

Introduction of a Herbicide Selector Tool for Peanut

Greg Buol and David Jordan
Department of Crop and Soil Sciences
North Carolina State University



Table 4-7. Weed Response to Postemergence Herbicides — Peanuts

Species	Herbicides Key: PPI = Preplant Incorporated; PRE = Preemergence; AC = At-Cracking; POST = Postemergence																			
	Butyrac 200	Gramoxone ¹	Gramoxone + Basagran	Gramoxone + Storm	Basagran	Basagran + Butyrac 200	Ultra Blazer	Ultra Blazer + Butyrac 200	Ultra Blazer + Basagran ²	Storm	Storm + Butyrac 200	Pursuit + Butyrac 200	Cadre or Impose	Cobra	Cobra + Basagran	Cobra + Basagran + Butyrac 200	Cobra + Cadre or Impose	Cobra + Pursuit	Poast or Poast Plus	Clethodim products
Bermudagrass	N	P	P	P	N	N	N	N	P	N	N	N	N	N	N	N	N	N	FG	G
Black nightshade	N	PF	PF	G	P	P	G ¹	G ¹	G ¹	G ¹	G ¹	G	G	G ¹	G ¹	G ¹	G	G	N	N
Broadleaf signalgrass	N	GE	E	GE	N	N	NP	NP	P	NP	NP	G	G	N	N	N	G	G	E	E
Carpetweed	P	FG	FG	G	P	P	GE	E	E	G	G	FG	FG	G	G	G	G	G	N	N
Cocklebur	E	G	E	E	E	E	G	E	E	E	E	E	E	G	G	E	E	E	N	N
Common ragweed	PF	F	G	E	G ⁴	G ⁴	E ¹	E ¹	E ¹	E ¹	E ¹	P	PF	E	E	E	E	E	N	N
Crabgrass	N	G	G	G	N	N	N	N	N	N	N	FG	FG	N	N	N	FG	FG	GE	GE
Crowfootgrass	N	GE	G	GE	N	N	P	P	P	P	P	P	G	N	N	N	G	P	F	G
Dayflower	—	G	G	FG	G	G	—	—	G	FG	FG	—	G	—	G	G	G	—	N	N
Eclipta	P	F	F	FG	FG	FG	G	G	G	FG	FG	P	F	G	G	G	G	G	N	N
Fall panicum	N	GE	G	GE	N	N	PF	PF	P	PF	PF	PF	G	N	N	N	G	PF	E	E
Florida beggarweed	P	G	GE	G	N	P	PF	F	F	P	P	P	F	F	F	F	F	F	N	N
Foxtails	N	GE	G	GE	N	N	PF	PF	P	PF	PF	G	G	N	N	N	G	G	E	E
Goosegrass	N	GE	G	GE	N	N	N	N	N	N	N	N	F	N	N	N	F	N	GE	GE
Jimsonweed	P	G	E	E	E	E	E	E	E	E	E	G	E	E	E	E	E	E	N	N
Johnsongrass, Seedling	N	GE	GE	GE	N	N	P	P	P	P	P	GE	E	N	N	N	E	GE	E	E
Johnsongrass, Rhizome	N	P	P	P	N	N	N	N	N	N	N	F	FG	N	N	N	FG	F	G	GE
Lambsquarters	PF	F	G	G	FG	G ⁴	G	G	GE	G	G	P	PF	P	FG	G	PF	P	N	N
Morningglory, Pitted	FG	F	FG	E	P	G	E	E	E	E	E	G	GE	G	G	G	GE	G	N	N
Morningglory, Others	E	F	FG	E	P	E	GE	E	E	GE	E	E	G	G	G	E	G	E	N	N

(continued)

