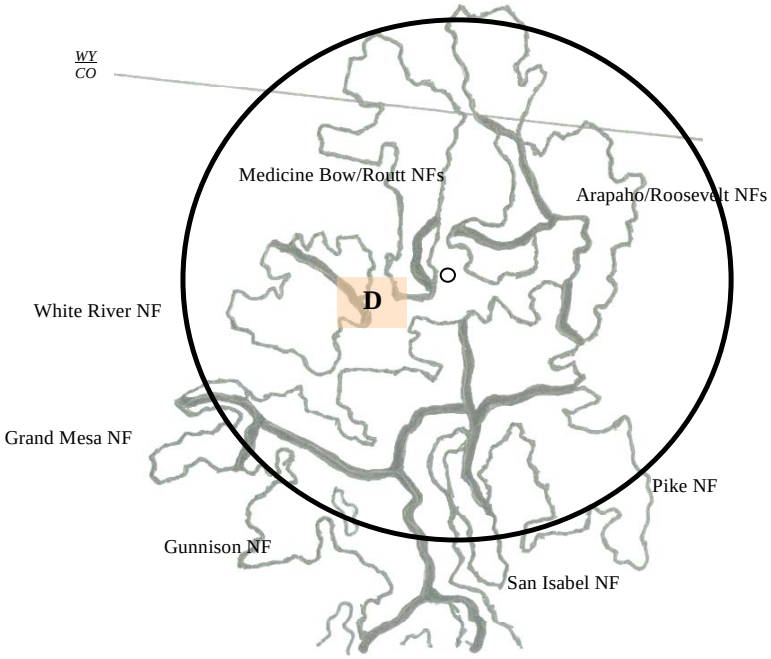
Y	Aspen/Sopris RD
Z	Dillon RD
AA	Holy Cross/Eagle RD
AB	Blanco RD
AC	Rifle RD

<u>Colorado Counties</u>:

AD	Jefferson Co.
AE	Summit Co.

<u>Colorado DNR</u>:

