

PBAT Prescribed Burn Plan

South Central Texas PBA

Prepared By: _____		Plan # _____	
Signature: _____		Date Plan Submitted: _____	
TDA License No. (if CPBM) _____			
Date Plan Filed: _____		Expiration Date: _____	
County 1: _____	Ranch Name: _____	Pasture Name: _____	
County 2: _____			
Ranch Address: _____		City: _____	
Acres to be Burned: _____		GPS Coordinates: N Lat: _____ W Long: _____	
Burn Days Planned: _____		Burn Days Actual: _____	
Burn Boss: _____		E-mail Address: _____	
Landowner: _____		Address: _____	
City: _____		State: _____	Zip: _____
Phone: _____	Work: _____	Cell: _____	Fax: _____
E-mail: _____			
Alternate Contact: _____		Phone: _____	
Record of Previous Burning: _____		Date: _____	
PREVIOUS BURN RESULTS:			
BURN JUSTIFICATION (goals, objectives, rationale, & purpose):			

[illegible]

Description of Area
Live Fuel (Type, Density, and Size)
Dead Fuels (Description, Moisture, and Time-Lag)
Topography and Elevation
Preburn Factors
Fireguards: specify width, attach map Plow _____ Blade _____ Shred _____ Rake _____ Wet line _____ Black line _____ Other _____
Crew size, (minimum number required)
Protection Needs (buildings, power lines, hunting blinds, feeders, etc., see map)
Ignition Procedures (see map)
Smoke Sensitive Areas (see map)
Special Precautions (see map)

Tanks and Sprayers Required							
Does not include backpack sprayers							
In left (red) box check minimum required. In right (green) box check if actually available on site.							
	Min Capacity, gal	Act Cap, gal	Mounted/Drag	Support Vehicle	GPM	Gas/Electric	Notes/comments.
Other Equipment Needs							
In left (red) box check if required. In right (green) box check if available on site day of burn.							
Drafting Water source/where							
Water Hydrant/where							
		Min No. Reqd.	Act No. Avail.			Min No. Reqd.	Act No. Avail.
	Drinking Water / gallons				Chain Saw		
	Backpack Sprayers				Leaf Blower		
	Blade, Dozer, Tractor & Plow				Two Cycle Fuel		
	Drip Torch / how many				Binoculars		
	Lighting Fuel / gallons				GPS		
	Sprayer Fuel				Drafting pump		
	Matches or Lighter				Drafting hose, ft		
	Fire Weather Kit						
	Flappers						
	Pliers & Bolt Cutters						
	Rakes						
	Shovels						
	Road Signs						
	Flags						
	Cell Phones						
	Two-Way Radios						

[illegible]

Prescriptive Burning Conditions					
Desired Prescription Black lines					
Date of burn (black lines)	_____	to _____	Actual	_____	to _____
Time of burn (black lines)	_____	to _____	Actual	_____	to _____
Temperature (F)	_____	to _____	Actual	_____	to _____
Rel Humidity (%)	_____	to _____	Actual	_____	to _____
Wind Direction	_____	to _____	Actual	_____	to _____
Wind Speed, mph at 20 ft elevation	_____	to _____	Actual	_____	to _____
Wind Speed, mph at 33 ft (10 m) elev	_____	_____	Actual	_____	to _____
Fuel Load (lbs/ac)	_____	to _____	Actual	_____	to _____
Dead Fuel Moisture, %	_____	_____		_____	_____
(1-hr)	_____	to _____	Actual	_____	to _____
(10-hr)	_____	to _____	Actual	_____	to _____
(100-Hr)	_____	to _____	Actual	_____	to _____
Live Fuel Moisture, %	_____	to _____	Actual	_____	to _____
Desired Prescription Range (head fire)					
Date of burn (head fire)	_____	to _____	Actual	_____	to _____
Time of burn (head fire)	_____	to _____	Actual	_____	to _____
Temperature (F)	_____	to _____	Actual	_____	to _____
Relative Humidity	_____	to _____	Actual	_____	to _____
Wind Direction	_____	to _____	Actual	_____	to _____
Wind Speed, mph at 20 ft elevation	_____	to _____	Actual	_____	to _____
Wind Speed, mph at 33 ft (10 m) elev	_____	to _____	Actual	_____	to _____
Fuel Load (lbs/ac)	_____	to _____	Actual	_____	to _____
Dead Fuel Moisture, %	_____	_____		_____	_____
(1-hr)	_____	to _____	Actual	_____	to _____
(10-hr)	_____	to _____	Actual	_____	to _____
(100-Hr)	_____	to _____	Actual	_____	to _____
Live Fuel Moisture, %	_____	to _____	Actual	_____	to _____
Category Day (CD) For Smoke Management					
CD	Ventilation Rate	Guideline			
I	< 14,500	No Burn			
II	14,500 - 29,000	No Burn until inversion has lifted			
III	29,000 - 58,000	Daytime Only			
IV	58,000 - 117,000	Anytime			
V	> 117,000	Excellent Smoke Dispersion			
Formula Mixing Height X Transport Speed = Ventilation Rate					
	Desired Minimum Conditions	F'cast Min Cond for Burn	Notes/Comments		
Mixing Height	_____ ft.	_____ ft.			
Transport Wind Speed	_____ mph	_____ mph			
Direction	_____	_____			
Ventilation Rate	_____	_____			
Category Day (calculated)	_____	_____			
Category Day (by NWS)	_____	_____			