Table 4-5. Chemical Weed Control in Peanuts

Herbicide and Formulation	Pounds Active Ingredient Per Acre	Precautions and Remarks
Postemergence, Florida beggarweed		
chlorimuron, MOA 2 (Classic 0.25 DF)	0.008 (0.5 oz)	Use only for control of Florida beggarweed. Apply from 60 days after crop emergence to within 45 days of harvest. Application to peanuts less than 60 days old will result in crop injury and yield reduction. Apply before Florida beggarweed has begun to bloom and before it has reached 10 inches tall. Larger beggarweed may only be suppressed. Add 1 quart of nonionic surfactant per 100 gallons spray solution; do not add crop oil. May be tank mixed with 2,4-DB; see label for rates and precautions. Recommended as a salvage treatment only.
Postemergence, Yellow nutsedge		
bentazon, MOA 6 (Basagran 4 L)	0.75 to 1 (1.5 to 2 pt)	Apply when nutsedge is 6 to 8 inches tall. A repeat application 7 to 10 days later may be needed. Adding crop oil concentrate at 1 quart per acre will increase control. Do not apply more than 2 pints of Basagran per season. Not effective on purple nutsedge.
Postemergence, Yellow and purple nutsedge		
imazapic, MOA 2 (Cadre 2 AS) (Impose 2 AS)	0.063 (4 fl oz)	Apply postemergence when nutsedge is 4 inches or less. Add nonionic surfactant at 1 quart per 100 gallons or crop oil concentrate at 1 quart per acre. See label for rotational restrictions.
imazethapyr, MOA 2 (Pursuit 2 AS)	0.063 (4 fl oz)	Apply before nutsedge is larger than 3 inches tall. Add surfactant at 1 quart per 100 gallons or crop oil concentrate at 1 quart per acre. Do not mix with Basagran for nutsedge control. See label for rotational restrictions. A split application with half of the Pursuit applied preplant incorporated and half applied early postemergence may be more effective than applying all of the Pursuit at one time.

Peanuts planted May 10, emerged May 20
 Scouting date June 15 (what if July 1)
 Next crop will be cotton (what if soybean)

Weeds present: Palmer amaranth
Goosegrass
 Common ragweed

		Palmer	Goose	Ragweed
1	Cadre	E	F	PF
2	Gramoxone	G	G	G
	Basagran			
3	Butyrac 200	PF	N	PF
	Clethodim	N	GE	N
4	Storm	E	N	E
5	Cobra	E	N	E
	Clethodim	N	GE	N

Harold Coble, many graduate students and Walt Haskins (Technician)
 Yield loss of crops at various weed densities
 Harold Coble and Gail Wilkerson (competitive index, total competitive load)
 Weed Scientist's attempt at economic thresholds (soybean then other crops)
Pocket HERB

WebHADSS™
North Carolina

CROPS

- [Corn](#)
- [Cotton](#)
- [Peanuts](#)
- [Soybeans](#)

LINKS

- [HADSS Information](#)
- [Ag Chemicals Manual](#)

VERSION INFORMATION

HADSS DECISION PROGRAM
2004.0.3

NORTH CAROLINA DATABASE
4/16/2009 9:51:16 AM

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North Carolina WebHADSS has been developed through the cooperative efforts of researchers at North Carolina State University, USDA-ARS, and Universities throughout the Southeast. Recent funding for programming and field validation studies was provided by USDA/CSREES and ARS.

Cotton Database	B. R. Lassiter Dr. A. C. York Dr. J. Wilcut
Peanut Database	Dr. D. L. Jordan B. R. Lassiter
Corn and Soybean Databases	B. R. Lassiter Dr. A. C. York

HADSS, the Herbicide Application Decision Support System for field crops, is designed to help you evaluate alternative weed management strategies. It is valid only for the 2009 crop year. We have used our best efforts to develop a computer program that will be beneficial to you. However, you should evaluate program recommendations in the light of your own experience and of advice and information received from other sources. CHECK PRODUCT LABELS CAREFULLY PRIOR TO APPLICATION OF ANY CHEMICAL.

WebHADSS™

North Carolina (Peanuts)

OPTIONS

- [View Damage Estimates \(Continue\)](#)
- [Clear All Data](#)
- [Clear Only Weed Population Data](#)
- [Previous Page \(Back\)](#)

FIELD AND CROP INFORMATION

Field Size: acres

Soil Moisture: Adequate
 Dry

Est. Weed-Free Yield: lb / acre

Crop Selling Price (\$): per Ton

Planting Date:

WEED SIZE

Avg. Weed Size: Small (< 2 in.)
 Medium (2 to 4 in.)
 Large (>= 4 in.)

POST TREATMENT DATA

Treatment Date:

Application Cost (\$): per acre

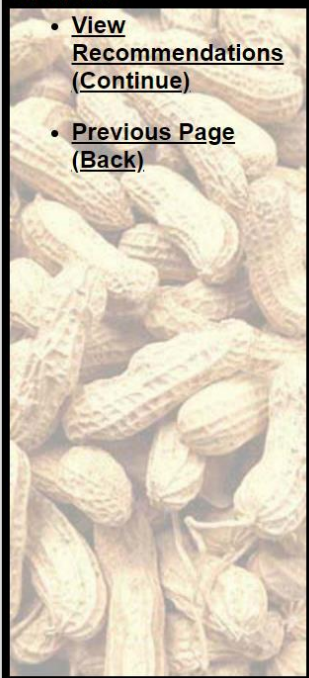
WEED POPULATIONS (weeds per 100 sq. ft.)

Weed Population Help		Weed Identification Help	
<input type="text" value="1.00"/>	amaranth, Palmer	<input type="text"/>	groundcherry
<input type="text"/>	amaranth, Palmer, ALS resistant	<input type="text"/>	horsenettle
<input type="text"/>	anoda, spurred	<input type="text"/>	jimsonweed
<input type="text"/>	barnyardgrass	<input type="text"/>	johnsongrass (rhizome)
<input type="text"/>	beggarweed, Florida	<input type="text"/>	johnsongrass (seedling)
<input type="text"/>	bermudagrass	<input type="text"/>	lambsquarters
<input type="text"/>	carpetweed	<input type="text"/>	morningglory, entireleaf
<input type="text"/>	cocklebur	<input type="text"/>	morningglory, ivyleaf
<input type="text"/>	corn, volunteer	<input type="text"/>	morningglory, pitted
<input type="text"/>	crabgrass	<input type="text"/>	morningglory, purple
<input type="text" value="3"/>	panicum, Texas	<input type="text"/>	pigweed, redroot
<input type="text"/>	pigweed, smooth	<input type="text"/>	poinsettia, wild
<input type="text"/>	purslane	<input type="text"/>	pusley, Florida
<input type="text"/>	radish / mustard, wild	<input type="text"/>	ragweed, common
<input type="text"/>	sandbur, field	<input type="text"/>	sicklepod

WebHADSS™

North Carolina (Peanuts)

OPTIONS



- [View Recommendations \(Continue\)](#)
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UNTREATED DAMAGE ESTIMATE

(Based on 4000.0 lb / acre weed-free yield and \$545.00 per Ton selling price.)

Weed	weeds per 100 sq. ft.	lb / acre	Loss	
			% Yield	\$ / Acre
panicum, Texas	3.00	420.00	10.50%	\$114.45
amaranth, Palmer	1.00	160.00	4.00%	\$43.60
Total		580.00	14.50%	\$158.05

WEED CONTROL WARNINGS

NONE

OPTIONS



- [Herbicide Information](#)
- [Glyphosate Formulations](#)
- [Previous Page \(Back\)](#)

To view treatment details click on the treatment name.

Herbicide Recommendations

Treatment	Net Return	Total Cost	After Treatment Yield Loss (Pounds)	
Description (Rate per acre)	Warnings	per acre		
Select/Arrow/Volunteer followed by Pursuit (6 oz => 4 oz)	View Details	\$125.60	\$32.45	0.00
Select Max followed by Pursuit (0.75 pt => 4 oz)	View Details	\$123.40	\$34.65	0.00
Select/Arrow/Volunteer followed by Pursuit (8 oz => 4 oz)	View Details	\$122.96	\$35.09	0.00
Cobra + Select/Arrow/Volunteer (12.5 oz + 8 oz)	View Details	\$122.47	\$29.04	24.00
Poast followed by Pursuit (1 pt => 4 oz)	View Details	\$121.10	\$31.23	21.00
Select/Arrow/Volunteer followed by Storm + Butyrac (6 oz => 1 pt + 8 oz)	View Details	\$120.21	\$29.12	32.00
Poast Plus followed by Pursuit (1.5 pt => 4 oz)	View Details	\$120.21	\$32.12	21.00
Select Max followed by Pursuit (1 pt => 4 oz)	View Details	\$120.02	\$38.03	0.00
Cobra + Select Max (12.5 oz + 1 pt)	View Details	\$119.53	\$31.98	24.00

HADSS Limitations

Long-term impact of allowing weeds at sub-threshold levels to reproduce

Models consider direct interference and not impact on harvest efficiency

Digging efficiency can be lowered and pod loss can be high if weeds are present, especially grasses

Accurate and economical scouting

Spatial variation in weed populations

Herbicide resistant weeds

Keeping up with prices – timely updates

North Carolina Herbicide Selection Tool

Crop

Select crop for herbicide recommendation by clicking on crop name.



Crop management resources.

- [↗ NC Extension Peanut Portal](#)
- [↗ 2023 Peanut Information](#)
- [↗ 2023 N.C. Agricultural Chemicals Manual](#)

Weeds

Select or unselect weeds for herbicide recommendation by clicking on a weed name.

amaranth, Palmer	johnsongrass	panicum, fall
anoda, spurred	rhizome	pigweed
beggarweed, Florida	seedling	redroot
bermudagrass	lambsquarters, common	smooth
carpetweed	millet, Texas	purslane, common
cocklebur, common	morningglory	ragweed, common
crabgrass, large	entireleaf	sicklepod
croton, tropic	ivyleaf	sida, prickly



Crop management resources.

- [NC Extension Peanut Portal](#)
- [2023 Peanut Information](#)
- [2023 N.C. Agricultural Chemicals Manual](#)

Weeds

Select or unselect weeds for herbicide recommendation by clicking on a weed name.

amaranth, Palmer

EPPO: AMAPA

Competitive Index: 4

Resistant Biotype:

- Nonresistant
- (02) ALS Inhibitors
- (05) Photosystem II Inhibitors
- (09) EPSP Synthase Inhibitors
- (14) PPO Inhibitors
- (27) HPPD Inhibitors
- (02) ALS Inhibitors + (14) PPO Inhibitors

Links: [NC STATE](#) 

anoda, spurred

beggarweed, Florida

bermudagrass

johnsongrass

rhizome

seedling

lambquarters, common

millet, Texas

EPPO: PANTE

Competitive Index: 3.5

Resistant Biotype:

- Nonresistant

morningglory

entireleaf

ivyleaf

pitted

panicum, fall

pigweed

redroot

smooth

purslane, common

ragweed, common

sicklepod

sida, prickly

signalgrass, broadleaf

smartweed, Pennsylvania

spurge

velvetleaf

Set weed density levels by clicking on a density range bar or by clicking and sliding a red bar. The competitive load column indicates potential impact each weed has on the crop. Higher competitive load values indicate greater impact and need for control.

Comp.

Selected Weed <i>(Resistance)</i>	Comp. Index	Weed Density	Comp. Load <i>(Density)</i>
amaranth, Palmer <i>(02) ALS Inhibitors</i>	4.0		112.0 <i>(28)</i>
millet, Texas <i>Nonresistant</i>	3.5		63.0 <i>(18)</i>

Clear Selected Weeds

Herbicide Application Timing

Select and unselect herbicide application timing(s) to view herbicide recommendations. (Note: Changing crop traits, weeds, or weed density will clear herbicide timings and herbicide recommendations.)

- Preplant Incorporated
- Preemergence
- At-Cracking + Residual
- At-Cracking
- Residual Only (AC or Post)
- Postemergence

Herbicide Recommendations

Show or hide herbicide information by clicking on herbicide line.

Herbicide	Rating
Herbicide Control Rating Key	
E Excellent 93% or better	PF Poor/Fair 48% to 53%
GE Good/Excellent 88% to 93%	P Poor 28% to 48%
G Good 83% to 88%	NP Very Poor/Poor 23% to 28%
FG Fair/Good 78% to 83%	N None/Very Poor 0% to 23%
F Fair	

Herbicide Recommendations

Show or hide herbicide information by clicking on herbicide line.

Herbicide	Rating
Clethodim + Cobra 2 EC (POST)	95 E
Clethodim + Ultra Blazer 2 L (POST)	95 E
Clethodim + Basagran 4 L + Cobra 2 EC (POST)	95 E
Clethodim + Basagran 4 L + Ultra Blazer 2 L (POST)	95 E
Clethodim + Butyrac 200 2 L + Ultra Blazer 2 L (POST)	95 E
Clethodim + Pursuit 2 L + Cobra 2 EC (POSTR)	95 E
Clethodim + Storm 4 L (POST)	95 E
Clethodim + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC (POST)	95 E
Clethodim + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L (POST)	95 E
Clethodim + Butyrac 200 2 L + Storm 4 L (POST)	95 E
Storm 4 L + Gramoxone 2 SL (POST)	93 E
Storm 4 L + Parazone 3 SL (POST)	93 E
Cadre 2 AS + Cobra 2 EC (POSTR)	91 GE
Cadre 2 AS + Ultra Blazer 2 L (POSTR)	91 GE
Impose 2 AS + Cobra 2 EC (POSTR)	91 GE
Impose 2 AS + Ultra Blazer 2 L (POSTR)	91 GE
Cadre 2 AS + Butyrac 200 2 L + Cobra 2 EC (POSTR)	91 GE
Cadre 2 AS + Butyrac 200 2 L + Ultra Blazer 2 L (POSTR)	91 GE
Impose 2 AS + Butyrac 200 2 L + Cobra 2 EC (POSTR)	91 GE
Impose 2 AS + Butyrac 200 2 L + Ultra Blazer 2 L (POSTR)	91 GE
Cadre 2 AS + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC (POSTR)	91 GE
Cadre 2 AS + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L (POSTR)	91 GE
Impose 2 AS + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC (POSTR)	91 GE
Impose 2 AS + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L (POSTR)	91 GE
Basagran 4 L + Gramoxone 2 SL (POST)	85 G
Basagran 4 L + Parazone 3 SL (POST)	85 G

