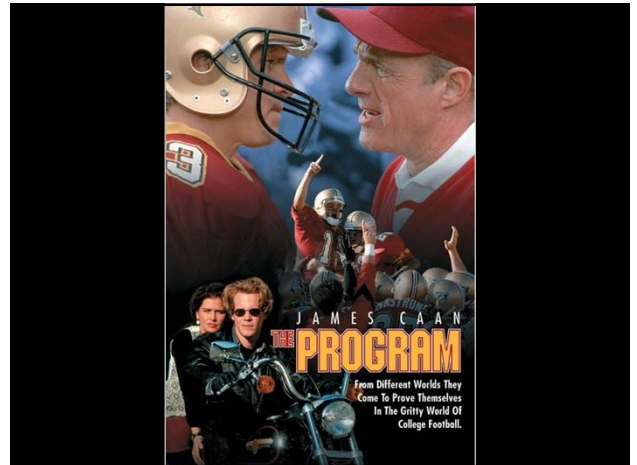




1



2



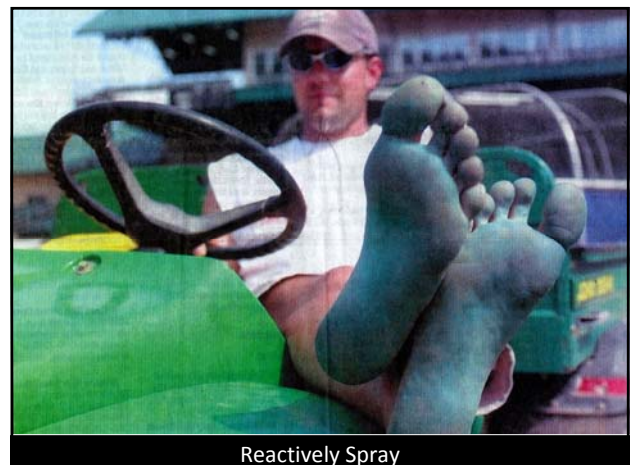
3



4



5



6



We Already Do This With Disease

7



Program Trials at Univ. of TN Field Day

8

### WHAT IS A PROGRAM?

- Holistic Approach to Season Long Weed Control

CHEMICAL	ENVIRONMENT
WEED ID	SPECIES/CULTIVAR
PRODUCT SELECTION	FERTILIZER USE
RATE & TIMING	SHADE
MOA ROTATION	TRAFFIC MANAGEMENT

9

### MANAGING EXPECTATIONS

THERE IS NO PERFECT PROGRAM

Open dialogue

How to think programmatically

Motivated to consider a program in 2020

TODAY'S SESSION

A cookbook

All the answers

You are QB1 on your own agronomic choices

10

### EARLY ORDER PROGRAM

**pbi/gordon corporation**  
Employee-Owned

Prepare to save.  
Prepare to innovate.  
Prepare to win.

2018 Early Order Program

**GreenTrust 365**

11

### HOW DOES ONE BUILD A PROGRAM?

12

### FIELD - WARM SEASON

LOCATION	
SOIL	
TURF SPECIES	
OVERSEED	
MISCELLANOUS?	

### WEEDS

	RATING	RESISTANCE?
CRAB		
GOOSE		
POA		
SEDGE		
DALLIS		
SIGNAL		
BLW		
OTHER		

13

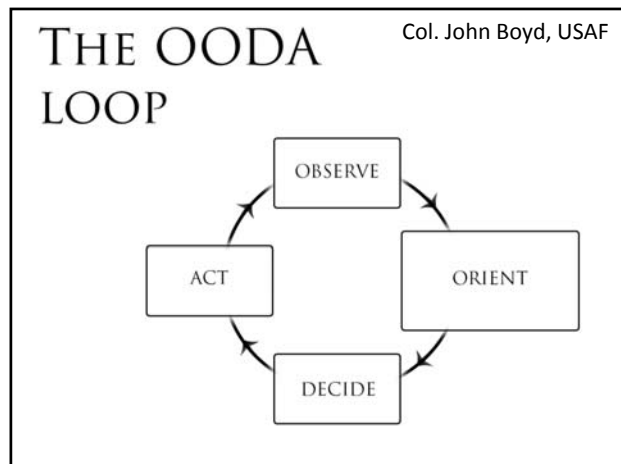
- ### ENVIRONMENTAL ADJUSTMENTS
- Optimize environment to give any herbicide application the best chance of success
    - What is N program?
    - Tested for P or K ?
  - What is the mowing height?
  - Compaction management?
  - Traffic distribution?

14

### OPTION #1 - WARM SEASON

TIMING	TARGET WEED	HERBICIDE	GROUP #

15



16

- ### BEST PRACTICES
- Monitor
  - Take notes throughout the year
    - Track weather, breakthrough weeds
  - Check all the boxes (calibration, mixing, etc) to make adjustments for next year

17

### OPTION #2 - WARM SEASON

TIMING	TARGET WEED	HERBICIDE	GROUP #

18

### FIELD - COOL SEASON

LOCATION	
SOIL	
TURF SPECIES	
OVERSEED	
MISCELLANEOUS?	

### WEEDS

	RATING	RESISTANCE?
CRAB		
GOOSE		
POA		
SEDGE		
DALLIS		
SIGNAL		
BLW		
OTHER		

19

- ### ENVIRONMENTAL ADJUSTMENTS
- Optimize environment to give any herbicide application the best chance of success
    - What is N program?
    - Tested for P or K ?
  - What is the mowing height?
  - Compaction management?
  - Traffic distribution?

20

### OPTION #1 - COOL SEASON

TIMING	TARGET WEED	HERBICIDE	GROUP #

21

### OPTION #2 - COOL SEASON

TIMING	TARGET WEED	HERBICIDE	GROUP #

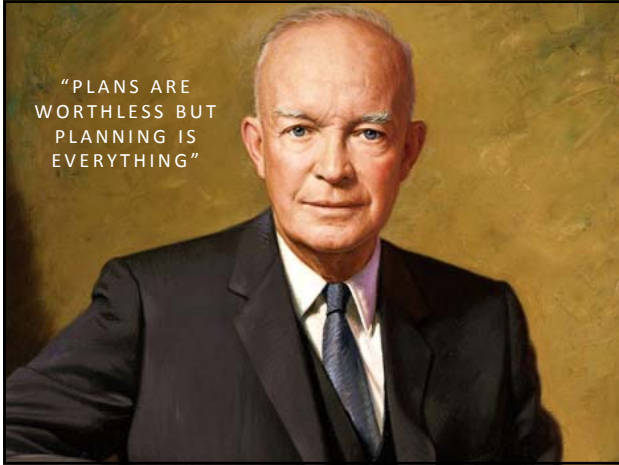
22

- ### POTENTIAL HURDLES
- Comfort Zone
  - Information Resources
    - University Extension —> this is the mission of land grant universities
  - Budget or Labor

23

- ### ACTION ITEMS FOR 2020
- Take control of decision-making on your field
  - Think programmatically
    - Optimize environment to make herbicide choices most effective

24



25



26



27



28