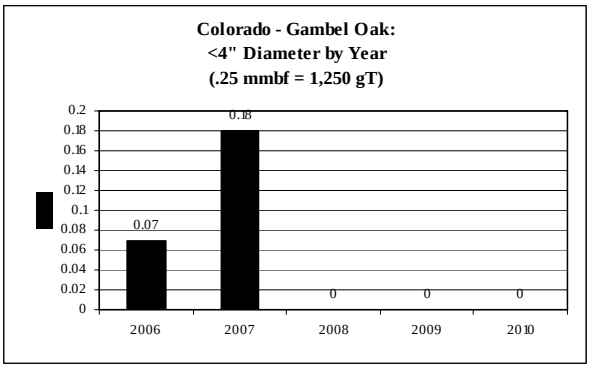
AF	CO-DNR

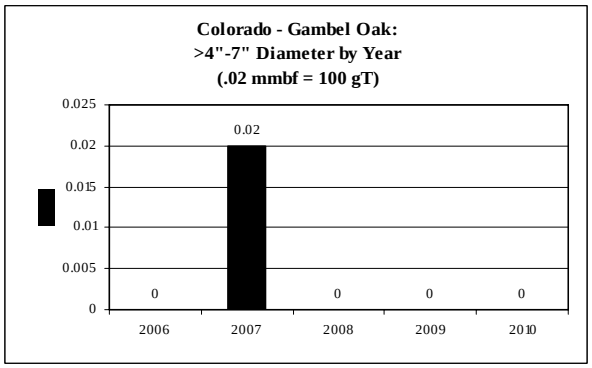


*italics/bold = species offering in CROP

Colorado - Gambel Oak: Diameter by Year

ROM # G Oak 1.2





Note: No volume for >7”-9”, >9”-12”, <12”, >12” dbh

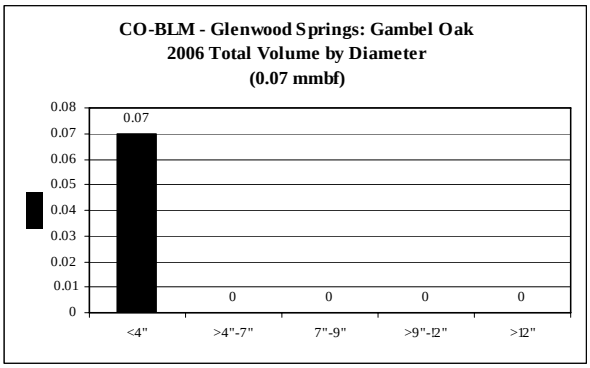
Gambel Oak **CROP offering '06 – '10 (by agency)**

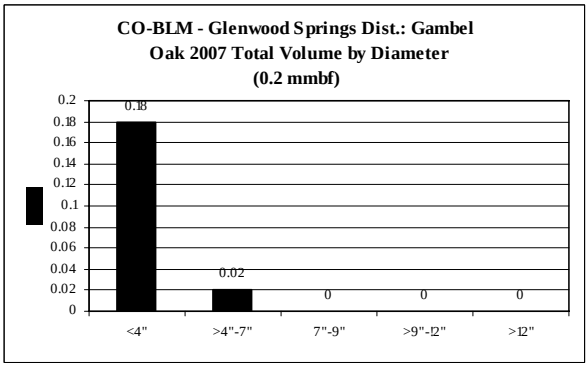
ROM # G Oak 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

D

Gambel Oak **CO-BLM:** ***Glenwood Springs Dist.***	***5-yr = .27 mmbf***
	• **Only offered in '06 & '07**
gT = 1,350	• **<4" = 93% (.25 mmbf)** • **>4"-7" = 7% (.02 mmbf)**
S = 0	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 0% (0 mmbf)**
L = 0	• **>12" = 0% (0 mmbf)**



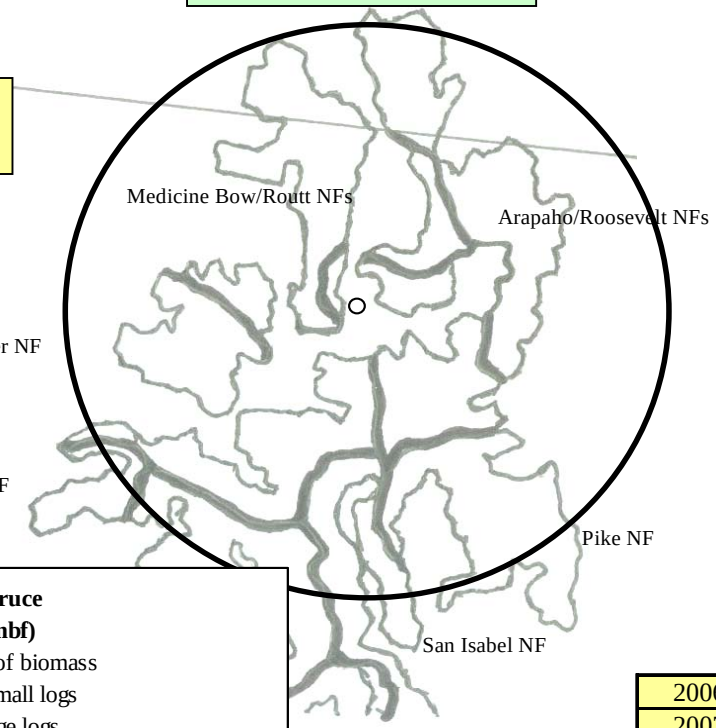


Colorado: Blue Spruce CROP offering '06 – '10
(gT = 114 / S = .0604 mmbf / L = .0151 mmbf)

