

# HERBICIDE USE GUIDELINES WITH COUNTER® 20G INSECTICIDE

AMVAC® has a full line-up of systemic and non-systemic granular soil insecticides to meet the specific growing conditions and needs for the acres you farm.

AZTEC®, SmartChoice® and COUNTER® brand insecticides contain an organophosphate (OP) insecticide class of chemistry.

AZTEC and SmartChoice are non-systemic, controlling below ground insects without negative interaction with either soil-applied or postemergence corn herbicides.

The OP chemistry in **COUNTER 20G** is unique, featuring systemic and contact activity that controls insects above ground as well as below ground early season insects and

nematodes residing in or on the corn plant. Neither seed treatments nor traits can deliver the level of control or pest spectrum that **COUNTER 20G** provides.

However, this systemic nature creates the potential for interaction with certain herbicides resulting in labeled herbicide use restrictions in corn.

While it is important to manage your herbicide program carefully when using **COUNTER 20G**, many corn herbicides may be safely applied prior to or following **COUNTER 20G** at-planting. Always read and follow the **COUNTER 20G** product label before applying. Refer to the use recommendations and labeled restrictions on any corn herbicides.

## Corn herbicides at timings listed below, may be used with COUNTER 20G applied at-plant<sup>1</sup>:

Corn Herbicide	EPA Reg No	Timing	Corn Herbicide	EPA Reg No	Timing
Acuron®	100-1466	PP/PRE	Harness® Xtra	524-480	PP/PRE/POST
Acuron® Flexi	100-1568	PP/PRE	Harness® Xtra 5.6L	524-485	PP/PRE/POST
Acuron® GT	100-1675	PP/PRE	Impact Core®	5481-648	POST
Aim® EW	279-3242	PP/POST	Impact®	5481-524	POST
Anthem®	279-3450	PP/PRE/POST	ImpactZ®	5481-612	POST
Anthem® ATZ	279-3449	PP/PRE/POST	Kyber®	59639-236	PP
Anthem® Flex	279-3464	PP/PRE/POST	Kyro®	62719-766	POST
Anthem® Maxx	279-3468	PP/PRE/POST	Laudis®	264-860	POST
Armezon®	7969-262	PP/PRE/POST	Lexar® brands	100-1414	PP/PRE
Armezon® Pro	7969-372	PP/PRE/POST	Liberty® 280SL	7969-448	PP/POST
atrazine	many	PP/PRE/POST	Lumax® brands	100-1442	PP/PRE
Axiom®	264-766	PP/PRE	Marksman®	7969-136	PRE/POST
Balance® Flexx	264-1067	PP/PRE/POST	Maverick® Corn	59639-255	PP/PRE
Balance® Pro	264-600	PP/PRE	Outlook®	7969-156	PP/PRE/POST
Bicep II Magnum®	100-817	PP/PRE/POST	Perpetuo®	59639-242	PP/PRE/POST
Bicep Lite II Magnum®	100-827	PP/PRE/POST	Prowl® 3.3 EC	241-337	PP/PRE/POST
Buctril®	264-437	POST	Prowl® H2O	241-418	PP/PRE/POST
Buctril® 4EC	264-540	POST	Resicore®	62719-693	PP/PRE
Cadet®	279-3338	PP/POST	Resicore® XL	62719-756	PP/PRE
Calibra®	100-1673	PP/PRE	Resource®	59639-82	POST
Cinch®	352-625	PP/PRE/POST	Restraint®	71512-46-88783	PP/PRE/POST
Cinch® ATZ	352-624	PP/PRE/POST	Sequence®	100-1185	PP/PRE/POST
Cinch® ATZ Lite	352-623	PP/PRE/POST	Sequence® CS	100-1618	PP/PRE/POST
Degree Xtra®	524-511	PP/PRE/POST	Shieldex®	71512-29-88783	POST
DiFlexx®	264-1173	PP/PRE/POST	simazine	many	PP/PRE
DiFlexx® Duo	264-1184	PP/PRE/POST	Sinate®	5481-637	POST
Distinct®	7969-150	PP	Status®	7969-242	POST
Dual II Magnum®	100-818	PP/PRE/POST	Stinger®	62719-73	POST
Dual Magnum®	100-816	PP/PRE/POST	Stinger® HL	62719-747	POST
Enlist Duo®	62719-649	PP/PRE/POST	Storen®	100-1735	PP/PRE
Enlist One®	62719-695	PP/PRE/POST	Surpass® EC	62719-367	PP/PRE/POST
Fierce®	59639-193	PP	Surpass® NXT	62719-672	PP/PRE/POST
Fierce® EZ	59639-237	PP	TopNotch®	62719-369	PP/PRE/POST
Fierce® MTZ	59639-236	PP	Valor®	59639-99	PP
FirstShot®	279-9609	PP	Valor® EZ	59639-221	PP
FulTime® NXT	62719-668	PP/POST	Valor® SX	59639-99	PP
glyphosate	many	PP/POST	Warrant®	524-591	PP/PRE/POST
Harness®	524-473	PP/PRE/POST	Zidua®	7969-338	PP/PRE/POST
Harness® Max	524-636	PP/PRE	Zidua® SC	7969-374	PP/PRE/POST

