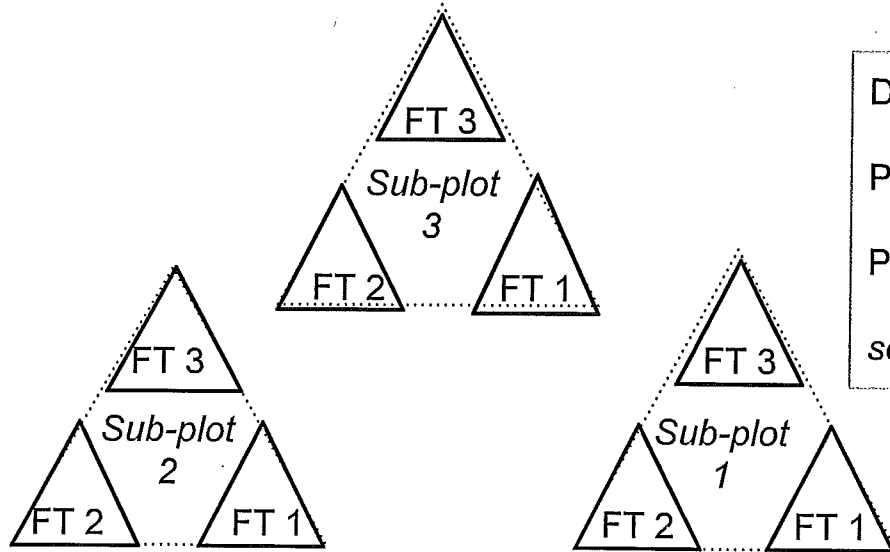


* String hts measured from bottom arm to top arm



Date: 2 MAY 2018

Pasture: NG SE

Patch: NE (W sub)

see back for map

Sub-plot 1

FT1 Logger #: 7

LAI readings:

1.31 0.84 0.70

Soil VWC:

29.1 26.2
28.0

String ht: 158

FT2 Logger #: 2

LAI readings:

0.93 0.49 0.37

Soil VWC:

26.2 26.7 20.2

String ht: 149

FT3 Logger #: 3

LAI readings:

0.77 0.24 0.47

Soil VWC:

29.5 29.4 24.8

String ht: 139

Sub-plot 2

FT1 Logger #: 9

LAI readings:

0.52 0.46
0.48

Soil VWC:

33.2 30.5
31.1

String ht: 151

FT2 Logger #: 1

LAI readings:

0.24 0.10
0.42

Soil VWC:

37.6, 38.4, 37.7

String ht: 153

FT3 Logger #: 8

LAI readings:

0.80 0.41
0.63

Soil VWC:

23.6 13.8
26.8

String ht: 154

Sub-plot 3

FT1 Logger #: 6

LAI readings:

1.40 2.80
2.13

Soil VWC:

28.7 22.7 28.0

String ht: 154

FT2 Logger #: 5

LAI readings:

1.32 2.85
1.86

Soil VWC:

36.2 27.9 23.3

String ht: 155

FT3 Logger #: 4

LAI readings:

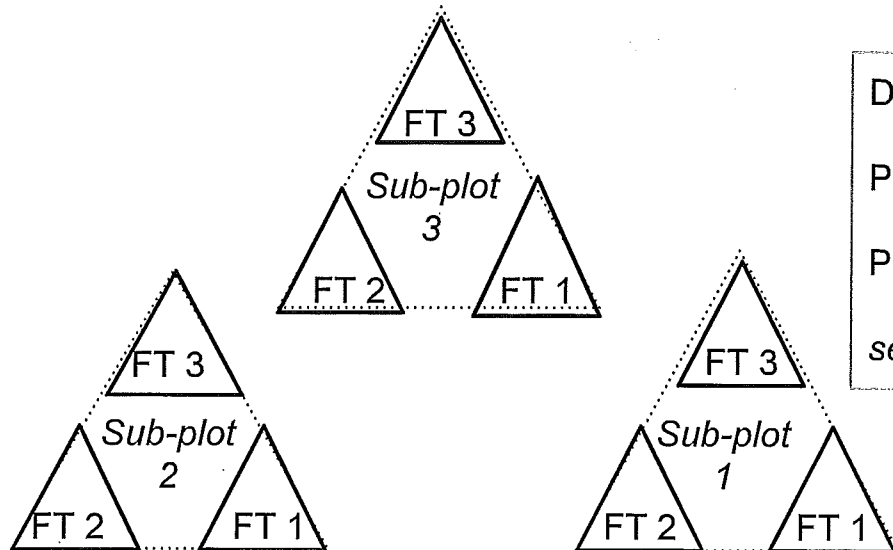
1.10 2.02
1.62

Soil VWC:

24.9 28.4
33.1

String ht: 144

*String hts measured from bottom arm to top arm



Date: May 2 2018

Pasture: NG.NE

Patch: NE (w subpatch)

see back for map

Sub-plot 1

FT1 Logger #:

LAI readings:

0.81 0.29
0.45

Soil VWC:

43.3 37.9
33.1

String ht: 145

FT2 Logger #:

LAI readings:

0.62 1.31
0.90

Soil VWC:

30.1 34.4
35.1

String ht: 142

FT3 Logger #:

LAI readings:

2.50 1.48
3.04

Soil VWC:

38.8 43.1
33.4

String ht: 151

Sub-plot 2

FT1 Logger #:

LAI readings:

0.91 2.01
1.91

Soil VWC:

28.9
27.6 27.9

String ht: 147

FT2 Logger #:

LAI readings:

1.61 2.38
1.48

Soil VWC:

26.5 20.5
22.5

String ht: 151

FT3 Logger #:

LAI readings:

3.02 1.94
2.18

Soil VWC:

22.2 29.1
26.3

String ht: 148

Sub-plot 3

FT1 Logger #:

LAI readings:

0.07 0.15
2.12

Soil VWC:

28.1 24.7
31.2

String ht: 149

FT2 Logger #:

LAI readings:

0.01 1.61
0.93

Soil VWC:

24.0 19.1
29.0

String ht: 152

FT3 Logger #:

LAI readings:

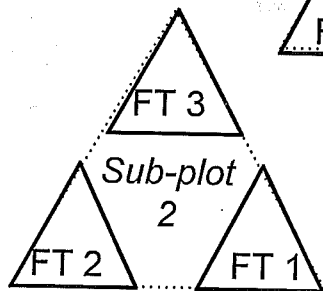
1.51 2.85
3.05

Soil VWC:

32.3 27.5
30.2

String ht: 152

* string is measured from ground to top arm



Sub-plot 1

FT1 Logger #:

LAI readings:

0.67, 0.73, 0.84

Soil VWC:

9.5, 12.7, 9.6

String ht:

163

FT2 Logger #:

LAI readings:

0.87, 0.61, 1.05

Soil VWC:

32, 18.4, 20.9, 22.5

String ht:

152

FT3 Logger #:

LAI readings:

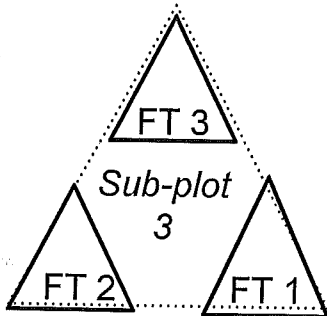
0.49, 0.36, 1.50

Soil VWC:

20.0, 21.4, 22.5

String ht:

126



Sub-plot 2

FT1 Logger #:

LAI readings:

0.58, 0.54, 0.26

Soil VWC:

21.0, 27.8, 17.0

String ht:

157

FT2 Logger #:

LAI readings:

0.36, 0.14, 1.1

Soil VWC:

25.9, 27.2, 30.0

String ht:

157

FT3 Logger #:

LAI readings:

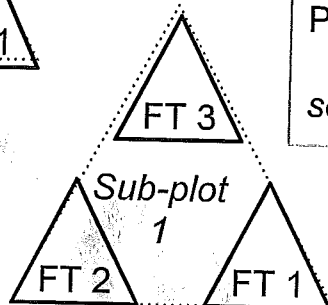
0.74, 0.29, 0.79

Soil VWC:

30.0, 29.4, 25.4

String ht:

162



Sub-plot 3

FT1 Logger #:

LAI readings:

1.27, 0.41, 1.84

Soil VWC:

17.7, 11.8, 14.6

String ht:

159

FT2 Logger #:

LAI readings:

0.43, 0.31, 0.49

Soil VWC:

26.0, 21.7, 17.4

String ht:

163

FT3 Logger #:

LAI readings:

0.97, 0.89, 0.32

Soil VWC:

17.7, 20.9, 25.6

String ht:

170

Date: May 3 2018

Pasture: NE:SW

Patch: SE

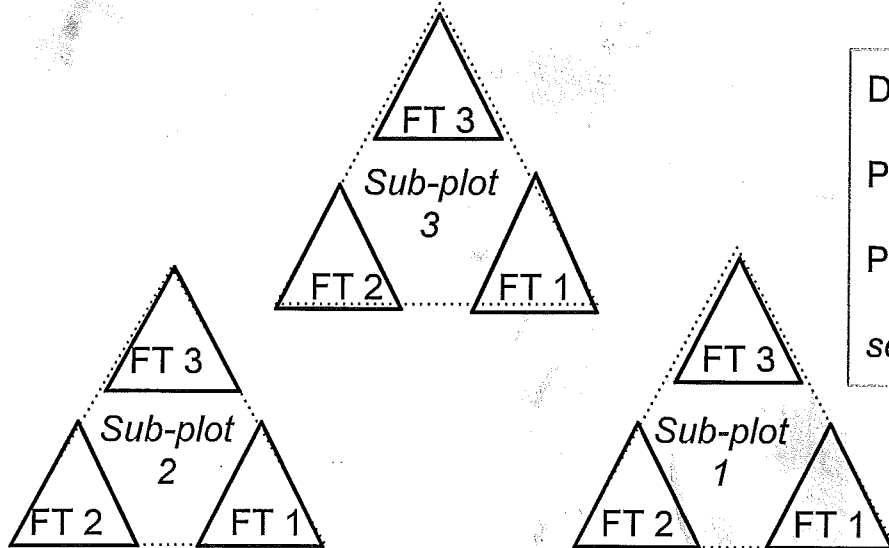
see back for map

Date: May 3 2018

Pasture: NG.NW

Patch: NΣ

see back for map



Sub-plot 1

FT1 Logger #: **8**

LAI readings:

0.41 0.57
0.38

Soil VWC:

30.3 27.6 28.0

String ht: 173

FT2 Logger #: **3**

LAI readings:

0.44 0.72
0.38

Soil VWC:

30.4 29.1
28.9

String ht: 131

FT3 Logger #: **6**

LAI readings:

0.06 0.34
0.80

Soil VWC:

31.4 32.4
30.8

String ht: 140

Sub-plot 2

FT1 Logger #:

LAI readings:

0.46 0.92
1.19

Soil VWC:

31.3 32.3
34.0

String ht: 149

FT2 Logger #: **1**

LAI readings:

0.52 1.46
0.98

Soil VWC:

31.1 33.0
31.7

String ht: 153

FT3 Logger #:

LAI readings:

0.4 1.16
0.7

Soil VWC:

36.0 33.1 34.3

String ht: 156

Sub-plot 3

FT1 Logger #: **5**

LAI readings:

0.50 0.44
0.44

Soil VWC:

30.6 29.7
32.8

String ht: 137

FT2 Logger #: **9**

LAI readings:

1.09 1.90
0.56

Soil VWC:

34.8 33.9
31.0

String ht: 161

FT3 Logger #: **4**

LAI readings:

0.54 0.32
0.58

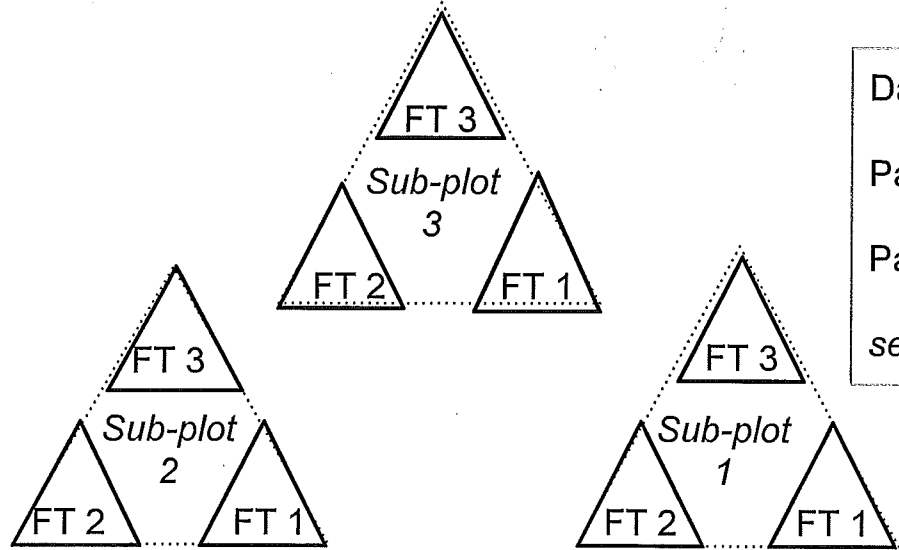
Soil VWC:

31.3 31.9
29.7

String ht: 155

*String hts measured from ground to top arm

*String ht measured from ground to top arm



Date: 5/15/18
Pasture: ST. NE. NE
Patch: W
see back for map

Sub-plot 1

FT1 Logger #: 1
LAI readings:
0.21, 0.17, 1.21

Soil VWC:
10.0, 18.3, 22.1

String ht: 142

FT2 Logger #: 2
LAI readings:
0.21, 0.4, 0.6

Soil VWC:
27.6, 12.0, 12.3

String ht: 148

FT3 Logger #: 5
LAI readings:
0.71, 0.59, 0.27

Soil VWC:
20.8, 23.1, 19.7

String ht: 155

Sub-plot 2

FT1 Logger #: 3
LAI readings:
0.76 0.43 0.14

Soil VWC:
24.9 26.1 24.5

String ht: 145

FT2 Logger #: 7
LAI readings:
0.3 0.29 0.23

Soil VWC:
10.8 20.4 24.3

String ht: 154

FT3 Logger #: 8
LAI readings:
0.14 0.18 0.10

Soil VWC:
19.6 8.5 20.4

String ht: 146

Sub-plot 3

FT1 Logger #: 6
LAI readings:
0.49 0.67 0.67

Soil VWC:
20.4 20.9 14.2

String ht: 151

FT2 Logger #: 9
LAI readings:
0.48 1.14 0.97

Soil VWC:
15.6 27.4 20.8

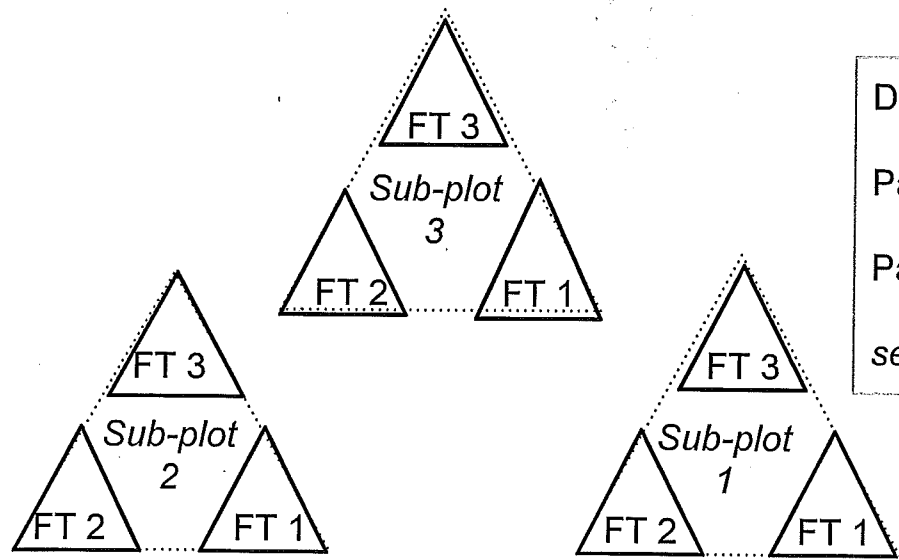
String ht: 146

FT3 Logger #: 4
LAI readings:
1.29 0.4 0.22

Soil VWC:
11.5 20.3 28.9

String ht: 142

*String ht measured from ground to top arm



Date: 5/15/2018
Pasture: ST. NW. NW
Patch:
see back for map

Sub-plot 1

FT1 Logger #: 5
LAI readings:
0.18 0.13 0.45
Soil VWC:
11.9 10.7 12.5
String ht: 123

Sub-plot 2

FT1 Logger #: 6
LAI readings:
0.29 0.87 0.48
Soil VWC:
19.9 28.6 24.5
String ht: 135

Sub-plot 3

FT1 Logger #: 3
LAI readings:
1.17 0.44 1.29
Soil VWC:
17.9 17.4 17.9
String ht: 149

FT2 Logger #: 1
LAI readings:
0.47 0.56 0.62
Soil VWC:
9.9 8.8 7.4
String ht: 119

FT2 Logger #: 4
LAI readings:
0.90 1.54 1.87
Soil VWC:
28.0 29.6 25.8
String ht: 142

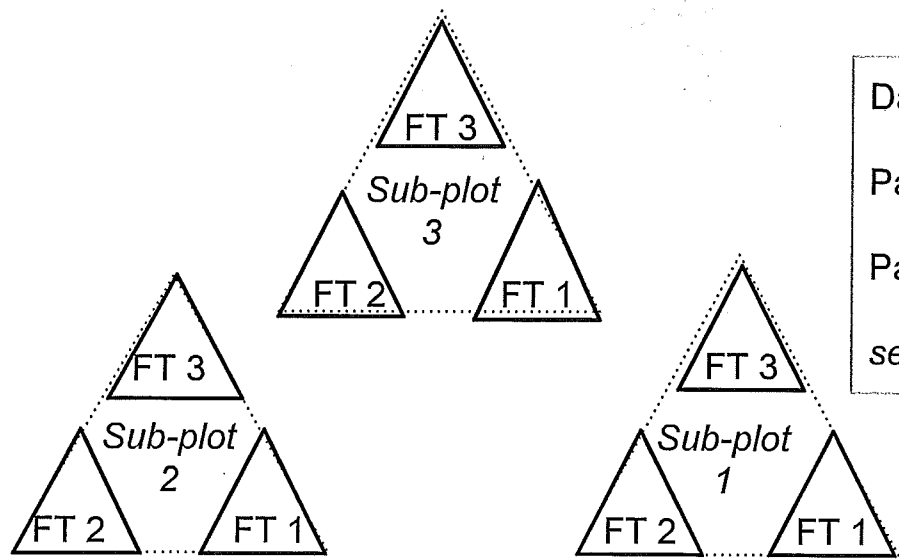
FT2 Logger #: 2
LAI readings:
1.01 1.38 0.95
Soil VWC:
17.2 17.8 15.3
String ht: 149

FT3 Logger #: 7
LAI readings:
0.44 0.26 0.60
Soil VWC:
8.5 8.7 9.4
String ht: 124

FT3 Logger #: 9
LAI readings:
0.75 1.37 1.53
Soil VWC:
18.2 19.2 22.9
String ht: 136

FT3 Logger #: 8
LAI readings:
0.23 0.35 0.90
Soil VWC:
19.5 26.3 19.9
String ht: 155

*String ht. measured from ground to top arm



Date: 5/16/18
Pasture: ST. SE. SE
Patch: Z
see back for map

Sub-plot 1

FT1 Logger #:
LAI readings:
0.65 0.85 1.87
Soil VWC:
25.0 26.1 17.0
String ht: 137

FT2 Logger #:
LAI readings:
0.61 0.30 0.74
Soil VWC:
19.4 22.3 23.7
String ht: 138