[illegible]

Map of Area
Include as an attachment.
Ignition Sequence
Include as an attachment.
Smoke Model Predictions Simple Smoke Screening Link VSmoke Link
Include as an attachment.
Contingency Plans - Description and Map
Include map as an attachment.

[illegible]

BURN/ DO NOT BURN Checklist

Any "NO" responses create a DO NOT BURN situation

1. Is the Burn Boss on site for the proposed burn? Yes ____ No ____
2. Has a written prescribed burn plan that includes the minimum criteria set by the Texas Prescribed Burning Board been written for the proposed burn? Yes ____ No ____
3. Are safety requirements met for the proposed burn? Yes ____ No ____
4. Are planned personnel and equipment on site? Yes ____ No ____
5. Have all the entities in the county where the burn is to take place been notified?
 - a) County sheriff's dispatch office Yes ____ No ____
 - b) Local fire department(s) Yes ____ No ____ NA ____
 - c) If you are burning during a county Burn Ban
 - County judge
Yes ____ No ____ NA ____
 - County commissioners court
Yes ____ No ____ NA ____
 - Texas Forest Service
Yes ____ No ____ NA ____
 - Texas Commission on Environmental Quality (TCEQ) Yes ____ No ____ NA ____
6. Is written authorization to burn during a bum ban attached to the burn plan or has the county judge signed the burn plan?
Yes ____ No ____ NA ____
7. Have all necessary fire suppression units been briefed on the burn plan? Yes ____ No ____
8. Has the Burn Boss determined risks are acceptable? Yes ____ No ____
9. Has the Burn Boss obtained a current weather forecast? Yes ____ No ____
10. Is the current weather within the burn plan parameters? Yes ____ No ____
11. Is the fire behavior projected to be within the burn parameters? Yes ____ No ____
12. Are projected fire effects acceptable? Yes ____ No ____
13. Does smoke management adhere to TCEQ guidelines? Yes ____ No ____

Burn Boss:

Date of fire:

Prescribed Burn Boss Acknowledgement of Personal Liability

PLEASE READ CAREFULLY! THIS IS A LEGAL DOCUMENT THAT AFFECTS YOUR RIGHTS.

1. **Role of the Burn Boss:** By signing below, I acknowledge that I am the Burn Boss, as defined in Section 153.083 of the Texas Natural Resources Code, for the prescribed burn specified in this Prescribed Burn Plan.
2. **Personal Liability:** I agree that as Burn Boss I alone am responsible for any consequences arising from the prescribed burn.
3. **Consideration for Assistance:** In exchange for technical guidance, training, and/or assistance from the South Central Texas Prescribed Burn Association (SCTPBA) related to the prescribed burn on this property, I, as the Burn Boss, assume all risks associated with the burn, whether anticipated or unforeseen.
4. **Release of Liability:** I agree to release and hold harmless SCTPBA, including its directors, officers, and volunteers, from any and all liabilities, costs, expenses, claims, and damages resulting from the prescribed burn. This release applies to, but is not limited to, accidents, injuries, death, or property damage arising from, caused by, connected with, or related to the prescribed burn, even if such incidents result from the PBA's negligence.
5. **Broad Scope of Release:** This Release covers liabilities regardless of how, where, or when the injury, death, or damage occurs.
6. **Acknowledgment of Understanding:** I confirm that I have read and understand the Release's terms.
7. **Voluntary Execution:** I am voluntarily entering into this agreement with full knowledge of its significance.

In summary, I, as the Burn Boss, am taking on personal responsibility for the prescribed burn and releasing SCTPBA, including its directors, officers, and volunteers from any liability associated with the burn, even if such liability arises from SCTPBA's negligence.

I fully comprehend the implications of assuming this responsibility as Burn Boss by voluntarily signing this agreement below.

Burn Boss Printed Name

Role: Landowner, Lease Holder, Owner's Agent

Burn Boss Signature

Date of Signature

A COPY OF THIS BURN PLAN SHOULD BE KEPT FOR A MINIMUM OF FIVE YEARS.