

Peach Orchard Weed Management Update



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Supply Challenges for 2022

- Supply Issues
 - Oryzalin availability
 - None is being manufactured
 - Prowl H₂O is alternative
 - Same herbicide family
 - Needs rainfall with in 10 days to avoid reduced activity
 - Tank mix with simazine or rimsulfuron
 - Glyphosate and Glufosinate
 - Non-selective POST herbicides will be more expensive
 - Don't expect paraquat not to go up too.....supply and demand!



Making the Most of Glyphosate and Glufosinate Use

- Glufosinate
 - 32 fl. oz/A
 - Do not use NIS or COC
 - Use spray grade AMS is a good idea
- Glyphosate
 - Generic 4L - 1 qt/A
 - Roundup Power Max and Generic 5.5 lb formulations – 22 fl. oz/A
- Tank mix partners will help out
 - 2,4-D
 - Amine if dormant, choline otherwise
 - 1 to 1.5 pt/A
 - PRE with POST
 - Pindar GT
 - Chateau
 - Rimsulfuron
 - Sinbar
 - Karmex



Be timely with applications
Use appropriate spray volumes
Don't cut corners with cheap PRE

Formulation Changes

- Gramoxone SL 3.0
 - 1.7 to 2.7 pt (lower rate)
 - Replaced Gramoxone SL 2.0
 - 2.5 gal product has new lids!
 - Closed system packaging

- Chateau EZ
 - Liquid formulation
 - 6 to 12 fl. oz
 - Rate is the same just fluid oz not a dry formulation