Herbicide Recommendations

Show or hide herbicide information by clicking on herbicide line.

Herbicide	Rating									
Clethodim + Cobra 2 EC POST	95 E									
<p>Active Ingredient(s): clethodim + lactofen</p> <p>Chemical Family: Cyclohexanedione (DIMs) + Diphenylether</p> <p>Mode of Action (WSSA): 01 Inhibits the enzyme acetyl-CoA carboxylase (ACCase) 14 Inhibitor of protoporphyrinogen oxidase (Protox, PPO)</p> <p>Weed Control:</p> <table border="1"> <thead> <tr> <th>Weed</th> <th>%Eff</th> <th>Rating</th> </tr> </thead> <tbody> <tr> <td>amaranth, Palmer <i>(02) ALS Inhibitors</i></td> <td>95</td> <td>E</td> </tr> <tr> <td>millet, Texas <i>Nonresistant</i></td> <td>95</td> <td>E</td> </tr> </tbody> </table> <p>Application and Rate Information: 2023 N.C. Agricultural Chemicals Manual 2023 Peanut Information - Weed Management</p>		Weed	%Eff	Rating	amaranth, Palmer <i>(02) ALS Inhibitors</i>	95	E	millet, Texas <i>Nonresistant</i>	95	E
Weed	%Eff	Rating								
amaranth, Palmer <i>(02) ALS Inhibitors</i>	95	E								
millet, Texas <i>Nonresistant</i>	95	E								
Clethodim + Ultra Blazer 2 L POST	95 E									
Clethodim + Basagran 4 L + Cobra 2 EC POST	95 E									
Clethodim + Basagran 4 L + Ultra Blazer 2 L POST	95 E									
Clethodim + Butyrac 200 2 L + Ultra Blazer 2 L POST	95 E									
Clethodim + Pursuit 2 L + Cobra 2 EC POSTR	95 E									
Clethodim + Storm 4 L POST	95 E									
Clethodim + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC POST	95 E									
Clethodim + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L POST	95 E									
Clethodim + Butyrac 200 2 L + Storm 4 L POST	95 E									
Storm 4 L + Gramoxone 2 SL POST	93 E									
Storm 4 L + Parazone 3 SL POST	93 E									

Herbicide Selection Tool

Points the user to the most effective herbicide combinations based on herbicide performance and competitive index

Does not require counting weeds

User must provide a relative differences in populations of weed species

User must refer to production guides and product labels for rates, timing of application, adjuvants, precautions, etc.

The Recommendation

The weed's competitive index is multiplied relative weed density to calculate the competitive load for that weed

Competitive load for each weed in the weed complex is multiplied by the herbicide efficacy

Predicted remaining competitive load after treatment for each weed is added together to determine the total remaining competitive load

Herbicide treatments are then ranked from the lowest to highest remaining competitive load

The Recommendation

If two herbicides have the same remaining competitive load, the herbicides are sorted based on the number of herbicides in the treatment with the fewest listed first

If total remaining competitive load and number of herbicides are the same, the herbicide treatments are listed in alphabetical order

Overall Efficacy of the Herbicide Treatment

Ratio or relative density of weeds present is important – not the actual densities

Palmer: Competitive Load, $CI \times \text{density}$ (4×1) = 4, Herbicide Efficacy = .95, Controlled Competitive Load ($4 \times .95$) = 3.8

Sicklepod: Competitive Load, $CI \times \text{density}$ (3.6×1) = 3.6, Herbicide Efficacy = .95, Controlled Competitive Load ($3.6 \times .95$) = 3.42

Total Competitive Load Remaining (TCLR = 7.22)

Rank herbicide options from lowest TCLR to highest TCLR

If two options have same TCLR, the option with fewer herbicides is listed first

If TCLR and number of herbicides for options are the same, herbicide options are listed in alphabetical order

peanut ncsu - Google Search x +

google.com/search?q=peanut+ncsu&rlz=1C1GCEA_enUS979US979&ei=y8yZZKOFL92mqtsPvseeoAs&oq=peanut+ncsu&gs_lcp=Cgxnd3Mtd2l...