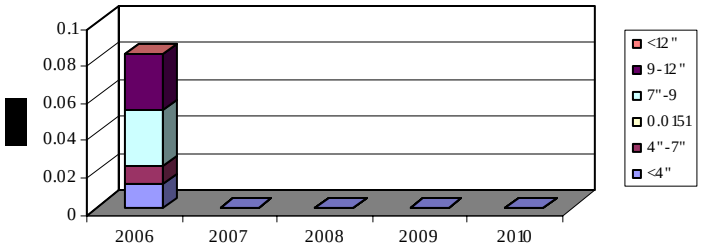
ROM # BS 1

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

Pike NF: 1 RD 100%
(gT = 114 / S = .0604 / L = .0151)



All Agencies: Blue Spruce
(5-yr total = .0983 mmbf)
.0228 mmbf is <7" = 114 gT of biomass
.0604 mmbf is >7"-12" = small logs
.0151 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	114.125	0.0604	0.0151
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
Totals	114.125	0.0604	0.0151
%	23%	61%	15%
	0.022825		

MATER ENGINEERING, LTD.

Blue Spruce CROP offering '06 – '10
(gT = 114 / S = .0604 mmbf / L = .0151 mmbf)

ROM # BS 1.1

BS = blue spruce

BLM:
- A Royal Gorge District (CO)
- B White River District (CO)
- C Little Snake District (CO)
- D Glenwood Springs District (CO)
- E Kremmling District (CO)
- F Rawlins District (WY)

WY - SFD:
- G SFD

Arapaho/Roosevelt NF:
- H Clear Creek RD
- I Sulphur RD
- J Canyon Lakes RD
- K Boulder RD

Grand Mesa, U & G NFs:
- L Grand Valley RD
- M Gunnison RD
- N Paonia RD

Medicine Bow/Routt NFs:
- O Brush Creek/Hayden RD
- P Laramie RD
- Q Hahns Peak/Bears Ear RD
- R Parks RD
- S Yampa RD

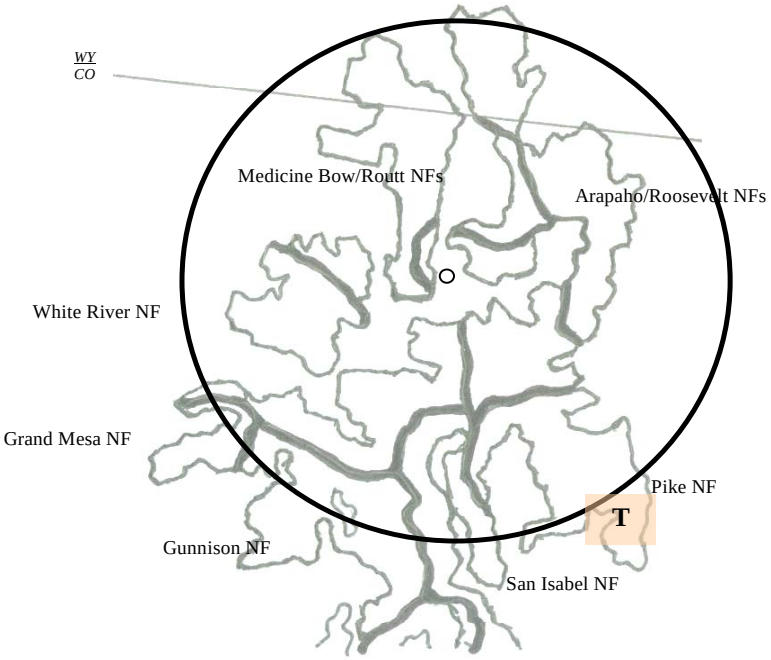
Pike NF:
- **T** ***Pikes Peak RD***
- U South Platte RD
- V South Park RD

San Isabel NF:
- W Leadville RD
- X Salida RD

White River NF:
- Y Aspen/Sopris RD
- Z Dillon RD
- AA Holy Cross/Eagle RD
- AB Blanco RD
- AC Rifle RD

Colorado Counties:
- AD Jefferson Co.
- AE Summit Co.

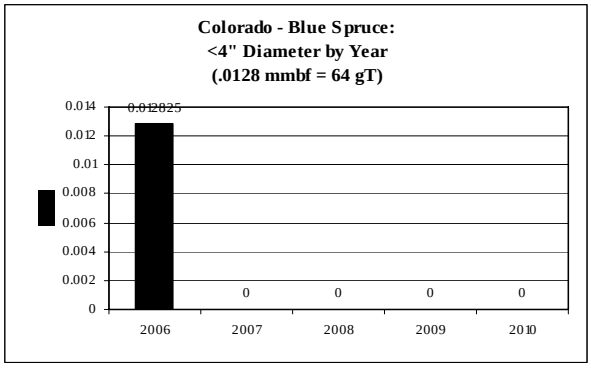
Colorado DNR:
- AF CO-DNR

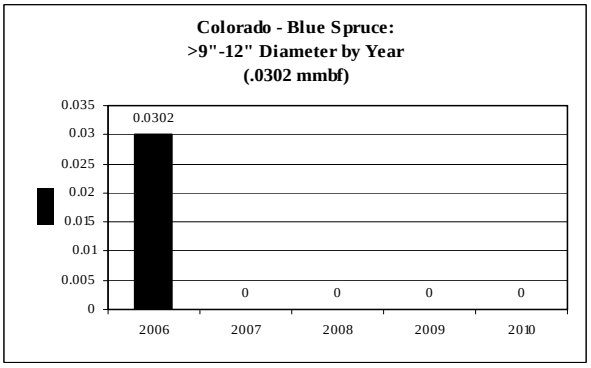


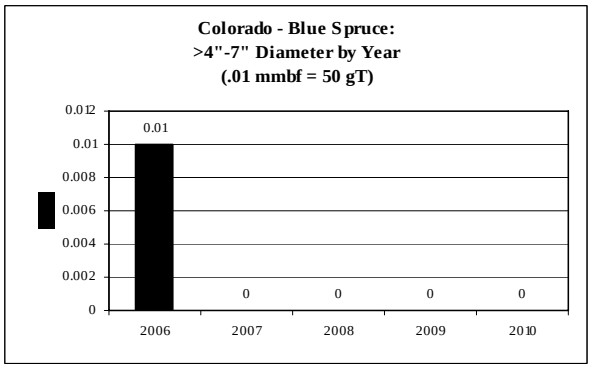
*italics/bold = species offering in CROP

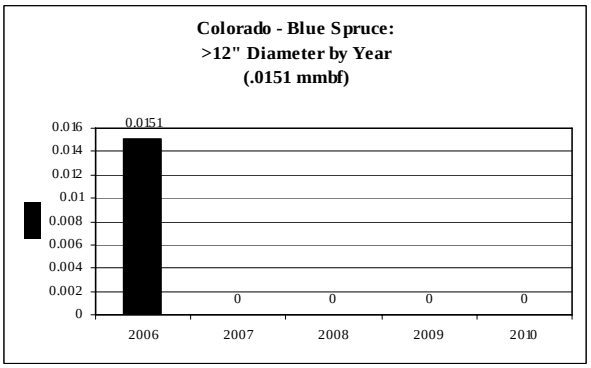
Colorado - Blue Spruce: Diameter by Year

