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Preventing Preventable Problems on the Farm

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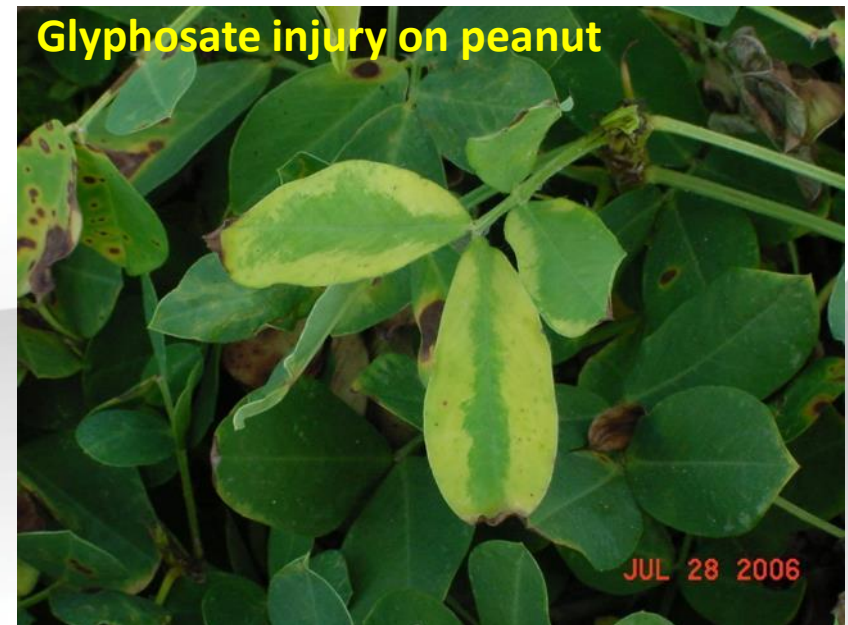
Impact Core @ 24 oz/A + Dual Magnum @
16 oz/A + Atrazine @ 48 oz/A + RUPM3 @
32 oz/A + Class Act @ 0.25% v/v



Why do I have this type of data?

➤ Peanut response to

- 2,4-D
- Dicamba
- Glyphosate
- Glyphosate + Dicamba
- Glufosinate
- Diuron
- Picloram
- Imazapyr
- Triclopyr
- Aminopyralid
 - In 2023



Problems



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Valor/Sprayer Cleanout/Field Corn



Valor/Sprayer Cleanout

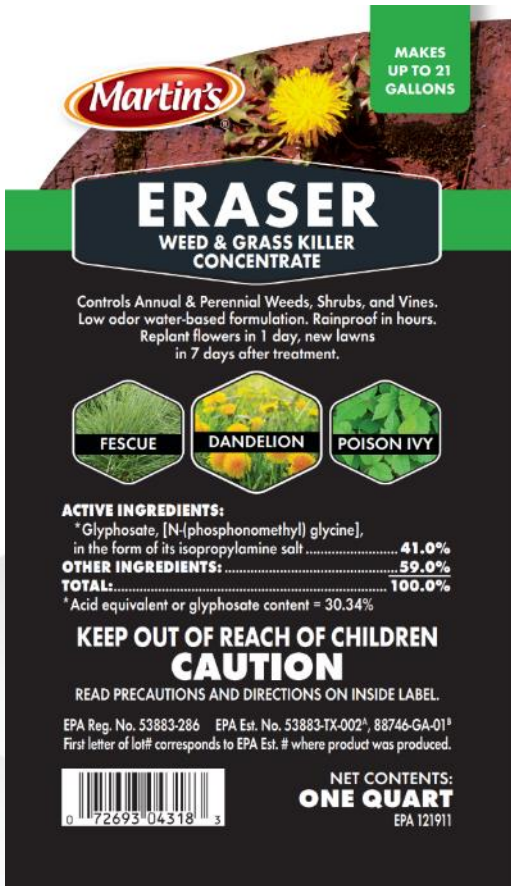


Imazapyr in Field Corn



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Oops!



Liberty (glufosinate) in Lay-By?



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Jugs and Jugs?



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Jugs and Jugs? (~\$1 million mistake)



Dicamba (Ugh!)



Tank-Mix Blues!

Cadre @ 3.5 oz/A + 2,4-DB @ 16 oz/A + Dual Magnum @ 20 oz/A + Domark @ 4 oz/A + Praiz @ 24 oz/A + Class Act NG @ 8 oz/A



Mixing Sequence

Was: 1) Gramoxone; 2) Storm; 3) Zidua SC

Should have been: 1) Zidua SC; 2) Storm; 3) Gramoxone



Why does this happen?



