

# 2013 Louisiana Agricultural Technology & Management Conference

## *Product Update From FMC*



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# *FMC Rice Portfolio*



BROADHEAD.  
HERBICIDE



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## Section 24(c) Aerial Label- 2013

- q *Allows application to be made by air*
- q *Tank mix restrictions have been removed from 24(c) labels*

- LA
- MS
- AR
- MO
- TX



# Unique Features of Obey Herbicide

- q Engineered with Command® technology
- q Both contact and preemergence/residual activity
- q Versatile application timing suited for either conventional or Clearfield® programs
- q Diverse modes of action, with no ALS mode of action ingredients
- q Innovative ZC\* liquid product formulation with good compatibility with other formulations\*\*

\*(ZC = Blended formulation of capsule suspension and suspension concentrate)

\*\* (mixing order WP, DF then Obey, other suspensions and last EC's)



**Obey**  
HERBICIDE

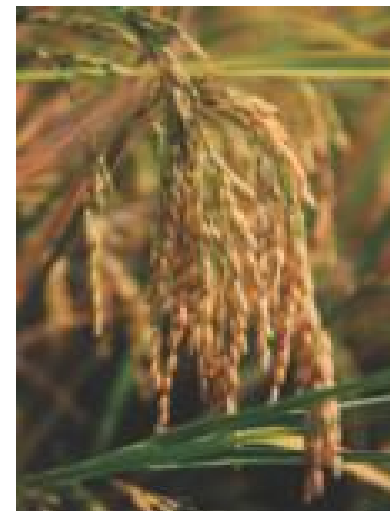
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# Obey Label\* Highlights



- q Pre-emergence
  - ü Dry seeded rice only
  - ü Use rates: 26 – 52 fl oz/a
- q Preferred uses: post-emergence to dry or water seeded rice
  - ü 2 leaf to 5 leaf stage rice
  - ü Use rates: 32 – 52 fl oz/a
  - ü Adjuvant labeling: COC at 0.5 to 1.0 % v/v (2-4 qt. per 100 gal.)
  - ü Labeled for use in tandem with a Command 3ME pre application
- q Application volume
  - ü Minimum of 10 GPA by ground
  - ü Minimum of 5 GPA by air



\*Please read and follow all product label directions.

# Postemergence Application

For contact and residual activity



- q Apply to rice at 2 leaf stage to 5 leaf stage
- q Use rate range of 32 – 52 fl oz/a
- q Use rates based on soil texture

Soil Texture	Broadcast Rates Per Acre
Coarse (light) Soils – (sand, loamy sand, sandy loam)	32 oz/A Obey (0.6 lb. ai/A)
Medium soils – (loam, silt, silt loam, sandy clay, sandy clay loam)	32 - 43 oz/A Obey (0.6 – 0.8 lb. ai/A)
Fine (heavy) Soils – (salty clay, clay loam, salty clay loam, clay)	43 - 52 oz/A Obey (0.8 – 1.0 lb. ai/A)

# Sequential Application following Command® 3ME



- q Obey can be applied post to rice at 2 leaf to 5 leaf stage following a pre application of Command 3ME.
- q Use rates based on soil texture

Soil Texture	Command 3ME rate applied ahead of Obey	Broadcast Rates Per Acre of Obey
Coarse (light) Soils – (sand, loamy sand, sandy loam)	Command 3ME applied at 9 – 13 oz/A (0.2 – 0.3 lb ai/A)	32 oz/A Obey (0.6 lb. ai/A)
Medium soils – (loam, silt, silt loam, sandy clay, sandy clay loam)	Command 3ME applied at 13 – 17 oz/A (0.3 – 0.4 lb ai/A)	32 - 43 oz/A Obey (0.6 – 0.8 lb. ai/A)
Fine (heavy) Soils – (salty clay, clay loam, salty clay loam, clay)*	Command 3ME applied at 13 – 17 oz/A (0.3 – 0.4 lb ai/A)	43 - 52 oz/A Obey (0.8 – 1.0 lb. ai/A)

\*See Obey label: when Command is applied at 17 fl. oz., 42 fl. oz Obey is the maximum allowed.



# Schematic View – Sequential Application following Command 3ME



Obey applied in a program approach, following Command pre, brings extended residual control of barnyardgrass, sprangletop and other grasses.