FT3 Logger #:
LAI readings:
1.37 0.31 1.08
Soil VWC:
24.7 26.5 25.4
String ht: 149

Sub-plot 2

FT1 Logger #:
LAI readings:
1.94 1.42 1.54
Soil VWC:
27.9 35.8 30.2
String ht: 147

FT2 Logger #:
LAI readings:
0.84 1.01 1.93
Soil VWC:
25.3 31.2 22.9
String ht: 140

FT3 Logger #:
LAI readings:
0.55 1.01 2.45
Soil VWC:
20.6 13.1 20.4
String ht: 156

Sub-plot 3

FT1 Logger #:
LAI readings:
2.55 1.47 2.40
Soil VWC:
20.6 25.4 13.9
String ht: 161

FT2 Logger #:
LAI readings:
1.76 3.48 1.29
Soil VWC:
21.6 25.1 23.7
String ht: 165

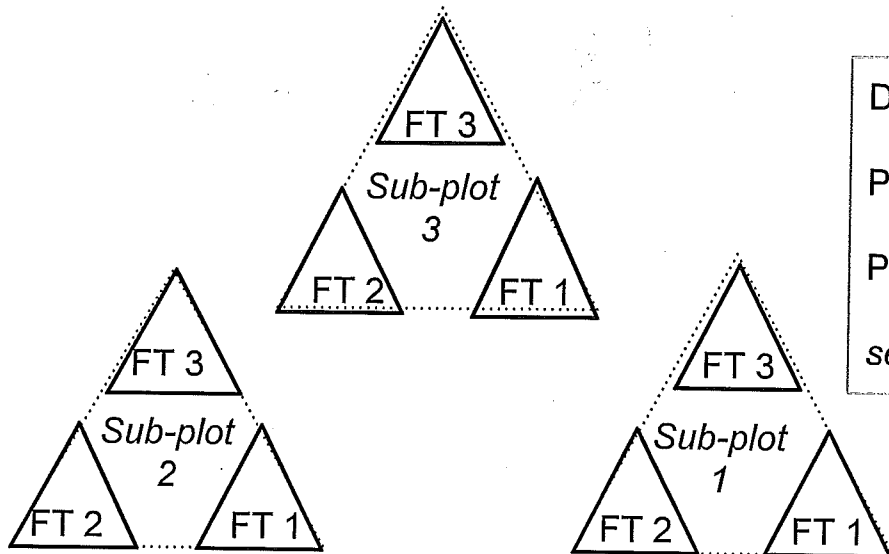
FT3 Logger #:
LAI readings:
1.69 3.45 2.69
Soil VWC:
20.2 20.5 19.4
String ht: 166

Date: 5/16/18

Pasture: ST. SW. NE

Patch:

see back for map



Sub-plot 1

FT1 Logger #: 8

LAI readings:

0.62 0.42 1.20

Soil VWC:

8.3 7.8

4.9

String ht:

139

FT2 Logger #: 3

LAI readings:

0.23 0.22 0.17

Soil VWC:

6.5 9.6

7.8

String ht: —

FT3 Logger #: 7

LAI readings:

0.16 0.36 0.09

Soil VWC:

10.7 6.9 7.1

String ht: —

Sub-plot 2

FT1 Logger #: 9

LAI readings:

0.63 0.64

0.83

Soil VWC:

6.9 12.1 9.4

String ht:

138

FT2 Logger #: 4

LAI readings:

1.05 1.15

0.36

Soil VWC:

12.9 11.8 16.0

String ht:

144

FT3 Logger #: 6

LAI readings:

0.73 1.04

0.40

Soil VWC:

14.9 18.9 17.7

String ht:

139

Sub-plot 3

FT1 Logger #: 5

LAI readings:

2.64 1.51

0.72

Soil VWC:

22.8 30.1

31.6

String ht:

149

FT2 Logger #: 1

LAI readings:

1.54 1.69

0.88

Soil VWC:

19.9 25.5

34.2

String ht:

156

FT3 Logger #: 2

LAI readings:

1.52 0.94

Soil VWC:

17.9 24.5 28.7

String ht:

154

no fire-ML

no fire-ML

no fire - no flow height-ML