Acres / Plot Suggestions

|  |  |  |
| --- | --- | --- |
| Work Force | Landscape level Burning | Project level Burning |
| Small 1-2 people | 60-100 acres / plot | 30+ acres / plot |
| Moderate 3-4 people | 30-60 acres / plot | 10-30 acres / plot |
| Large 5 + people | 10-30 acres / plot | 1-10 acres / plot |

Measure Fuels

|  |  |  |  |
| --- | --- | --- | --- |
| What are you measuring | Time consuming, better data | Less time consuming maybe less accurate | Not leaving the office |
| Course woody / Brown’s Transect | 4 Transects 25-50’ | RATS (3 transects) 15-35’. | Fuel load or photo series.  Fuels Characteristic Classification System |
| Litter / Duff | 3 or 4 measurements along each transect | 2 or 3 measurements along each transect.  Install Duff pins | Fuels Characteristic Classification System |

Measure Herbaceous

|  |  |  |  |
| --- | --- | --- | --- |
| What are you measuring | Time consuming, better data | Less time consuming maybe less accurate | Not leaving the office |
| Herbaceous | Quadrat  Belt Transect 30-50’  Radius plots | Line intercept 30-50’ | Photo load  Fuels Characteristic Classification System |
| Shrub | Quadrat  Belt Transect 30-50’  Radius plots | Line intercept 30-50’ | Photo load  Fuels Characteristic Classification System |

Measure trees

|  |  |  |  |
| --- | --- | --- | --- |
| What are you measuring | Time consuming, better data | Less time consuming maybe less accurate | Not leaving the office |
| Seedling | Quadrat / tree mapping  Belt Transect  Radius plots | Line intercept | Fuels Characteristic Classification System |
| Pole | Quadrat / tree mapping  Belt Transect  Radius plots | Line intercept | Photo series  Fuels Characteristic Classification System |
| Overstory | Quadrat / tree mapping  Belt Transect  Radius plots | Line intercept | Photo series  Fuels Characteristic Classification System |
| Mortality | Quadrat / tree mapping  Belt Transect  Radius plots | Line intercept | Maybe the burn severity map… |