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peanut ncsu



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Results for **North Carolina State University, Raleigh, NC** · Choose area

 North Carolina State University
<https://peanut.ces.ncsu.edu>

Peanut | NC State Extension

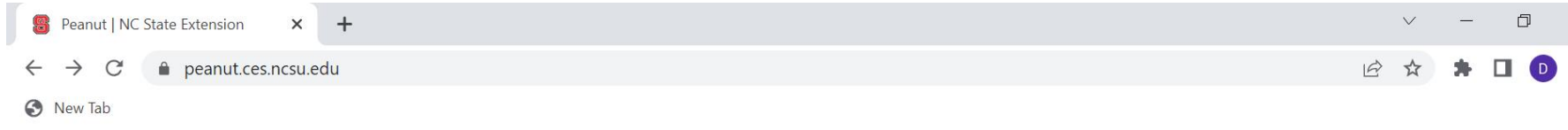
This portal is designed to provide up-to-date information on **peanut** production and management in order to assist **peanut** growers and their advisors produce ...

[Events](#) · [Peanut Risk Tool and Field Log](#) · [Peanut Notes](#) · [Meet Our Staff](#)

 North Carolina State University
<https://content.ces.ncsu.edu/peanut-information>

2023 Peanut Information - NC State Extension Publications

Jan 6, 2023 — This guide for growers, updated annually, provides information on production and pest management practices applicable to growing **peanuts** in ...



Peanut

Meet Our Staff

Events

Peanut Information AG-331

Peanut Breeding and Genetics
Cultivars Breeding Lines

2022 Peanut Budgets (Excel
Download)

North Carolina Herbicide
Selection Tool

Peanut Digging Evaluation Tool
and Pod Sampling Videos



[en Español](#)

News and Updates

North Carolina Herbicide Selectio x +
peanut.ces.ncsu.edu/north-carolina-herbicide-selection-tool/
New Tab

- 2022 Peanut Budgets (Excel Download)
- North Carolina Herbicide Selection Tool
- Peanut Digging Evaluation Tool and Pod Sampling Videos
- Peanut Risk Tool and Field Log
- Crop Enterprise Budgets
- Equipment Information
Peanut Digger-Shaker-Inverter (DSI)
- Field Days
2020 NC Peanut Virtual Field Day 2020
CHROME Field Day
- Peanut Notes
- Pest Management
- Field Crops



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← → ↻ cropmanagement.cals.ncsu.edu/weeds/herbicideselect.aspx ↗ ☆ ⚙️ 📄

🔍 New Tab



North Carolina Herbicide Selection Tool

Crop

Select crop for herbicide recommendation by clicking on crop name.



Crop management resources.

Weeds

Select or unselect weeds for herbicide recommendation by clicking on a weed name.

Examples

Field 1

Palmer amaranth (ALS-R), yellow nutsedge

Field 2

Common ragweed (ALS-R), eclipta

Field 3

Texas panicum, pitted morningglory

Field 4

Palmer amaranth (ALS-R), sicklepod, purple nutsedge

Field 1. Palmer amaranth (ALS-R), yellow nutsedge

Herbicide Recommendations

Show or hide herbicide information by clicking on herbicide line.