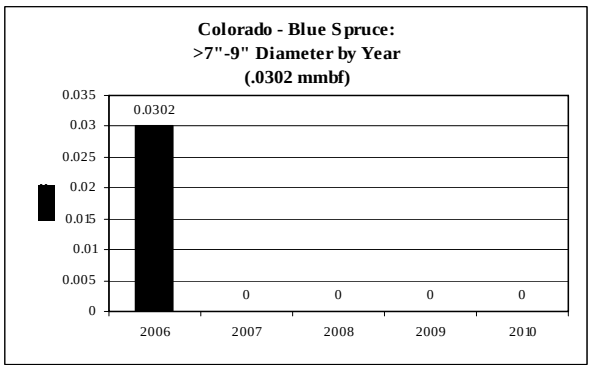
ROM # BS 1.2











Note: No volume for <12” dbh

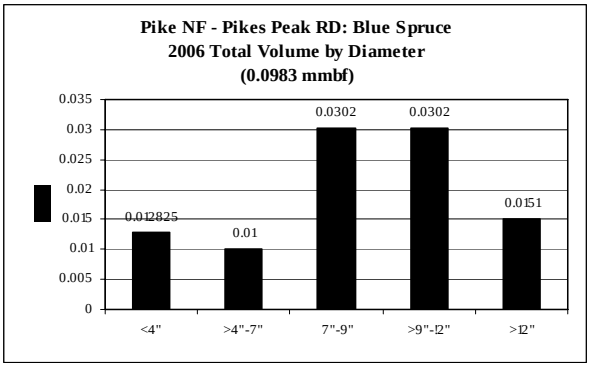
Blue Spruce CROP offering '06 – '10
(by agency)

ROM # BS 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

T

Blue Spruce **Pike NF:** ***Pikes Peak RD***	***5-yr = .0983 mmbf***
	• **Only offered in '06**
gT = 114	• **<4" = 13% (.0128 mmbf)** • **>4"-7" = 10% (.01 mmbf)**
S = .0604	• **>7"-9" = 31% (.0302 mmbf)** • **>9"-12" = 31% (.0302 mmbf)** • **<12" = 0% (0 mmbf)**
L = .0151	• **>12" = 15% (.0151 mmbf)**