<https://www.syngenta-us.com/herbicides/gramoxone-sl-3.0>

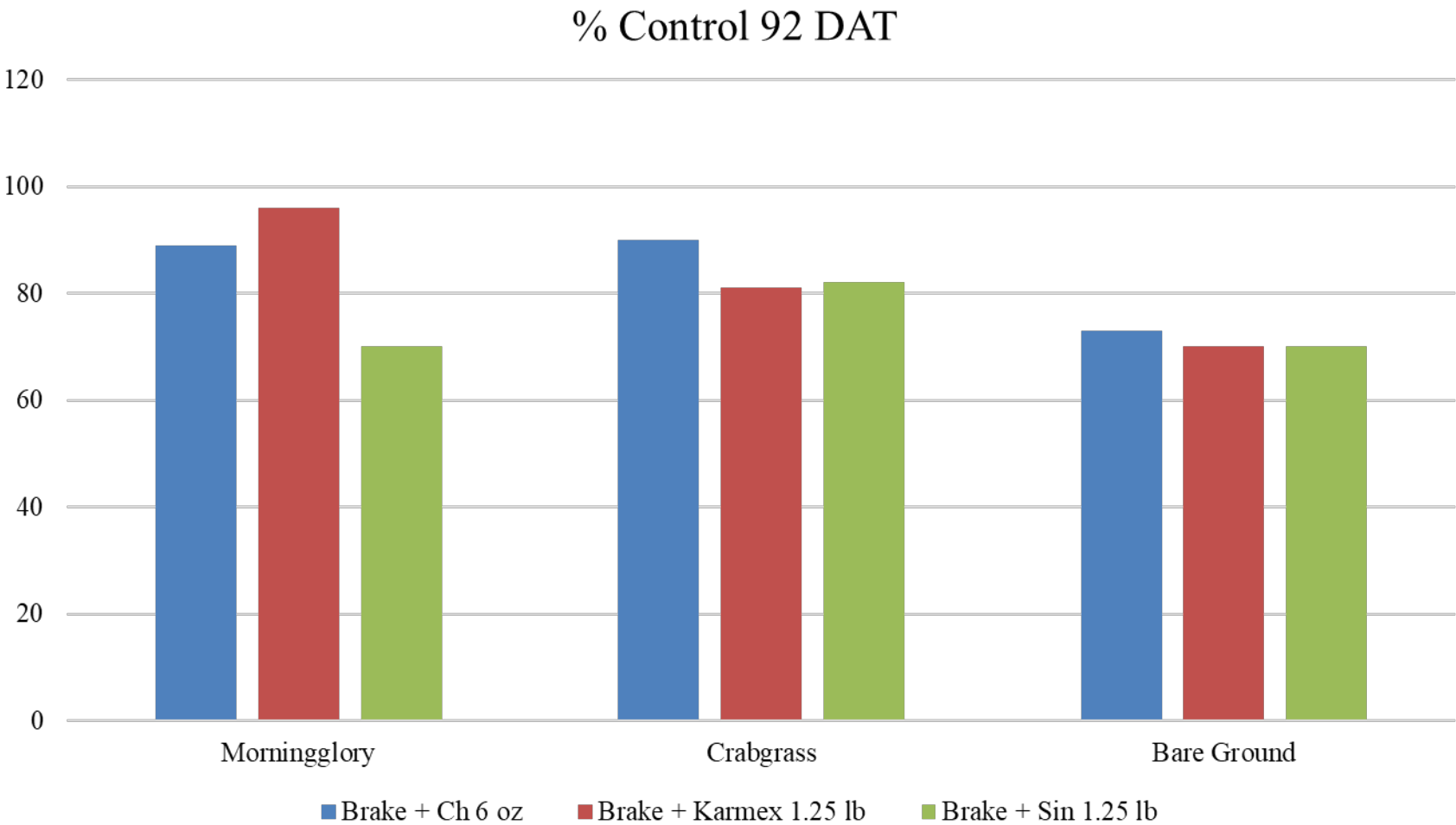
CHATEAU® EZ
H E R B I C I D E

Brake On!... A New PRE Option for Stone Fruit

- New chemistry option for fruit crops
 - Fluridone
 - Originally developed for cotton in 70's
 - Revisited to combat glyphosate resistant Palmer amaranth
- Use Rates and Restrictions
 - 21 to 43 fl. oz/A
 - Orchards established 1 year or more
 - Do not use more than two consecutive years
 - Needs at least 0.5 inches of rainfall to activate
 - No POST activity
 - Works well tank mixed with other PRE herbicides
 - Sinbar
 - Karmex
 - Chateau
 - Broad spectrum control of broadleaf and grass weeds
 - 30 day PHI



Brake On Tank Mixes



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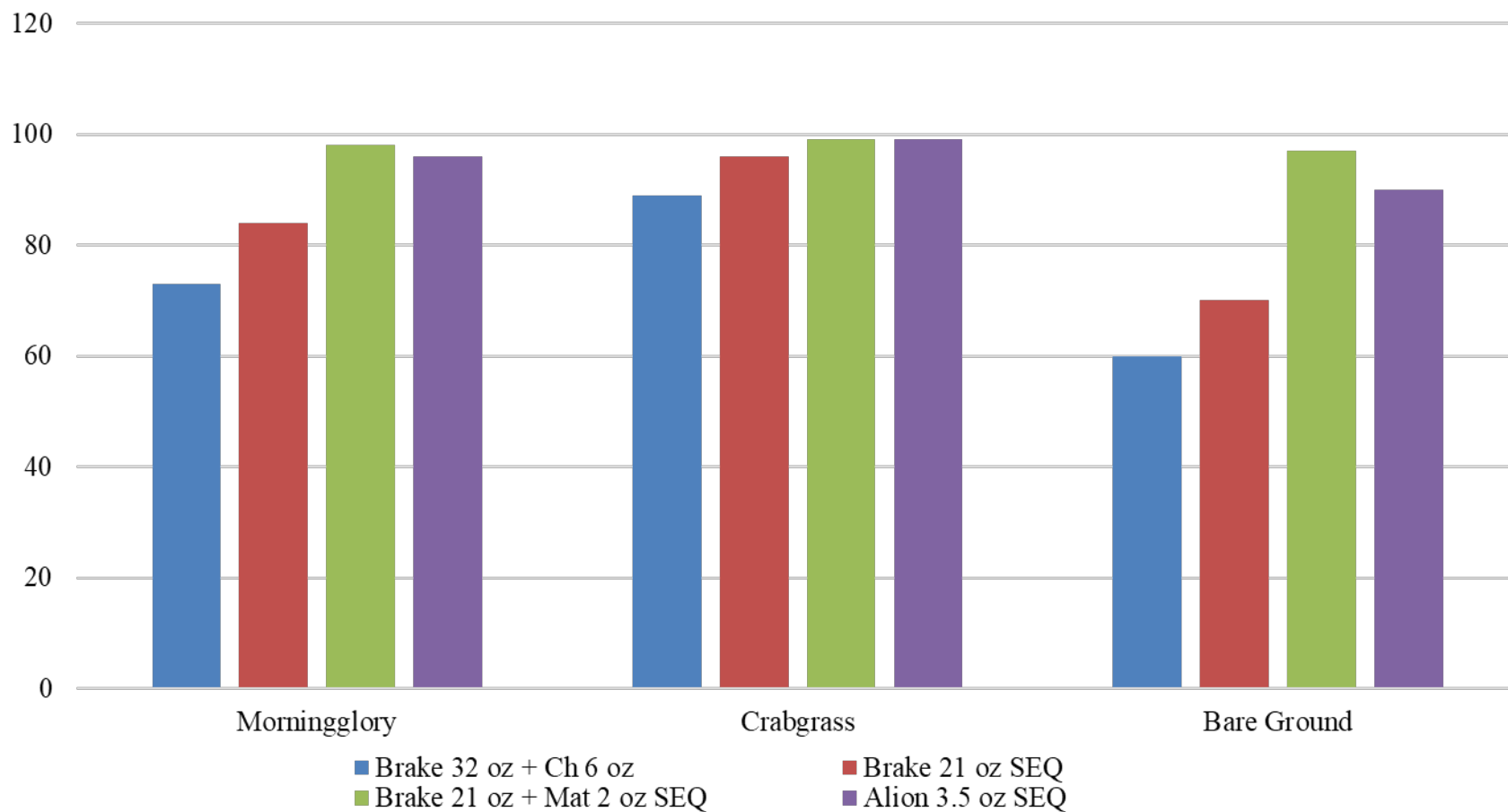


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 - Broad spectrum control of broadleaf and grass weeds
 - 30 day PHI
- Still working on rates and tank mix options
- Need flexibility to have sequential applications



Brake On Tank Mixes

% Control August 10



Broadloom 4L

- Newly planted and non-bearing orchards ONLY!
- Bentazon (Basagran)
- 1.5 to 2 pt/A + COC
- No more than 4 pt/A in 12 month period
- Newly planted trees must be protected
- Controls yellow nutsedge
 - Apply 2 pt/A + COC to 6 to 8" tall yellow nutsedge
 - Repeat application 7 to 10 days later
- Controls other problematic broadleaf weeds
 - Dayflower
 - Giant ragweed
 - Smartweed sp.



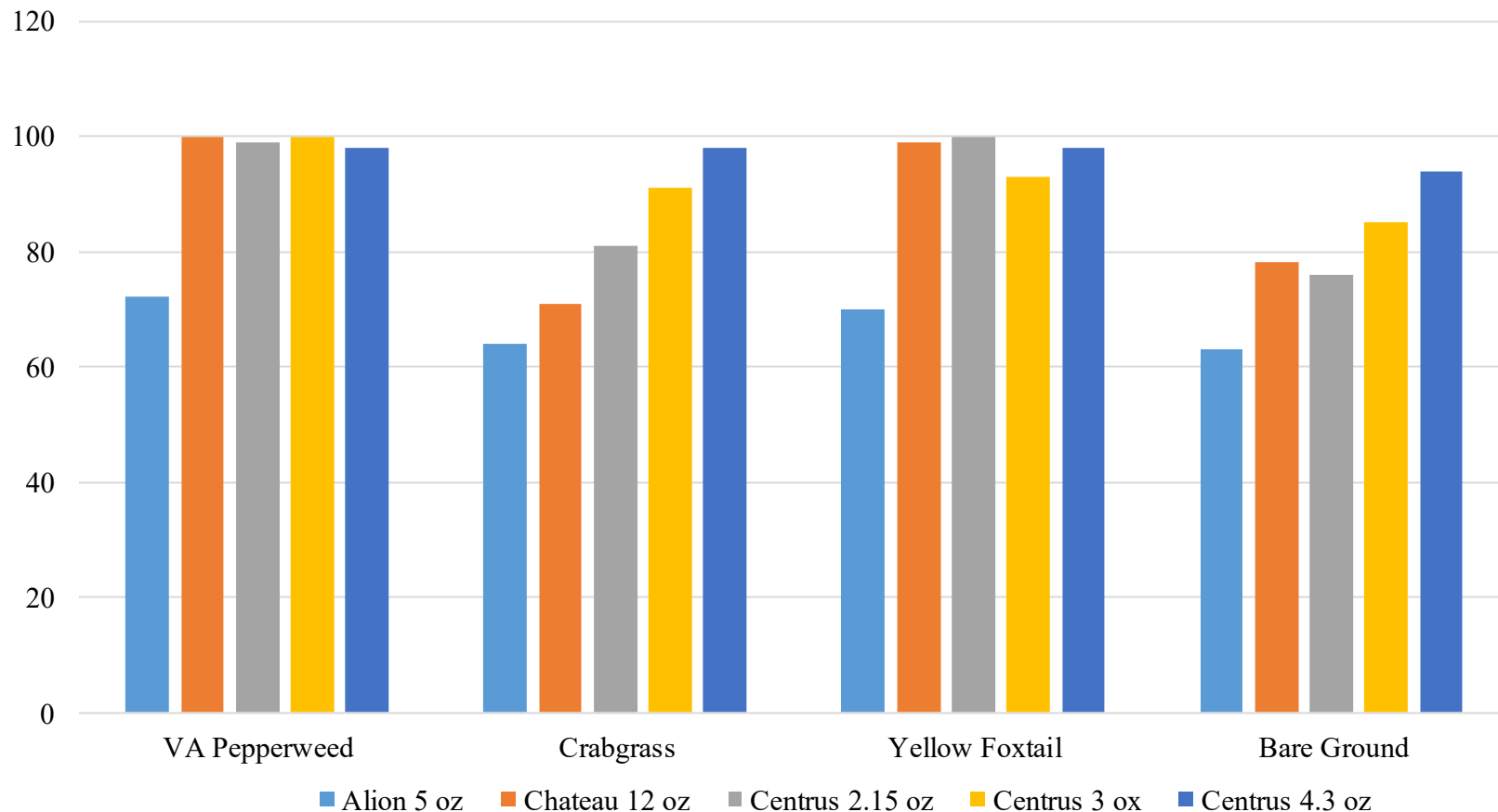
Centrus ... A Good Combination Herbicide

- Premix
 - Indaziflam (Alion)
 - Rimsulfuron
- WDG
- Use rate 3 to 5.6 oz/A per application; not exceed 6 oz/A per year
- 3 oz of Centrus
 - 3.5 fl oz of Alion
 - 2 oz of Rimsulfuron
- Rimsulfuron gives added POST control and some residual
- Trees established 3 years or longer
- 14 day PHI
- Cost???



Centrus Trial

% Control August 10



March 23 Application

Rely @ 32 fl oz + AMS included in all treatments