Herbicide	Rating
Basagran 4 L + Cobra 2 EC <small>POST</small>	94 E
Basagran 4 L + Ultra Blazer 2 L <small>POST</small>	94 E
Cadre 2 AS + Cobra 2 EC <small>POSTR</small>	94 E
Cadre 2 AS + Ultra Blazer 2 L <small>POSTR</small>	94 E
Impose 2 AS + Cobra 2 EC <small>POSTR</small>	94 E
Impose 2 AS + Ultra Blazer 2 L <small>POSTR</small>	94 E
Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POST</small>	94 E
Cadre 2 AS + Butyrac 200 2 L + Cobra 2 EC <small>POSTR</small>	94 E
Cadre 2 AS + Butyrac 200 2 L + Ultra Blazer 2 L <small>POSTR</small>	94 E
Clethodim + Basagran 4 L + Cobra 2 EC <small>POST</small>	94 E
Clethodim + Basagran 4 L + Ultra Blazer 2 L <small>POST</small>	94 E
Clethodim + Storm 4 L <small>POST</small>	94 E
Impose 2 AS + Butyrac 200 2 L + Cobra 2 EC <small>POSTR</small>	94 E
Impose 2 AS + Butyrac 200 2 L + Ultra Blazer 2 L <small>POSTR</small>	94 E
Storm 4 L + Gramoxone 2 SL <small>POST</small>	94 E
Storm 4 L + Parazone 3 SL <small>POST</small>	94 E
Cadre 2 AS + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POSTR</small>	94 E
Cadre 2 AS + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POSTR</small>	94 E
Clethodim + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POST</small>	94 E
Clethodim + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POST</small>	94 E
Clethodim + Butyrac 200 2 L + Storm 4 L <small>POST</small>	94 E
Impose 2 AS + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POSTR</small>	94 E
Impose 2 AS + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POSTR</small>	94 E
Pursuit 2 L + Cobra 2 EC <small>POSTR</small>	92 GE
Storm 4 L <small>POST</small>	92 GE
Butyrac 200 2 L + Storm 4 L <small>POST</small>	92 GE

Field 2. Common ragweed (ALS-R), eclipta

Herbicide Recommendations	
Show or hide herbicide information by clicking on herbicide line.	
Herbicide	Rating
Cobra 2 EC <small>POST</small>	90 GE
Ultra Blazer 2 L <small>POST</small>	90 GE
Basagran 4 L + Cobra 2 EC <small>POST</small>	90 GE
Basagran 4 L + Ultra Blazer 2 L <small>POST</small>	90 GE
Butyrac 200 2 L + Ultra Blazer 2 L <small>POST</small>	90 GE
Cadre 2 AS + Cobra 2 EC <small>POSTR</small>	90 GE
Cadre 2 AS + Ultra Blazer 2 L <small>POSTR</small>	90 GE
Clethodim + Cobra 2 EC <small>POST</small>	90 GE
Clethodim + Ultra Blazer 2 L <small>POST</small>	90 GE
Impose 2 AS + Cobra 2 EC <small>POSTR</small>	90 GE
Impose 2 AS + Ultra Blazer 2 L <small>POSTR</small>	90 GE
Pursuit 2 L + Cobra 2 EC <small>POSTR</small>	90 GE
Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POST</small>	90 GE
Cadre 2 AS + Butyrac 200 2 L + Cobra 2 EC <small>POSTR</small>	90 GE
Cadre 2 AS + Butyrac 200 2 L + Ultra Blazer 2 L <small>POSTR</small>	90 GE
Clethodim + Basagran 4 L + Cobra 2 EC <small>POST</small>	90 GE
Clethodim + Basagran 4 L + Ultra Blazer 2 L <small>POST</small>	90 GE
Clethodim + Butyrac 200 2 L + Ultra Blazer 2 L <small>POST</small>	90 GE
Clethodim + Pursuit 2 L + Cobra 2 EC <small>POSTR</small>	90 GE
Clethodim + Storm 4 L <small>POST</small>	90 GE
Impose 2 AS + Butyrac 200 2 L + Cobra 2 EC <small>POSTR</small>	90 GE
Impose 2 AS + Butyrac 200 2 L + Ultra Blazer 2 L <small>POSTR</small>	90 GE
Cadre 2 AS + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POSTR</small>	90 GE
Cadre 2 AS + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POSTR</small>	90 GE
Clethodim + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POST</small>	90 GE
Clethodim + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POST</small>	90 GE

Field 3. Texas panicum, pitted morningglory

Herbicide Recommendations

Show or hide herbicide information by clicking on herbicide line.