# Weeds Controlled



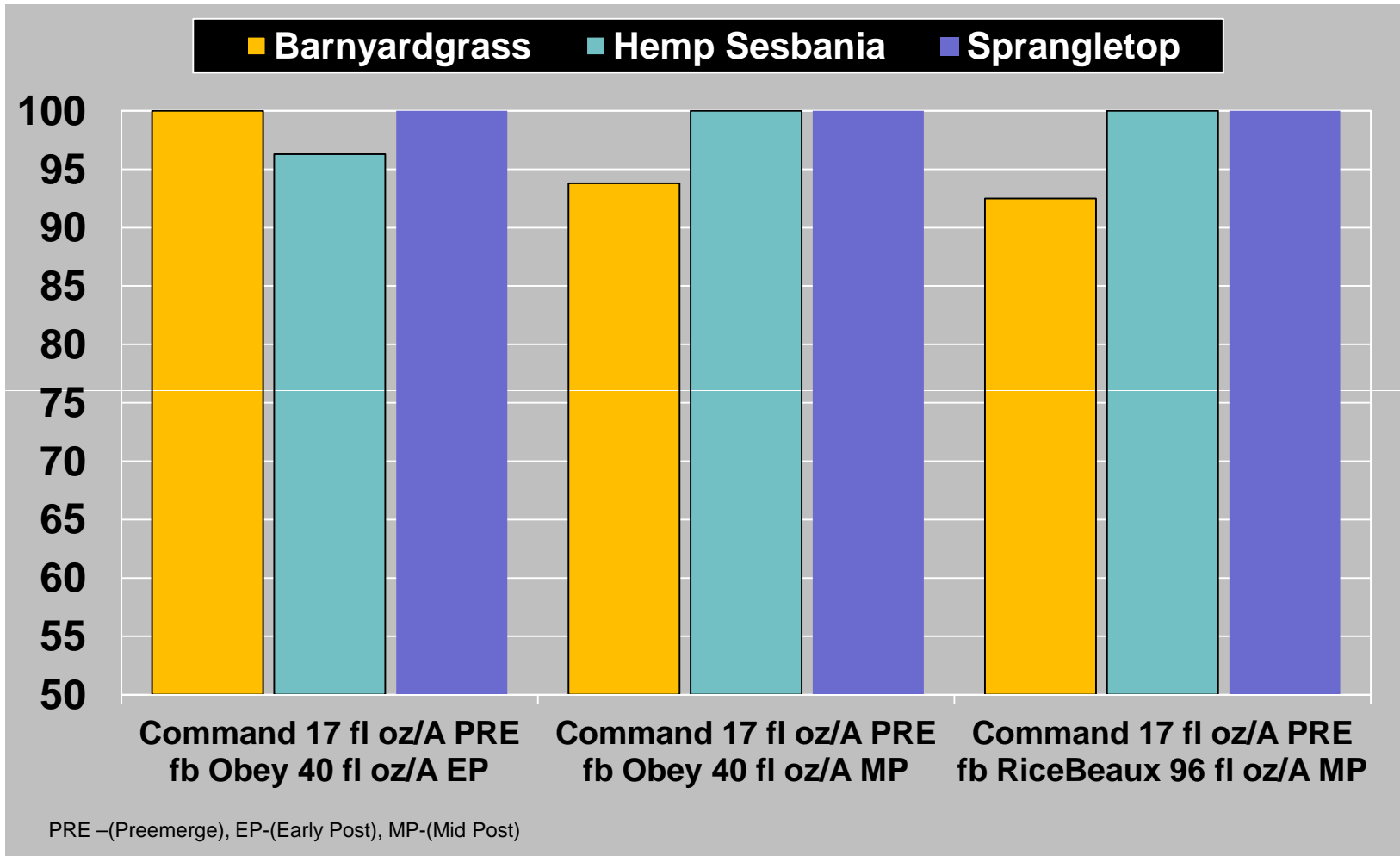
## Preemergence Activity

- q Grasses
- ü Barnyardgrass
- ü Broadleaf signalgrass
- ü Crabgrass, Large & Smooth
- ü Panicum species
- ü Sprangletop
  
- q Broadleaf Weeds
- ü Eclipta
- ü Hemp sesbania
- ü Jointvetch species
- ü Morningglory species
- ü Water hyssop

## Postemergence Activity

- q Grasses
- ü Barnyardgrass
- ü Broadleaf signalgrass
  
- q Broadleaf Weeds
- ü Groundcherry
- ü Eclipta
- ü Hemp sesbania
- ü Jointvetch species
- ü Morningglory species
- ü Water hyssop

Obey/Command 3ME in Conventional Rice Barnyardgrass, Hemp Sesbania & Sprangletop  
 % Control 2 weeks Post Flood  
 (Data courtesy Dr. Ken Smith, AR – 2012)







Check

Check

U of A, Rohwer, AR

Command, 17 oz/A PRE  
fb

Obey, 40 oz/A EP

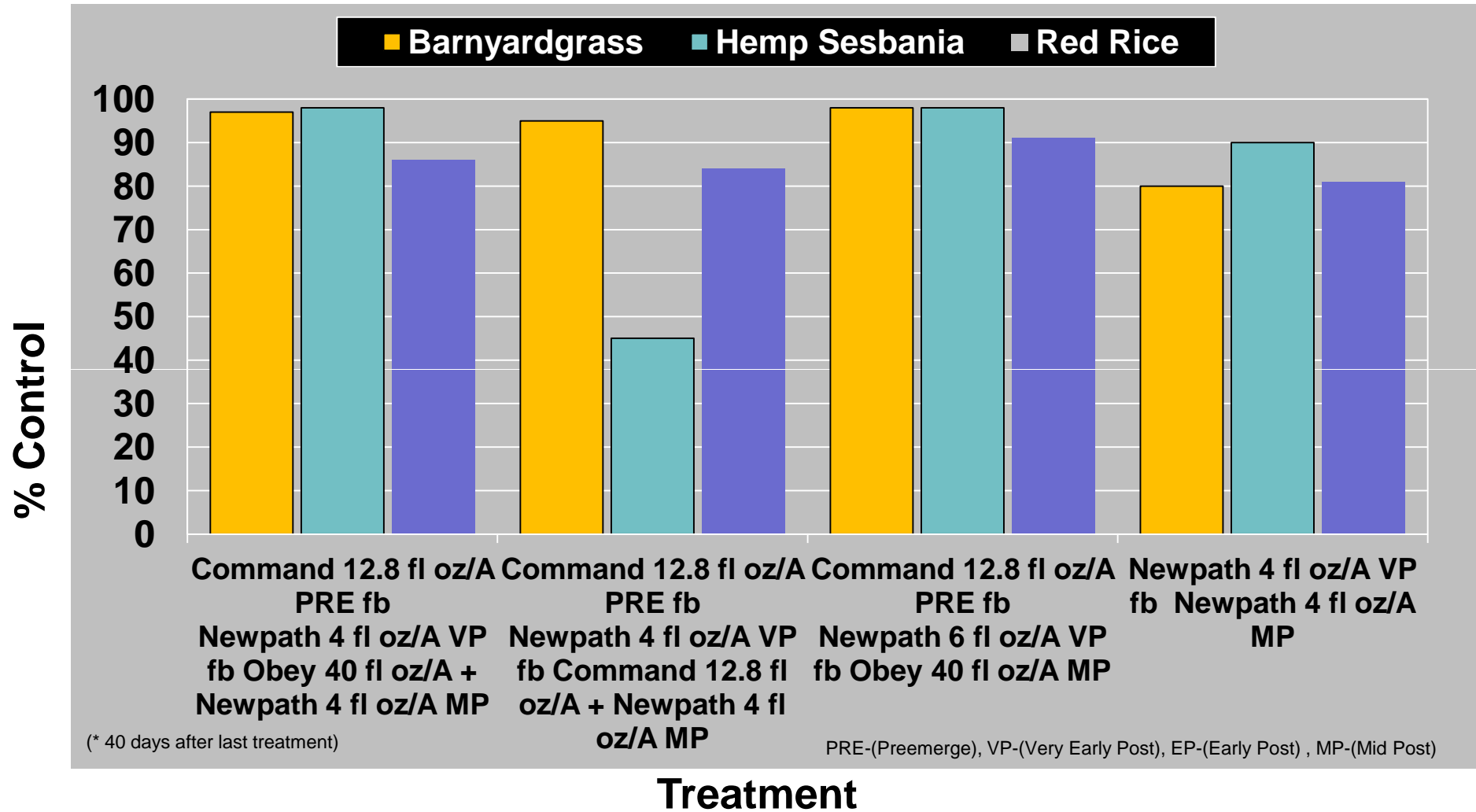
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# Obey/Command 3ME in a Clearfield System

## % Control – Post Flood\*

(Data courtesy Dr. Eric Webster, LSU – 2012)





# For Best Results...



- q ...use Command as your foundation herbicide followed by an application of Obey for an effective 1-2 punch for managing barnyardgrass and sprangletop in conventional or Clearfield rice fields.



# THANK YOU



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