- 1) Plant on Time
- 2) Spray on Time
- 3) Harvest on Time
- 4) **Pay the Banker
On Time**
- 5) Weather/Wind
- 6) Equipment
- 7) People

Did you know



- 1) GA farmers (%) needing an annual operating loan
- *County1* - 60%
 - *County2* - 95%
 - *County3* - 80%
 - *County4* - 80%
 - *County5* - 80%
 - *County6* - 80%
 - *County7* - 90%



- 2) Operating Loans (\$\$)??
- \$500,000
 - \$2,000,000
 - \$5,000,000+



How do we fix this?



1. Phone a friend
2. Mix what you need
- 3. No label = NO MIX!**
4. Head in Tank??
5. Label/Container Colors
6. Plumbing
7. Records
8. Label
9. Nix the Mix?
10. Weather/Wind/Common Sense

Phone A Friend



- County Agent/Specialist
- Consultant
- Dealer
- Priest/Rabbi/Imam

Mixing/Loading Area



This?



Or This?

NO LABEL = NO MIX!!!!



Head In Tank



Sprayer Cleanout Procedure

Valent Tank Cleaner

Upon completion of all your Valor® Herbicide applications, and BEFORE spraying over-the-top of any crop, be sure to clean out the tank, hoses and nozzles with the new, uniquely-formulated Valent Tank Cleaner. This is the only tank cleaner that was specifically created for Valor and completely cleans Valor out of the sprayer system when used according to label directions and most importantly, mixed at the correct concentration.

DIRECTIONS FOR USE

1. Completely spray out or empty any Valor spray mix from the sprayer.
2. **You must physically clean out** all strainers, filters, nozzles, nozzle screens, diaphragms, boom ends, or anywhere that solution/residue could accumulate or stagnate in the sprayer.
3. Add 100 gallons of water to the spray tank, then add 1 gallon of Valent Tank Cleaner. Any ratio less than this will result in insufficient cleanout.
4. Agitate for 5-10 minutes. Then charge pumps, hoses and nozzles by spraying a small amount of solution through the sprayer (ensure solution is spraying out of the nozzles).
5. Shut off sprayer, keeping the hoses and nozzles "charged" under pressure.
6. Now add 1 gallon of Valent Tank Cleaner to the tank for every additional 200-400 gallons of water added until the tank is full. If residue film is apparent in tank or solution sat in tank for multiple days, increase to 2 gallons/200 gallons.
7. **Let tank and sprayer system sit overnight or at least a minimum of 12 hours.**
8. The next morning, spray out solution through the boom for 10 minutes and then drain remaining solution until sprayer is empty.
9. Flush spray tank with clean water and empty. Check all strainers, filters, nozzles & nozzle screens, as this process can "strip" old residues from within the sprayer.

NOTE: Following these procedures is critical to remove residue from the sprayer system. Valent Tank Cleaner is available from your Valor supplier.