Herbicide	Rating
Clethodim + Ultra Blazer 2 L <small>POST</small>	95 E
Clethodim + Basagran 4 L + Ultra Blazer 2 L <small>POST</small>	95 E
Clethodim + Butyrac 200 2 L + Ultra Blazer 2 L <small>POST</small>	95 E
Clethodim + Storm 4 L <small>POST</small>	95 E
Clethodim + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POST</small>	95 E
Clethodim + Butyrac 200 2 L + Storm 4 L <small>POST</small>	95 E
Storm 4 L + Gramoxone 2 SL <small>POST</small>	92 GE
Storm 4 L + Parazone 3 SL <small>POST</small>	92 GE
Clethodim + Cobra 2 EC <small>POST</small>	91 GE
Clethodim + Basagran 4 L + Cobra 2 EC <small>POST</small>	91 GE
Clethodim + Pursuit 2 L + Butyrac 200 2 L <small>POSTR</small>	91 GE
Clethodim + Pursuit 2 L + Cobra 2 EC <small>POSTR</small>	91 GE
Clethodim + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POST</small>	91 GE
Cadre 2 AS + Ultra Blazer 2 L <small>POSTR</small>	89 GE
Impose 2 AS + Ultra Blazer 2 L <small>POSTR</small>	89 GE
Cadre 2 AS + Butyrac 200 2 L + Ultra Blazer 2 L <small>POSTR</small>	89 GE
Impose 2 AS + Butyrac 200 2 L + Ultra Blazer 2 L <small>POSTR</small>	89 GE
Cadre 2 AS + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POSTR</small>	89 GE
Impose 2 AS + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POSTR</small>	89 GE
Clethodim + Butyrac 200 2 L <small>POST</small>	88 GE
Clethodim + Butyrac 200 2 L + Basagran 4 L <small>POST</small>	88 GE
Cadre 2 AS <small>POSTR</small>	87 G
Impose 2 AS <small>POSTR</small>	87 G
Cadre 2 AS + Cobra 2 EC <small>POSTR</small>	87 G
Impose 2 AS + Cobra 2 EC <small>POSTR</small>	87 G
Cadre 2 AS + Butyrac 200 2 L + Cobra 2 EC <small>POSTR</small>	87 G
Impose 2 AS + Butyrac 200 2 L + Cobra 2 EC <small>POSTR</small>	87 G

Field 4. Palmer amaranth (ALS-R), Sicklepod, Purple nutsedge

Herbicide Recommendations	
Show or hide herbicide information by clicking on herbicide line.	
Herbicide	Rating
Cadre 2 AS + Cobra 2 EC <small>POSTR</small>	95 E
Cadre 2 AS + Ultra Blazer 2 L <small>POSTR</small>	95 E
Impose 2 AS + Cobra 2 EC <small>POSTR</small>	95 E
Impose 2 AS + Ultra Blazer 2 L <small>POSTR</small>	95 E
Cadre 2 AS + Butyrac 200 2 L + Cobra 2 EC <small>POSTR</small>	95 E
Cadre 2 AS + Butyrac 200 2 L + Ultra Blazer 2 L <small>POSTR</small>	95 E
Impose 2 AS + Butyrac 200 2 L + Cobra 2 EC <small>POSTR</small>	95 E
Impose 2 AS + Butyrac 200 2 L + Ultra Blazer 2 L <small>POSTR</small>	95 E
Cadre 2 AS + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POSTR</small>	95 E
Cadre 2 AS + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POSTR</small>	95 E
Impose 2 AS + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POSTR</small>	95 E
Impose 2 AS + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POSTR</small>	95 E
Storm 4 L + Gramoxone 2 SL <small>POST</small>	89 GE
Storm 4 L + Parazone 3 SL <small>POST</small>	89 GE
Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POST</small>	89 GE
Clethodim + Butyrac 200 2 L + Basagran 4 L + Cobra 2 EC <small>POST</small>	88 GE
Clethodim + Butyrac 200 2 L + Basagran 4 L + Ultra Blazer 2 L <small>POST</small>	88 GE
Clethodim + Butyrac 200 2 L + Storm 4 L <small>POST</small>	88 GE
Butyrac 200 2 L + Ultra Blazer 2 L <small>POST</small>	88 GE
Butyrac 200 2 L + Storm 4 L <small>POST</small>	88 GE
Clethodim + Butyrac 200 2 L + Ultra Blazer 2 L <small>POST</small>	88 GE
Basagran 4 L + Gramoxone 2 SL <small>POST</small>	85 G
Basagran 4 L + Parazone 3 SL <small>POST</small>	85 G
Pursuit 2 L + Cobra 2 EC <small>POSTR</small>	78 FG
Clethodim + Pursuit 2 L + Cobra 2 EC <small>POSTR</small>	78 FG



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