



ADAM H. PUTNAM  
COMMISSIONER

Florida Department of Agriculture and Consumer Services  
Florida Forest Service

**PRESCRIBED BURNING PLAN  
(PRESCRIPTION)**



Use Fire  
Wisely

Forestry Center/District: Homestead D-18

Authorization Number:

2016039207

Landowner: Terry and Barbara Glancy

Address: 21100 SW 300 St Homestead Fl 33030

Telephone Number

Section

Township

Range

County:

305-257-02875

Miami Dade

**Latitude**

**Longitude**

DEG

MIN

SEC

DEG

MIN

SEC

25

29

12.5

80

31

54.6

Acres to Burn: 15

Distance to Plow: N/A

Previous Burn Date: 11/2014

Stand Description: Open South Florida Slash Pine Rockland Lands

Over story Type: South Florida  
Slash moderate over story

Understory Type: Palmetto interspread  
grasses and exotics

Height to Bottom of Crown: 5-30 Ft

Fuel Description:

Grasses and shrubs .Pockets of silver palms

Fuel Model: 7

Topography and Soil:

Southern aspect with no  
topography. No organic soil  
bed

Purpose of the Burn: Hazardous fuel reduction,  
exotic control, maintenance and restoration of  
desired flora and fauna

Burn Objectives: Reduce amount of hazardous fuels, aid in spread of fire  
dependent species. Reduce exotic plants

Firing Techniques & Ignition Methods: All Ground ignition

Backing , stripping ,flanking ,and spot firing will be the firing techniques

Personnel Needs: 3-6 Fire Fighters

Equipment Needs: 1 Type -6 1 Bombardiers

Maximum Crown Scorch Acceptable: 10-40%

Passed Smoke Screening System: Yes

Listed Possible Smoke-Sensitive Areas: None

Special Precautions:

Dehydration ,Poison wood, uneven terrain

Make sure you are well hydrated

Take small steps forward being aware of what's in front of you

Keep an eye out for pythons and native snakes

Adjacent Landowners to Notify: Property land owner has notified surrounding owners

**MONITORING & EVALUATION PROCEDURES**

| PRE-BURN                                     | BURN   | POST BURN            |
|--|--|----------------------|
| Check weather patterns and burn line hazards | Monitor ROS, Monitor weather<br>Wind speed/direction, RH, Temp<br>Maintain safety of personnel |                      |
| WEATHER FACTORS                              | PREFERRED  | ACTUAL               |
| Surface Winds                                | <20 E,SE,S,N,ENE,NW,W,SW,SSW   | E 8                  |
| Transport Winds                              | >9 MPH Same winds directions   | E 14                 |
| Minimum Mixing Height                        | 1700 Ft or greater   | 5300                 |
| Dispersion Index (DAY)                       | 70 max 24 min  | 50                   |
| Dispersion Index (NIGHT)                     | 6 min  | 4                    |
| Maximum Temperature                          | <95 Max 90 under stand   | 86                   |
| Minimum Relative Humidity                    | >35 %  | 55%                  |
| Fine Fuel Moisture                           | 6 % min  | 8%                   |
| Rate of Spread                               | 1-5 chains per hr  | 1-5 chains per hr    |
| Starting Time                                | 0900   | 1000                 |
| Burn Technique                               | Test Fire<br>Backing,Stipping,Flanking,Spot  | Stripping            |
| Flame Length                                 | 1-5 Ft   | 1-4 FT               |
| Days Since Rain:                             | Date Burned:4/25/16  | Distance Plowed: N/A |

**BURN CHECK LIST**

FIRE BOSS: Initial each item to indicate compliance.

- All prescription requisites met (preparation and day of burn).
- Authorization obtained.
- Adjacent landowners notified within past seven days of plan to burn.
- Local contacts made day of burn to advise (FHP, SO, Fire Dept., media, etc.)
- Smoke screening performed and documented.
- All equipment required on scene and fully operational.
- Each crew member has proper personal gear and clothing.
- Low Visibility Risk Index checked.
- Smoke on the Highway signs in place, if needed.
- Test burn performed and fire behavior within expectations.

**CREW BRIEFING**

- Objectives of burn.
- Exact area of burn.
- Hazards discussed (volatile fuels, spotting potential, weak points in perimeter lines, terrain features, etc.).
- Crew Assignments made.
- Ignition technique and pattern. Holding method(s).
- Location of extra equipment, fuel, water, vehicle keys.
- Authority and communications.
- Contingencies covered including escape routes or procedures.
- Sources of nearest assistance. Nearest phone and emergency numbers.
- Special instructions regarding smoke management, contact with the public and others.
- Questions.
- Crew members given opportunity to decline participation (is there anything that is going to prevent full physical performance?).

Prescription Done by: Luis F Pineda

Certification Number: 20164682

Title: Forest Ranger

Date:4/25/16

CERTIFIED BURN MANAGER SIGNATURE: