

# PEANUT: PEANUT INSECT CONTROL

Mark R. Abney, Research and Extension Entomologist

PEST	INSECTICIDE	MOA	AMOUNT OF FORMULATION PER ACRE	LB ACTIVE INGREDIENT PER ACRE	REI/PHI (Hours or Days)	REMARKS
Beet Armyworm <sup>1</sup>	chlorantraniliprole Prevathon	28	36/42"1"q	0.047-0.067	4 H/ 1 D	Do not apply more than 0.2 lb ai of chlorantraniliprole/A/ year.
	<i>diflubenzuron</i> Dimilin 2L	15	6/: "1"q	0.06-0.125	12 H/ 28 D	Do not make more than 3 applications/season.
	<i>indoxacarb</i> Steward 1.25EC	22	:04/3305"1"q	0.09-0.11	12 H/ 14 D	Fq"pqv"cr rn{ " o qtg'v jcp"67"1"q   lClugcuqp"Okpk o wo "kpvgtxcn"dgvy ggp"vtgcv o gpvu"ku" 5 days.
	<i>methoxyfenozide</i> Intrepid 2F	18	8/32"1"q	0.09-0.16	4 H/ 7 D	
	<i>novaluron</i> Diamond 0.83 EC	15	8/34"1"q	0.039-0.077	12 H/ 28 D	Fq"pqv"cr rn{ " o qtg'v jcp"58"1"q   lClugcuqp" Fq"pqv"hgff"vtgcvgf"rgcpwv"jc {"qt"xkpgu"vq" livestock.
	spinetoram Radiant 1SC	5	5/: "1"q	0.023-0.063	4 H/ 3 D	Fq"pqv"cr rn{ " o qtg'v jcp"cvqcn"qh"46"1"q   "qh" Tc fkcpi"UE" (0.188 lb aispinetoram+lCl {gc0" Fq"pqv"cmqy" i tc  kpi "qh"rgcpwv"jc {0
	spinosad Blackhawk 36WG	5	309/505"q	0.038-0.074	4 H/ Harvest 3 D Forage 14 D	Fq"pqv"cr rn{ " o qtg'v jcp"3406"q   lClctqr" Fq"pqv" o cmg"cr rnkecvkqpu"nguu"v jcp"9"fc {u" apart.
Dwttqygt" Dwi <sup>5</sup>	chlorpyrifos Chlorpyrifos 15G	1B	13.6 lb	2	24 H/ 21 D	Oczk o wo "ukping"cr rnkecvkq"tcvg"ku"37"q   13222"hw"qh"tqy0" Fq"pqv"gzeggf"4806"nd" E jnqtr { tkhu"37 lClugcuqp" Hqt" dcpfgf"cr rnkecvkqpu"wug"c"32/3 : ö" dcpf0
Corn Earworm	chlorantraniliprole Prevathon	28	36/42"1"q	0.047-0.067	4 H/ 1 D	Do not apply more than 0.2 lb ai of Brigade 2EC 0.033-0.1 403/806"1"q
						esfenvalerate Asana XL 0.66EC 0.015-0.03 40/: /70: "1"q
						<i>lambda-cyhalothrin</i> Warrior II Zeon 2.08CS 0.02-0.03 304:/30; 4"1"q
						<i>zeta-cypermethrin</i> Owucpi"Oczz"20:GE 0.02-0.025 504/6"q

12 H/  
14 D  
12 H/  
21 D  
24 H/  
14 D  
12 H/  
7 D

PEANUT INSECT CONTROL

PEST	INSECTICIDE	MOA	AMOUNT OF FORMULATION PER ACRE	LB ACTIVE INGREDIENT PER ACRE	REI/PHI (Hours or Days)	REMARKS
Ewwyqto <sup>1</sup>	<i>indoxacarb</i> Steward 1.25EC	22	;04/3305"t"q	0.09-0.11	12 H/ 14 D	Fq"pqv"cr rñ{" o qtg"vjcp"67"t"q   Clugcuqp0"Okpk o w o "kpvgtxcn"dgvy ggp"vtgcv o gpvu"ku" 5 days.
	methomyl Lannate 90SP Lannate 2.4LV	1A	0.5-1 lb 1.5-3 pt	0.45-0.9	48 H/ 21 D	Urtc{"ncvg"kp"vjg"chvgtppqp"ht" o czk o w o "ghŁecec{0" Fq"pqv"hgff"vtgcvgf" xkpgu"vq" livestock.
	pyrethroids <i>beta-cyfluthrin</i> Baythroid XL 1EC	3A	3/30:"t"q	0.008-0.014	12 H/ 14 D	Fq"pqv"gzeggf"5"cr rñkecvkppu"rgt"ugcuqp"qh"40:"t"q   32/fc{"kpvgtxcnu0
	<i>bifenthrin</i> Brigade 2EC		403/806"t"q	0.033-0.1	12 H/ 14 D	Fq"pqv"cr rñ{" o qtg"vjcp"207"nd"cklClugcuqp0" Fq"pqv"hgff"rgcpwv"jc{ "vq"nkxguvqem0
	esfenvalerate Asana XL 0.66EC		;08"q	0.05	12 H/ 21 D	Fq"pqv"gzeggf"2"037"nd"cklClugcuqp0" Fq"pqv"hgff"qt"i tc g"nkxguvqem"qp"vtgcvgf" xkpgu0
	<i>lambda-cyhalothrin</i> Warrior II Zeon 2.08CS		304:/30;4"t"q	0.015-0.025	24 H/ 14 D	Fq"pqv"cr rñ{" o qtg"vjcp"3"rvlClugcuqp0" Fq"pqv"i tc g"nkxguvqem"kp"vtgcvgf"ctgcu"qt" wug" treated vines for animal feed.
	<i>zeta-cypermethrin</i> Owupci"Oczz"20:GE		304:/6"q	0.008-0.025	12 H/ 7 D	Fq"pqv"cr rñ{" o qtg"vjcp"2037"nd"cklClugcuqp0" Fq"pqv"i tc g"nkxguvqem"kp"vtgcvgf"ctgcu0" Fq" pqv" wug"vtgcvgf" xkpgu"ht"cpk o cn"hgff0
Fall Armyworm <sup>1</sup>	chlorantraniliprole Prevathon	28	36/42"t"q	0.047-0.067	4 H/ 1 day	Do not apply more than 0.2 lb ai chlorantraniliprole/A/year.
	<i>diflubenzuron</i> Dimilin 2L	15	6/:"t"q	0.06-0.125	12 H/ 28 D	Do not make more than 3 applications/season.
	<i>indoxacarb</i> Steward 1.25EC	22	;04/3305"t"q	0.09-0.11	12 H/ 14 D	Fq"pqv"cr rñ{" o qtg"vjcp"67"t"q   Clugcuqp0"Okpk o w o "kpvgtxcn"dgvy ggp"vtgcv o gpvu"ku" 5 days.
	methomyl Lannate 90SP Lannate 2.4LV	1A	0.25-0.5 lb 0.75-1.5 pt	0.225-0.45	48 H/ 21 D	Do not feed treated vines to livestock.
	<i>methoxyfenozide</i> Intrepid 2F	18	8/32"t"q	0.09-0.16	4 H/ 14 D	Do not make more than 3 applications/year. methomyl
	<i>novaluron</i> Diamond 0.83 EC	15	8/34"t"q	0.039-0.077	12 H/ 28 D	Fq"pqv"cr rñ{" o qtg"vjcp"58"t"q   Clugcuqp0" Fq"pqv"hgff"vtgcvgf"rgcpwv"jc{ "qt" xkpgu"vq" livestock. 0.225-0.45 48 H/151(12 H)/Tj 0.139 -1.2 T33228 D
	spinetoram Radiant 1SC	5	5/:"t"q	0.023-0.063	4 H/ 3 D	Fq"pqv"cr rñ{" o qtg"vjcp"cvqvcn"qh"46"t"q   qh" Tc fkepv"UE" 0.75-1.5 pt



# PEANUT INSECT CONTROL




Vertical lines forming a partial grid structure below the main table.

PEANUT INSECT CONTROL

PEST	INSECTICIDE	MOA	AMOUNT OF FORMUALTION PER ACRE	LB ACTIVE INGREDIENT PER ACRE	REI/PHI	

PEANUT INSECT CONTROL

PEST	INSECTICIDE	MOA	AMOUNT OF FORMUALTION PER ACRE	LB ACTIVE INGREDIENT PER ACRE	REI/PHI (Hours or Days)	REMARKS
Velvetbean caterpillar (continued)	zeta-cypermethrin Owuvcpj"Oczz"20:GE		304:/6"q	0.008-0.025	12 H/ 7 D	

# PEANUT DISEASE CONTROL

Bob Kemerait, Extension Plant Pathologist, University of Georgia, Tifton, GA

PEST	FUNGICIDE	MOA	AMOUNT PER ACRE	REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
Seedling Disease	<i>azoxystrobin</i> Cdqwpf"402:H	11	8"l"q		Cdqwpf"ku"cevkxg"ci ckpuv"tjkl qevqpkc"fc o r kpi"qhh"cpf"Curgti kmwue"etqyp"tqv0
Uqwvjgtp" Stem Rot (White Mold) and Tjkl qevqpkc" Limb Rot	<i>azoxystrobin</i> Cdqwpf"402:H	11	3:07/4608"l"q  3405"l"q *ft{ncpf"qp{+  These rates are for soilborne diseases to kpenwfg"uwrrtguukqp"qh"EDT"cpf"hqt" leaf spot diseases.  Note: There is some evidence that the ghLece{"qh"strobilurin"hwpikekfgu"hqt" management of leaf spot is not as strong as it once was. Therefore, growers ujqwnf"eqpukfgt"vcpm/ o kzkpi"cf fkvkqpcn" hwpikekfgu"hqt" o cpcig o gpv"qh"ngch"urqv" y jgp"wukpi"cf"strobilurin"hwpikekfg0	4 H/ 14 D	Hqt"kpetgcugf"fkugcug"eqpvtqn."i tq ygtu"ujqwnf"eqpukfgt"vcpm/ o kzkpi"cnvq" (cyproconazole."707"l"q lC+"ykvj"Cdqwpf"*34/4607"l"q lC+"82/; 2"fc{u"chvgt"ncpvkpi0 "Crnn{"Cdqwpf."C qz{Uvct."Ctvkucp"*48/54"l"q lC+."Gxkvq."qt"Eqpxq{"*48"l"q lC+"cu" a foliar spray at 50-60 days after planting and reapply 28 days later. Note: Convo cpf"Ctvkucp"o c{"cnuq"dg"cr rnkfg"qp"cf"6/urte{"rtqitc o0"Eqpuwv"ncdgn"hqt" o qtg" information. Begin treating immediately if active white mold is observed before the Ltu"uejgfwngf"cr rnkcevqkq0"Eqpuwv"ncdgn"hqt"cr rnkcevqkq"uvtcvgi kgu"eqpegtpki"vjg"wug" qh"gcej"rtqfwev0  Pqvg<"C"hwpikekfg"vq"eqpvtqn"ngchurqv" o wuv"cnyc{u"dg" o kzgf"ykvj"Eqpxq{0"Cf fkvkqpcn" ngch"urqv"eqpvtqn" o c{"pq"dg"pggfgf"kh"Ctvkucp"ku"wugf"vykeg"kp"cf"ugcuqp"cv"48/54"l" q lC*"dw"vcpm/ o kzkpi"cp"cf fkvkqpcn"hwpikekfg" o c{"dg"cf"i qkf"kgc+"jygyxgt."kh" Ctvkucp"ku"cr rnkfg"kp"hwqwt"cr rnkcevqkpu."cf fkvkqpcn"hwpikekfgu"uwej"cu"chlorothalonil or thiophanate methyl0"Vqrupk"O+" o wuv"dg"cf ffgf"vq"ur r ng o gpv"eqpvtqn"qh"ngch" urqv0"Oczk o w o"tcvg"ku"6;"l"q lClugcuqp0"fwg"vq"tg i wncvqkq"htq o"vjg"Gwtgrgcp"Wpkq." ewttgpn"wug"qh"cpf{"rtqfwev"vjcv"eqpvckpu"propiconazole."uwej"cu"Ctvkucp." o c{"dg" rtqdn g o ckel0" I tq ygtu"ujqwnf"uggm"cf fkvkqpcn"lphqt o cvkq"dg hqtg" wukpi"uwej"rtqfwev0
	<i>azoxystrobin</i> C qz{uvct	11	34/4607"l"q   see note	4H/ 14D	Fq"pqv"crnn{" o qtg"vjcp"6;"l"q lClugcuqp0"Wpfgt"jgcx{"fkugcug"rtguuwtg"cpflqt"y jgtg" vjgtg"ku"jki j"tclphcm"cpflqt"kttki cvkqp."wug"3:07/4607"l"q lC0"Hqt"nki j"fkugcug"rtguuwtg" qt"ft{"gpxktq o gpcn"eqpfkvkqpu."*pqp/kttki cvgf."nqy"tclphcm+"wug"34/4607"l"q lC0  Note:  D 0PE• P€018`À @pÀ`°0E GUUpÀ E HUP E qt"ft{"gpxktq o gpcn"RU GU\ HQYLRWJDGEU€=RÀ P 8 xUH<Up ðWL A mWLjp S •@ PI P

PEANUT DISEASE CONTROL

PEST	FUNGICIDE	MOA	AMOUNT PER ACRE	REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
Uqwjgtp"Ug o"					



PEANUT DISEASE CONTROL

PEST	FUNGICIDE	MOA	AMOUNT PER ACRE	REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
Early emergence applications for management of White Mold and					

PEANUT DISEASE CONTROL

PEST	FUNGICIDE	MOA	AMOUNT PER ACRE	REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
FOLIAR DISEASES (continued)					
Late leafspot *Egtequrqtkfw o" rgtuqpcw o+.					
(1 401.04711 Tf 8<003>Tj 0 -1r90056005200510044005700580050000C000F>Tj /5100440 -9.111 -1.741 Td [(FOLIAR)11.8 ( DI)61.81 Tf O01 401.09..[te leafspot					

PEANUT DISEASE CONTROL

PEST	FUNGICIDE	MOA	AMOUNT PER ACRE	REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
FOLIAR DISEASES (continued)					
E{nkpf tqencfkw o" Black Rot (CBR)	metam sodium 42%	M3	10 gal/A		Vq"dg"ghgvekg."vjg"hw oki cpv"metam sodium" o wuv"dg"cr rnkgt"xtg{ "ectghwn {0"Vq"cxqkf"klwt{ "vq"vjg"uggf"cpf"vjg"uggf"nkpi u."vjg"hw oki cpv" o wuv"dg"cr rnkgt"cv"ngcu"36"fc{u"dghqtg"rnepkpi"vq"c"fgrvj"qh" :/3260"Metam sodium"ujqwnf"dg"cr rnkgt"qpn{ "y jgp"vjg"uqkn"vg o rgtcvwtg"ku"i tgcvtg"vjcp"82AH"cpf" y jgp"vjg"uqkn" o qkuvwtg"ku"nkmg"kv"y qwnf"dg"hqt"uwkvedng"uggf"i gt o kpcvkpp0"kv"ku"etkvecn"vq"i gv"c"i qqf" ugcn"qp"vjg"e jkugn"vtceg"ngh"chvgt"hw oki ckvq"uq"vjcv"vjg"metam sodium does not escape directly into vjg"cv o qur jgtg0"Vjg"tq y u" o wuv"dg" o ctmgf"uq"vjcv"uggf"ecp"dg"rnepvgf" fktgevn{ "cdqyg"y jgtg"vjg" hw oki cpv" y cu"cr rnkgt0

RECOMMENDATIONS SET FORTH BY THE NORTH AMERICAN FUNGICIDE RESISTANCE ACTION COMMITTEE

- 30" Tgfweg"kpkkcn"kpqewnw o "hwpicn"rqrwncvkqpu+"vj tqw i j" i qqf"ewnwtcn"rtceveku0
- 40" Fq"pqv"wg"nguu"vjcp"vjg" o kpkow o "ncdgn"tcvg"cnqpg"qt"kp"vcpm" o kzvwtgu0
- 50" Kh" o qtg"vjcp"hwrt"urte{u"qh"FOK"ht"gzco rng"tebuconazole and propiconazole" hwpikekfgu"y knn"dg" o c f g"kp"c"ugcuqp."kv"ku"uvtqpin{ "tgeq o o g p f g f"vjcv"cnm"FOK"urte{u" dg"okzgf"ykvj"cp"ghgvekg"pqp/FOK"hwpikekfg0
- 60" Wug"kp"c"rtxgpcvkxg"cr rnkcevkqpu"ue j g f wng0
- 70" Ecnkdtcvg"urte{gt"cpf"eqpLiwtg"urte{"vkr"vq"gpwutg"vjqtqwi j"eqxgtcig"qh"rgcpwv" foliage.
- 80" FOK"hwpikekfgu"ctg"pqv"tgeq o o g p f g f"ht"ugcuqp/nqpi"wg"cnqpg0"Wug"cnvgtpcvkpi" dnqemu"qh"urte{u"qh"FOK"hwpikekfgu"ykvj"pqp/FOK"hwpikekfgu."QT"wg"vcpm" o kzgu"qh" FOK"cpf"pqp/FOK"hwpikekfgu0"Ugg"ncdgn" fktgevkqpu#
- 90" Cnvgtpcvkpi"urte{u"qt"vcpm" o kzvwtgu"ykvj"qvjgt"FOK"hwpikekfgu"y knn"pqv"jgnr"rtxgpcv" resistance development.

- 0" Y jgp"wukpi"c"strobilurin" hwpikekfg"cu"cuqng"rtqfwew."hqt"gzco r ng" J g c f n k p g."Cdqwpf." qt"Gxkvq."vjg"pw o dgt"qh"cr rnkcevkqpu"ujqwnf"dg"pq" o qtg"vjcp"315"55 ' + "qh"vjg"vqvcn" pw o dgt"qh" hwpikekfg"cr rnkcevkqpu"rgt"ugcuqp0
- 9. For strobilurin" o kzgu" \* g 0 i 0 " C d u q n w g . " G x k v q " V " c p f " U v t c v g i q + " k p " r t q i t c o u " y j k e j " v c p m " mixes or pre-mixes ~~strobilurin~~ with mixing partners of a different mode of action ctg"wugf."vjg"pw o dgt"qh"strobilurin"eqpvckkpi"cr rnkcevkqpu"ujqwnf"dg"pq" o qtg"vjcp" 314"72 ' + "qh"vjg"vqvcn"pw o dgt"qh" hwpikekfg"cr rnkcevkqpu"rgt"ugcuqp0
- 10. In programs in which applications ~~of~~ strobilurin" hwpikekfgu"ctg" o c f g " y k v j " d q v j " u q n q " r t q f w e u " c p f " o k z v w t g u . " v j g " p w o d g t " q h " s t r o b i l u r i n " e q p v c k k p i " c r r n k c e v k q p u " u j q w n f " d g " p q " o q t g " v j c p " 314"72 ' + "qh"vjg"vqvcn"pw o dgt"qh" hwpikekfg"cr rnkcevkqpu"rgt"ugcuqp0

## PEANUT NEMATODE CONTROL

PEST	NEMATICIDE	AMOUNT PER ACRE	REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
Nematodes	<i>fuopyram + imidacloprid</i> Xgnw o "Vqvcn	3: "1"q	12 H/ 14 D	<p>Cr rn { "ur gek l g f" f q u c i g" k p" v j g" h q m q y k p i" o g v j q f u c" 3+ "k p/h w t t q y" u r t c { "f w t k p i" r n c p v k p i" f k t g e v g f" q p" q t" d g n q y" u g g f" 4+ "E j g o k i c v k q p" k p v q" v j g" t q q v/   q p g" v j t q w i j" n q y" r t g u u w t g" f t k r" q t" v t k e m m g" k t t k i c v k q p }</p> <p>F q" p q v" c r r n { " o q t g" v j c p" 3; " 1" q   l C" q h" X g n w o " V q v c n" r g t" { g e t } F q" p q v" c r r n { " X g n w o " V q v c n" y k v j k p" 52" f c { u" q h" j c t x g u w } T g i c t f n g u u" q h" h q t o w n c v k q p" q t" o g v j q f" q h" c r r n e c v k q p. " c r r n { " p q" o q t g" v j c p" 207" n d" i m i d i c l o p r i d o r 0.45 l b " f u o p y r a m" c k l C l { g c t. " k p e n w f k p i" u g g f" v t g c v o g p v. " u q l n" c p f" h q n k t" w u g u }</p> <p><b>Note:</b> PROPULSE (<i>fuopyram + prothioconazole</i>) e c p" d g" c r r n k g f" c v" 3508" 1" q   l C" c v" r g i i k p i" v k o g" h q t" c f f k v k q p c n" e q p v t q n" q h" p g o c v q f g u" h q m q y k p i" c p" k p/h w t t q y" c r r n e c v k q p" q h" X g n w o " V q v c n" R t q r w n u g" q h h g t u" c f f k v k q p c n" p g o c v q f g" e q p v t q n" v j t q w i j" e j g o k i c v k q p" v j c v" w u g u" q x g t j g c f" k t t k i c v k q p" g s w k r o g p v" C r r n e c v k q p u" u j q w n f" d g" o c f g" w u k p i" 203" v q" 2047" c e t g/ k p e j" q h" y c v g t" v q" o q x g" R T Q R W N U G" k p v q" v j g" u q k n }</p>
	Aldicarb AgLogic 15G	7 lb/A at-plant followed by 10 lb/A post emergence.		<p><b>At-Planting:</b> " C r r n { " i t c p w n g u" k p" c" 6/80" d c p f" q x g t" q r g p" u g g f" h w t t q y" * V/ d c p f+ " c p f" k o o g f k c v g n { " e q x g t" y k v j" u q k n" d { " o g e j c p k e c n" o g e p u } Q T" C r r n { " i t c p w n g u" k p" c" 8/340" d c p f" c p f" k o o g f k c v g n { " e q x g t" y k v j" u q k n" d { " o g e j c p k e c n" o g e p u" v q" c" f g r v j" q h" 4/600" R n c p v" u g g f" k p v q" v t g e v g f"   q p g } <b>Post-Emergence</b> C r r n { " i t c p w n g u" k p" c" d e p f" 34/3: 0" y k f g" q p" v j g" t q y" c p f" k p v q" v j g" r n c p v" e c p q r { 0" G p u w t g" v j c v" r n c p v" h q n c i g" k u" f t { " r t k t" v q" c r r n e c v k q p } F k u n q f i g" i t c p w n g u" h t q o" h q n c i g" d { " u w k v c d n g" o g e p u" v j c v" y k m" p q v" f c o c i g" v j g" r n c p v } C r r n { " 8/; " i c n l C" t e v g u" d t q c f e c u n" y k v j" c" o q n f d q c t f" r n q y } C r r n { " 60/78" i c n l C" t e v g u" y k v j" c" u k p i n g" e j k u g n" k p/ t q y" c r r n e c v k q p } C m" c r r n e c v k q p u" u j q w n f" d g" made at least 7-14 days before planting.</p>
	Telone II	4.5-9 gal	5 D Post application/ —	<p>Apply 6-9 gal/A rates broadcast with a moldboard plow. Apply 4.5-6 gal/A rates with a single chisel in-row</p> <p>c r r n e c v k q p } C m" c r r n e c v k q p u" u j q w n f" d g" o c f g" c v" n g c u v" 9/36" f c { u" d g h q t g" r n c p v k p i }</p>
	Vydate C-LV	39/56" 1" q	48 H/ —	<p>X { f c v g" E/ N X" k u" w u g f" v q" u w r r n g o g p v" w u g" q h" c" r t g/ r n c p v" q t" c v/ r n c p v" c r r n e c v k q p" q h" c" p g o c v k e f g } 0" * k h" X { f c v g" k u" w u g f" c v/ r n c p v. " k v" u j q w n f" d g" c r r n k g f" c v" 5602" 1" q   l C } 0+ " T g e q o o g p f g f" h q n k t" c r r n e c v k q p" k u" c" u r n k v" c r r n e c v k q p" q h" }</p>

## PEANUT WEED CONTROL

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HERBICIDE	MOA	BROADCAST RATE/ACRE		REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
		AMOUNT OF FORMULATION/A	LBS ACTIVE INGREDIENT/A		
<b>CHEMIGATION</b>					
metolachlor Stalwart, Parallel PCS Me-Too-Lachlor	15	Refer to PPI section for rates			<p>Oc{"dg"cr rnkqf"d{"kplgevkqp"vj tqwi j"egpvgt" rlxq"kttk i cvkqp"u {uvgo u0"Wug"cv"pqt o cn"tgeq o o gpf"gf" tcvgu0"Cr rn{"chvgt" rncpvkpi "dww" dghqtg"etqr"g ogt i gpeg0"Tgs wktgu"rtqr gt"u {uvgo "ecnkdtcvkqp"cpf" uchgv{"fgxkegu"*ej gem"xcnxgu."ewvqhh"uykvejgu."gve0+"vq"rtqxf"ghhgevkxg"yggf"eqpvtqn"cpf"rtgxgp" gpvltqp o gpcv"eqpvc o kpcvkqp0"Ceewtcvg"jgtdkekfg"cr rnkcevkqp"vj tqwi j"ejg oki cvkqp"oc {"rtqxf"g" uwr gkqt"yggf"eqpvtqn"eq o rctgf"vq"eqpxgpvkqpcn"i tqwpf"cr rnkcevkqp0"Vjg"i gpgtke"lht o wncvkqpu" of metolachlor(Parallel PCS, Stalwart, Me-Too-Lachlor) have not provided the same length of tgukf wcn"eqpvtqn"qh"egtvckp"yggf u"cu"uk o knct"tcvgu"qh" Fwcn"Oc i pw o "lht o wncvkqpu"kp"uq o g"W I C" Egnf"vtkcnu0</p>
S-metolachlor					

PEANUT WEED CONTROL

HERBICIDE	MOA	BROADCAST RATE/ACRE		REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
		AMOUNT OF FORMULATION/A	LBS ACTIVE INGREDIENT/A		
PRE-EMERGENCE					



PEANUT WEED CONTROL

HERBICIDE	MOA	BROADCAST RATE/ACRE		REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
		AMOUNT OF FORMULATION/A	LBS ACTIVE INGREDIENT/A		
AT CRACKING OR EARLY POST-EMERGENCE (continued)					
<i>paraquat</i> xctkqwu"vtcf g"pc o gu 2SL 3SL	22	706"q " :"q	0.125	12 H/ -	Rtqxkfgu"ghhgevkxg."dtqcf/urgetwo"yggf"eqpvtqn0Rtqxkfgu"uqog"uwrrtguukqp"qh"{gnmqy" :   Â /

PEANUT WEED CONTROL

HERBICIDE	MOA	BROADCAST RATE/ACRE		REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
		AMOUNT OF FORMULATION/A	LBS ACTIVE INGREDIENT/A		
<b>POST-EMERGENCE</b>					
acifluorfen Wavt"Dnc gt"4N	14	"38/46"q	0.25-0.38	- / 75 D	Gurgekcn{"wughwn"hqteqvtqn"qh"o qtpkpi inqtigu."vtqrke"etqvqp."yknf"tc fku j."yknf"rqkpu gwkc." jqr jqt pdgc o"eqrrgtngch."cpf"urkfgt"lqygt/Cflwuv"tcvg"ceeqtflkpi"vq"yggf"uk g"cpf"urgekcu"pqvgf" qp"vjg"ncdgnl"Wug"38"q  C"qt"nguu"hqteqvtqn"qh"jki jn{"ugpukvkg"urgekcu"uwej"cu"jgo r"ugudcpkc"cpf" ujqy {"etqvcnctkc"Unki jv"vq"o qfgtcvg"rgcpwv"hqkci g'dwtp"oc {"tguwnl"fq"pq"cr rn {"o qtg"vjcp"4"rvlC" rgt"ugcuqp"cu"crqu/g ogti ppeg"vtgcvo gp"l"Cr rn {"ykvj"pqkpkpe"uwthcecp"cv"3"svl322"i cr"urte {"

PEANUT WEED CONTROL

HERBICIDE	MOA	BROADCAST RATE/ACRE		REI/PHI (Hours or Days)	REMARKS AND PRECAUTIONS
		AMOUNT OF FORMULATION/A	LBS ACTIVE INGREDIENT/A		
POST-EMERGENCE (continued)					
<i>imazapic</i> Cadre/Impose 2AS	2	6"q	0.063	12 H/ 90 D	Rtqxkfgu'gze gmgpv"eqpvtqn"qh" o cp{ "dtqcfngch"cpf" i tcuu"yggfu"cpf"dqvj"rwtrng"cpf" { gmqy" pwwugfi g0"Crri{"cu"cp"gctn{"rquv/g o gtigpeg"vtgcvo gpv"y jgp"yggfu"ctg"nguu"vjcp"4/5"kpejgu"kp" jgkijv0"Wpfgt"eqpflvkqpu"qh"jgcx{"yggf"rtguuwtg."cr rnkcevku"qh"Ecftg"32/36"fc{u"hqmqykpi" at5g7a9c45gab100((006530048807400570047000800536756480048048)E)Tj Td (9<4C00520

## PEANUT WEED CONTROL



PLANT GROWTH REGULATOR FOR RUNNER TYPE PEANUTS  
POST-EMERGENCE

# WEED RESPONSE TO BURNDOWN HERBICIDES USED IN PEANUT

Georgia Extension Agronomists – Weed Science

WEED SPECIES	BURNDOWN TREATMENT <sup>1</sup>							
	2,4-D <sup>3</sup>	glyphosate acid <sup>2</sup>	glyphosate acid <sup>2</sup> + 2,4-D <sup>3</sup>	glyphosate acid <sup>2</sup> + Valor	glyphosate acid <sup>2</sup> + Aim or ET	paraquat	paraquat + 2,4-D	paraquat + Valor <sup>4</sup>
<b>GRASSES / SEDGES</b>								
crabgrass	N	E	G-E	E	E	G		
goosegrass	N	E	G-E	E	E	F-G		
Italian ryegrass	N	G-E	G	G	G	P-F	P-F	
little barley	N	E	E	E	E	G	G	
upland cotton	N	E	G-E	E	E	G		
woody stemmed sorghum	N	E	G-E	E	E	G		
crabgrass	N	E	E	E	E	F-G		
crabgrass	N	F-G	F-G	G	F-G	P-F		
crabgrass	N	F	F	F	F	P-F		
<b>BROADLEAVES</b>								
upland cotton	G	G-E	G-E	E	E	E		
upland cotton	G	G-E	E	G-E	G-E	E		
upland cotton	F	P-F	G	G	F-G	G-E	G-E	
chickweed	P	E	E	E	E	E	E	
citronmelon	F	G-E	E	E	E	F		
upland cotton	E	E	E	E	E	G-E		
coffee senna	G	E	E	E	E	F		
upland cotton	P-F	G-E	G-E			F-G		
cowpea	G	E			E	E		
upland cotton	P-F	G-E	G-E	E		F-G		
upland cotton	P-F	F	F-G	F	F	P	P-F	
eveningprimrose	E	P-F	E	F-G	F	P-F	E	F-G







# WEED RESPONSE TO HERBICIDES USED IN PEANUTS

Eric Probst, Extension Agronomist – Weed Science

## WEED RESPONSE TO HERBICIDES USED IN PEANUTS

WEED RESPONSE TO HERBICIDES USED IN PEANUTS

	PPI/PRE-EMERGENCE <sup>1,2</sup>					PRE-EMERGENCE				POST-EMERGENCE	
	Prowl Pendimax Sonalan	Dual Magnum <sup>3</sup>	Propel Outlook	Pursuit	Strongarm	Warrant	Spartan Charge	Valor	Zidua <sup>4</sup>	Paraquat <sup>5</sup>	Paraquat + Storm
<b>BROADLEAVES (continued)</b>											
prickly sida	P	F	F	G-E	F-G	F		G-E		F	G
rtk o tqug."ewngch" gxgpkpi										P	G (+2,4-DB)
rwtuncpg	G-E	G	G	G		G		G-E		G	G
ragweed, common	P	P	F-G	P	G-E			G-E		P-F	G
redweed	P				G			G-E		F	G
urwtgtf"cpqfc	P	P	P		F-G			F		P	G
sicklepod	P	P	P	P	P	P		P		G-E	G-E
smartweed	P			G	G			P-F		G-E	G
urkfgt"tqygt	P	P	P	G							
urwtig"ur r0	P	P-F	P-F					G-E			
velvetleaf	P	P	P	P-F	G-E			F		F	F-G
wild poinsettia	P	P	P	E	G-E			P-F		F	G
wild radish	P	P	P	E		P			P-F	F	G

Abbreviations:

G'ó"Gzegmgp"\*@";2 ' +

G – Good (80-89%)

F – Fair (70-79%)

R'ó"Rqqt"\*>"92 ' +

kh"pq"ngvgt"ku"ikxgp."tгурqpug"ku"wpmpqyp0

PPI = Pre-plant Incorporated,

PRE = Pre-emergence.

<sup>1</sup> Tcvkpi u" hqt" Rwtuwkv" RRR" cpf" RTG" ctg" uk o kncf0

<sup>2</sup> Tcvkpi u" hqt" F wcn. "Ncuuq." cpf" QwvqqlmRtqr gn" RTG" cpf" CE" ctg" uk o kncf0 Ugg" tg o ctmu" hqt" cf fkvkqpcn" kphqt o cvkqp0

<sup>3</sup> Vjg" i gpgtke" hqt o wncvkqpu" qh" metolachlor" Rctcnnn" REU. "Uvcn y ctv. "Og/Vqq/Ncejnqt+" jcxg" pqv" rtqxfgf" vjg" uc o g" ngpi vj" qh" tgukfwcn" eqpvtqn" qh" egtvckp" yggfu" cu" uk o kncf" tcvgu" qh" F wcn" Oeipw o" hqt o wncvkqpu" kp" uq o g" W I C" Lgnf" vtken0

<sup>4</sup> \kfwc" ujqwnf" pqv" dg" cr rnkf" RTG" kp" rgepww" fwg" vq" r qvqvkcn" kplwt { "eqpegtpu0" \kfwc" rtqxfgf" tgukfwcn" eqpvtqn" qh" egtvckp" yggfu" y jgp" vcpm/ okzgf" ykvj" RQUV" jgtckefgu" uwe j" cu" Ecf tg. "Eqdte. "qt" Wwvte" Dnc | gtl

<sup>5</sup> Eq o o gtekm { "cxckncdng" cu" J gn o swcv. "Hktguvqt o" qt" Rctc | qpg" qt" I tc o qzqpg" UN0







# SUMMARY OF PEANUT GRASS HERBICIDES


## SUGGESTED HERBICIDE PROGRAMS FOR THE CONTROL OF TROPICAL SPIDERWORT (BENGHAL DAYFLOWER) IN PEANUT\*\*\*:

### PROGRAM 1

- a) PRE Immediately After Planting: Xcnqt"cv"5"q|lC" - "Fwcn"Ocipwo"9084GE"qt"igpgtke"metolachlor (Stalwart, Parallel PCS, Me-Too-Lachlor) at 1 pt/A or Warrant 3ME at 3 pt/A and
- b) POST when spiderwort is 1-2" tall: EcftglKorqug"4CU"cv"6"q|lC"qt"Uvtqpieto":6YI"cv"2067"q|lC" - "Fwcn"Ocipwo"9084GE"qt"igpgtke"metolachlor\*Uvcnyctv."Rctcmgn"REU."Og/Vqq/Ncejnqt+"cv"3"rvlC"qt"Ycttcpv"5OG"cv"5"rvlC"qt"\kfwc"6039UE"B"4067"q|lC" , "Cv"rncpv"crnkckqpu"qh"Fwcn"qt"Ycttcpv"ctg"oqtg"ghhgvkxg"ht"VUYIDF"eqpvtq"cv"ncvgt"rgcpwv"rncpvkpi"fcvgu"\*Oc{"37"qt"ncvgt+"dgecwug"vjg"oqltkv{"qh"ogti gpeg"qeewtu"chvgt"Lwpg"30

### PROGRAM 2

- a) AT-CRACK (within 28 days after peanut cracking): Crrn{"reteswcv"4UN"htqto"wnckqpu"cv"34"q|lC""C"qt"reteswcv"5UN"htqto"wnckqpu"cv": "q|lC"Uvqto"6GE"cv"38"q|lC"qt"Dcuictcp"6GE"B": "q|lC" - "Fwcn"Ocipwo"9084GE""qt"igpgtke"metolachlor(Stalwart, Parallel PCS, Og/Vqq/Ncejnqt+"cv"3"rvlC"qt"Ycttcpv"5OG"cv"5"rvlC"qt"\kfwc"6039UE"B"4067"q|lC""and
- b) POST (~2-3 weeks after at-crack spray): Crrn{"EcftglKorqug"4CU"cv"6"q|lC"qt"Uvtqpieto":6YI"cv"2067"q|lC" - "Fwcn"Ocipwo"9084GE" or generiametolachlor\*Uvcnyctv."Rctcmgn"REU."Og/Vqq/Ncejnqt+"cv"3"rvlC"qt"Ycttcpv"5OG"cv"5"rvlC"qt"\kfwc"6039UE"B"4067"q|lC"0

, "Yjgp"wukpi"Fwcn"Ocipwo"qt"igpgtke"metolachlorPOST in combination with Cadre/Imposaraquat, or Strongarm, additional spray cflwxcpvu"\*PKU."EQE+"ctg"pqv"pgeguuct{"0"

Vjg"oczko"wo"coqwpvlC{l"get"qh"Fwcn"Ocipwo"vjcv"ecp"dg"crnkgf"ku"40":rvlC0"Vjg"oczko"wo"coqwpvlC{l"get"qh"Uvcnyctv." Parallel PCS, or Me-To-Lachlor that can be applied is 2.66 pt/A.

Vjg"oczko"wo"coqwpv"qh"Ycttcpv"vjcv"ecp"dg"crnkgf"RTG" - "RQUV"ku"8"rvlC{l"get"0"

Oczko"wo"coqwpv"qh"\kfwc"vjcv"ecp"dg"crnkgf"ku"6"q|lC{l"get"qh":7YI"qt"807"q|lC{l"get"qh"6039UE0"

Yjgp"Ycttcpv"qt"\kfwc"ku"crnkgf"RQUV."c"PKU"\*2047" 'xlx+"ku"pggfgf0

\*\* Zidua should not be applied prior to peanut emergence due to potential injury concerns.

7ZLQ URZV DQG FRQYHQWLRQDO WLOODJH SORZLQJ DUH DOVR XVHIXO IRU WKH PDQDJ