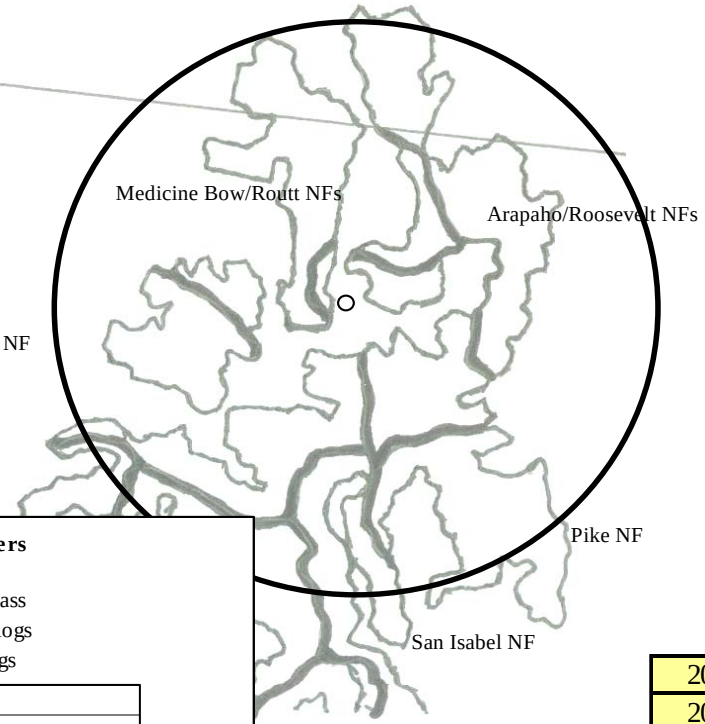


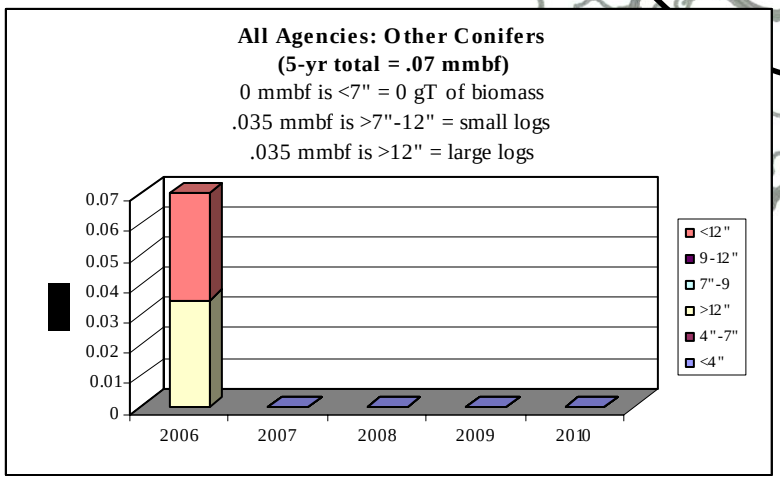
Colorado: Other Conifers CROP offering '06 – '10
(gT = 0 / S = .035 mmbf / L = .035 mmbf)

ROM # OC 1

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

CO-DNR: 1 District 100%
(gT = 0 / S = .035 / L = .035)





	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	0	0.035	0.035
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
Totals	0	0.035	0.035
%	0%	50%	50%

<u>*Other Conifers*</u> CROP offering '06 – '10
(gT = 0 / S = .035 mmbf / L = .035 mmbf)

ROM # OC 1.1

OC = other conifers

<u>BLM</u>:

A	Royal Gorge District (CO)
B	White River District (CO)
C	Little Snake District (CO)
D	Glenwood Springs District (CO)
E	Kremmling District (CO)
F	Rawlins District (WY)

<u>WY - SFD</u>:

G	SFD

<u>Arapaho/Roosevelt NF</u>:

H	Clear Creek RD
I	Sulphur RD
J	Canyon Lakes RD
K	Boulder RD

<u>Grand Mesa, U & G NFs:</u>

L	Grand Valley RD
M	Gunnison RD
N	Paonia RD

<u>Medicine Bow/Routt NFs</u>:

O	Brush Creek/Hayden RD
P	Laramie RD
Q	Hahns Peak/Bears Ear RD
R	Parks RD
S	Yampa RD

<u>Pike NF</u>:

T	Pikes Peak RD
U	South Platte RD
V	South Park RD

<u>San Isabel NF</u>:

W	Leadville RD
X	Salida RD

<u>White River NF</u>:

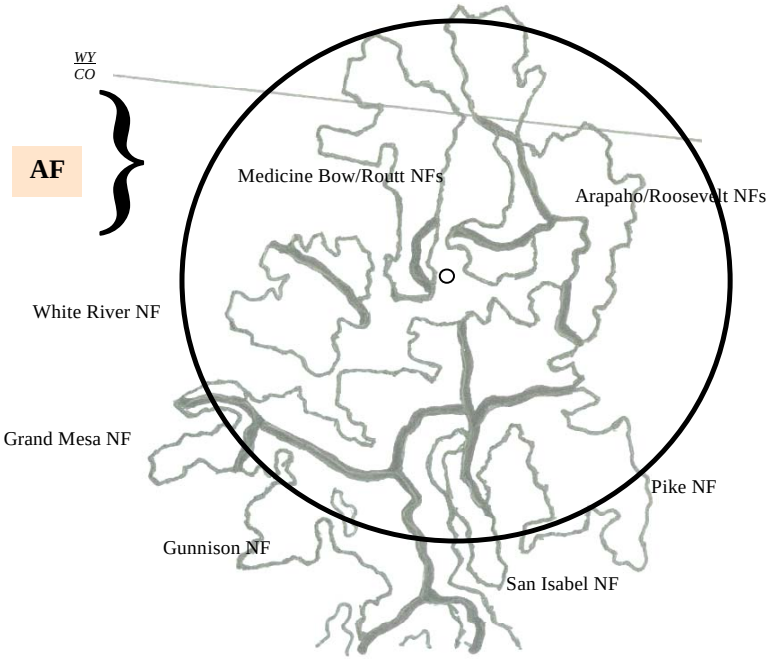
Y	Aspen/Sopris RD
Z	Dillon RD
AA	Holy Cross/Eagle RD
AB	Blanco RD
AC	Rifle RD

<u>Colorado Counties</u>:

AD	Jefferson Co.
AE	Summit Co.