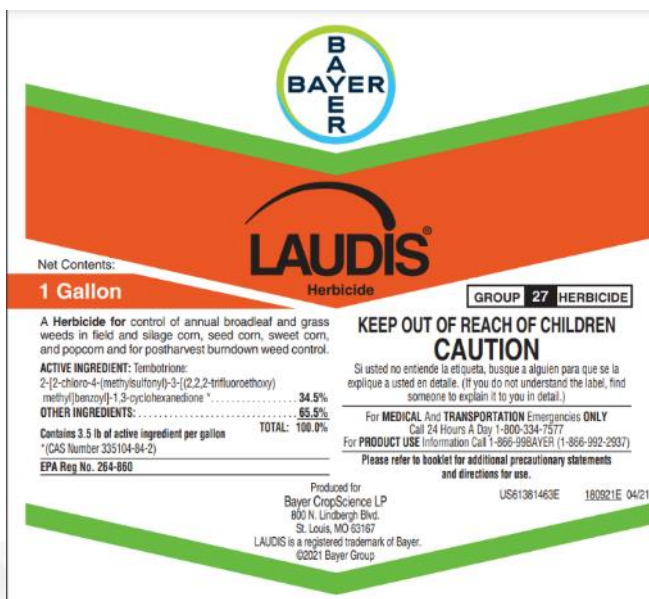


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Valor/Sprayer Cleanout

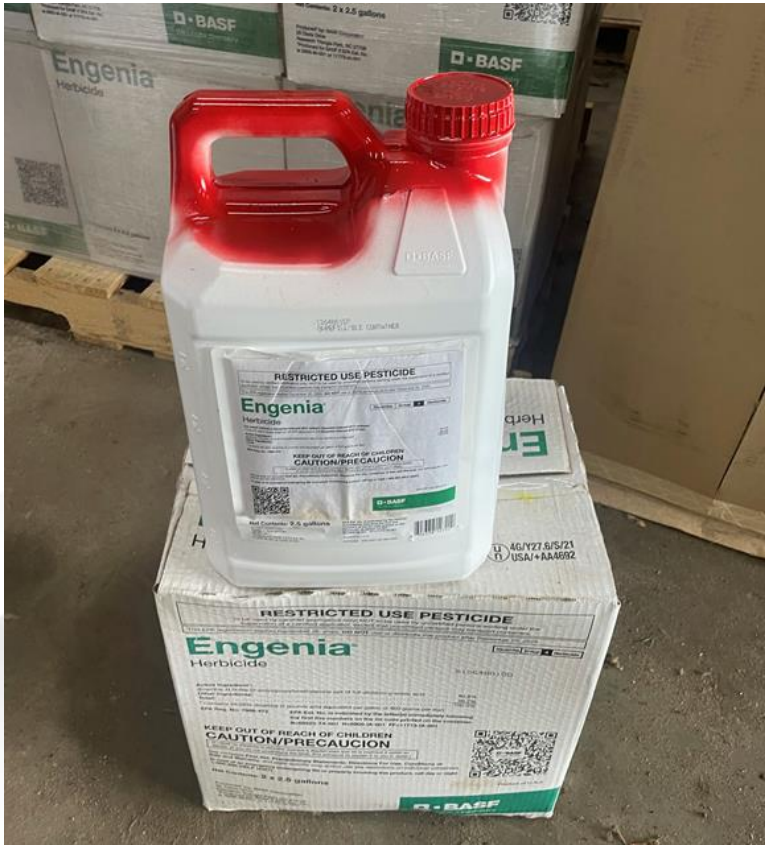


Pesticide Containers Label/Container Color?



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Or This?



➤ ***“Works good when you stand a bunch of white jugs up on water truck side by side.”***

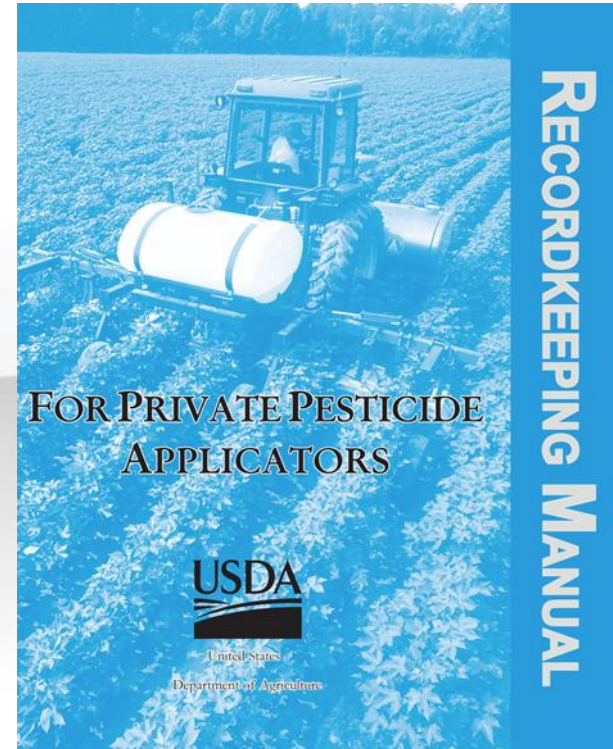
➤ ***Kerry Hodges,
Screven Co. (GA)
Farmer, 10/11/2022***

Plumbing (multiple tanks on 1 tractor)



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Records



Label Read/Reform?

➤ 29 pages long

➤ All sections in same place?

➤ *i.e. crop rotation
restrictions on page
X*



Nix the Mix? (*When You Can*)



Reflex, Zidua, B-Moly, Glyphosate, Brandt
Smart Trio (N + S + B + Mn + Zn)

- Solving all pest/fertility problems in 1 application
- More products = More problems
- Mixing order is important
- Impossible to get enough good data for all scenarios
 - *TOD, temperature, humidity, leaf wetness, plant health, etc.*



Weather/Wind/Common Sense



paraquat drift on field corn

Questions/Comments

