

# **PIMA PINEAPPLE CACTUS AWARENESS PROGRAM GUIDELINES**

Arizona Department of Transportation  
Environmental Planning Group

The instructions and outline below are intended as a general guideline. The project contract specifications and biological monitor(s) will identify specific requirements for the Pima pineapple cactus awareness program.

Time Requirement: A training session should take no longer than approximately 30 minutes. This amount of time should be sufficient to go over the biology and status of the Pima pineapple cactus, identify any project-specific mitigation measures, and discuss how they will be implemented over the course of the project.

## **1. Before the Training Session**

- a) Determine who the biological monitor(s) for the project will be. Depending on the project, a biological monitor may need to be present on-site to monitor any ground-disturbing activities (including off-pavement vehicle travel) occurring over the course of the entire project. Biological monitors need to be biologists whose qualifications have been submitted to and approved by the Environmental Planning Group biologist.
- b) On the handout sheet, sign-in sheet(s), and certification cards, enter the project specific information (project name, TRACS number, route and milepost limits, name[s] of the biological monitor[s]). Print out the appropriate number of copies of each for the training.

## **2. At the Training Session**

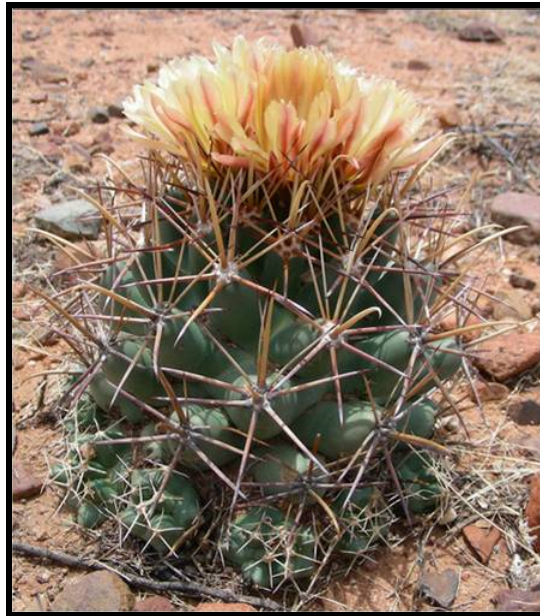
- a) Distribute the handout, sign-in sheet(s), and certification cards. Ask trainees to fill out the sign-in sheet, and print their first and last name on their certification card (which you will sign at the end of the training session).
- b) Briefly describe the following:
  - Pima pineapple cactus biology and identification (refer to photo in handout)
  - Legal status of the Pima pineapple cactus
  - Suitable habitats in the project area
  - Measures to avoid impacting Pima pineapple cacti (refer to handout)
  - Any project-specific monitoring requirements
  - Any avoidance areas that have been established in the project area
- c) Answer any questions.
- d) Ensure everyone has signed the sign-in sheet, and collect the sign-in sheet(s).
- e) Sign trainees' certification cards and ask trainees to carry these cards with them when on site.

## **3. After the Training Session**

- a) Send copies of training sign-in sheets to the Environmental Planning Group biologist.

# **PIMA PINEAPPLE CACTUS AWARENESS PROGRAM HANDOUT**

Arizona Department of Transportation Environmental Planning Group  
Project Name, TRACS Number, Route and MP Limits



**Pima Pineapple Cactus**

- The Pima pineapple cactus is protected under the federal Endangered Species Act and the Arizona Native Plant Law.
- Know the specific mitigation measures that are being implemented for your project.
- Off-pavement vehicle travel is only permitted in areas that have been previously surveyed for Pima pineapple cacti.
- Make sure that a biological monitor is present before working in areas that have not been surveyed for Pima pineapple cacti.
- Check with a biological monitor or a supervisor if you are unsure as to whether the area you will be working in has been surveyed for Pima pineapple cacti.
- Be aware of any avoidance areas that have been established for the on-site protection of Pima pineapple cacti.
- If you think your work could potentially impact a Pima pineapple cactus, suspend the activity and immediately call one of the biological monitors listed below for direction.

**Biological Monitors: Name 1 (phone number), Name 2 (phone number)**

 <p style="text-align: right;">Project Name TRACS Number Route &amp; MP Limits</p> <p>Participant Below Attended Pima Pineapple Cactus Awareness Program</p> <p>Participant (print): _____</p> <p>Instructor (sign): _____</p> <p>Date: _____</p> <p>Biological Monitors: Name (phone #) Name (phone #)</p>	 <p style="text-align: right;">Project Name TRACS Number Route &amp; MP Limits</p> <p>Participant Below Attended Pima Pineapple Cactus Awareness Program</p> <p>Participant (print): _____</p> <p>Instructor (sign): _____</p> <p>Date: _____</p> <p>Biological Monitors: Name (phone #) Name (phone #)</p>
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**PIMA PINEAPPLE CACTUS AWARENESS PROGRAM SIGN-IN SHEET**

Arizona Department of Transportation Environmental Planning Group  
Project Name, TRACS Number, Route and MP limits

Instructor (printed name & signature) : \_\_\_\_\_ Date : \_\_\_\_\_

PRINTED NAME	SIGNATURE	ORGANIZATION (Work)	ADDRESS (Work)