<u>Colorado DNR</u>:

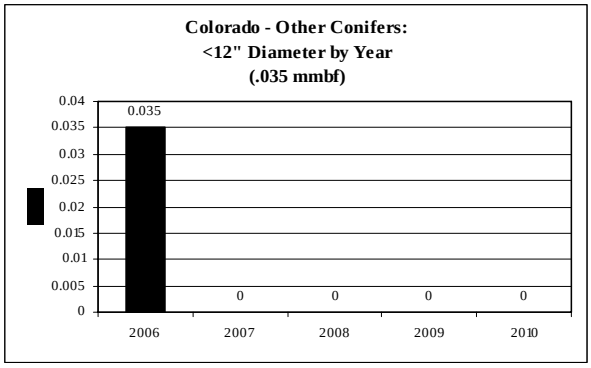
AF	***CO-DNR***

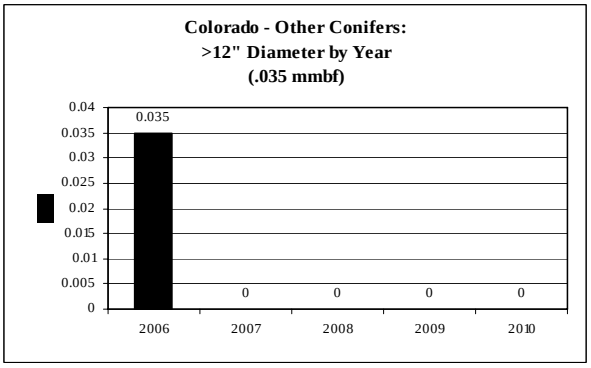


*italics/bold = species offering in CROP

***Colorado - Other Conifers:* Diameter by Year**

ROM # OC 1.2





Note: No volume for <4”, >4”-7”, >7”-9”, >9”-12” dbh

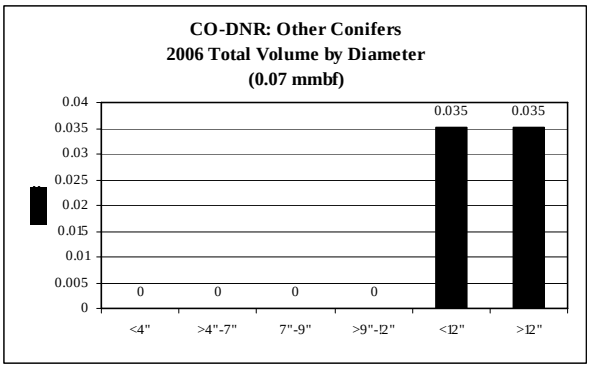
<u>*Other Conifers*</u> CROP offering '06 – '10 (by agency)

ROM # OC 1.3

gT = green tons (up to 7" dbh)
S = small log mmbf (>7"-12" dbh)
L = large log mmbf (>12" dbh)

AF

Other Conifers **Pike NF:** ***Pikes Peak RD***	***5-yr = .07 mmbf***
	• **Only offered in '06**
gT = 0	• **<4" = 0% (0 mmbf)** • **>4"-7" = 0% (0 mmbf)**
S = .035	• **>7"-9" = 0% (0 mmbf)** • **>9"-12" = 0% (0 mmbf)** • **<12" = 50% (.035 mmbf)**
L = .035	• **>12" = 50% (.035 mmbf)**



j