<sup>1</sup>These lists are not inclusive of all corn herbicides or application timings. Read and follow label restrictions of any herbicide before using in conjunction with COUNTER 20G at planting. Interactions of certain herbicides with COUNTER 20G may occur under adverse growing conditions which can cause significant injury to corn. Labels can be found at the manufacturer's websites. For more information about COUNTER 20G use with corn herbicides, contact your local agricultural chemical retailer or AMVAC representative at 1-888-462-6822, or visit AMVAC.com. (PP – preplant, PRE – preemergence, POST – postemergence)

## Potential Herbicide Interactions With COUNTER 20G At-Plant

Significant corn injury may result from COUNTER 20G use with select corn herbicides. Avoid using the herbicides and application timings below if COUNTER 20G (terbufos) was applied at-plant:

- mesotrione – applied postemergence
- saflufenacil – applied 30 days or less preplant
- ALS inhibitors (HRAC<sup>1</sup> group 2) – Do Not Use.
  - Examples: flumetsulam, halosulfuron, nicosulfuron, primisulfuron, prosulfuron, rimsulfuron, thiencazabzone-methyl or thifensulfuron

COUNTER 20G may be safely applied to corn 7 days after postemergence application of:

- mesotrione
- ALS inhibitors (HRAC group 2).

Impact<sup>®</sup> Herbicide, ImpactZ<sup>®</sup> Herbicide, Impact Core<sup>®</sup> Herbicide and Sinate<sup>®</sup> Herbicide **MAY BE USED** in conjunction with **COUNTER 20G** or any soil insecticide without corn injury.

### DO NOT use corn herbicides at timings listed below, with COUNTER 20G applied at-plant<sup>2</sup>:

Corn Herbicide	EPA Reg No	Timing
mesotrione		Post
saflufenacil		30 days PP or less
ALS inhibitors (HG 2)		PP/PRE/POST
Accent <sup>®</sup> Q	352-773	POST
Accent <sup>®</sup> XP	352-817	POST
Acuron <sup>®</sup>	100-1466	POST
Acuron <sup>®</sup> Flexi	100-1568	POST
Acuron <sup>®</sup> GT	100-1675	POST
Basis <sup>®</sup> Blend	352-854	PRE/POST
Beacon <sup>®</sup>	10163-376	POST
Calibra <sup>®</sup>	100-1673	POST
Callisto <sup>®</sup>	100-1131	POST
Callisto <sup>®</sup> GT	100-1470	POST
Callisto <sup>®</sup> Xtra	100-1359	POST
Capreno <sup>®</sup>	264-1063	PRE/POST
Corvus <sup>®</sup>	264-1066	PP/PRE/POST
Crusher <sup>®</sup>	279-3589	PP/PRE
Explorer <sup>®</sup>	100-1282	POST
Gambit <sup>®</sup>	81880-27-10163	POST
Halex <sup>®</sup> GT	100-1282	POST
Harmony <sup>®</sup> GT XP	279-9577	POST
Harmony <sup>®</sup> SG	279-9595	POST
Harness <sup>®</sup> Max	524-636	POST
Hornet <sup>®</sup>	5481-678	PP/PRE/POST
Instigate <sup>®</sup>	352-873	PP/PRE
Leadoff <sup>®</sup>	352-853	PP/PRE
Lexar <sup>®</sup> EZ	100-1414	PP/PRE

Corn Herbicide	EPA Reg No	Timing
Lumax <sup>®</sup> EZ	100-1442	PP/PRE
Matrix <sup>®</sup>	352-768	PP/PRE/POST
Maverick <sup>®</sup> Corn	59639-255	POST
Panoflex <sup>®</sup>	279-9619	PP/PRE
Peak <sup>®</sup>	10163-380	POST
Permit <sup>®</sup> Plus	81880-26	POST
Prequel <sup>®</sup>	352-779	POST
Python <sup>®</sup>	5481-677	PP/PRE/POST
Realm <sup>®</sup> Q	352-837	PP/PRE/POST
Resicore <sup>®</sup>	62719-693	POST
Resicore <sup>®</sup> XL	62719-756	POST
Resolve <sup>®</sup> Q	352-777	PP/PRE/POST
Resolve <sup>®</sup> SG	352-748	PP/PRE/POST
Revulin <sup>®</sup> Q	352-900	POST
Sandea <sup>®</sup>	81880-18	POST
Sharpen <sup>®</sup>	7969-278	PP/PRE
Solstice <sup>®</sup>	279-3461	POST
Steadfast <sup>®</sup> Q	352-774	POST
Steadfast <sup>®</sup> XP	352-816	POST
Storen <sup>™</sup>	100-1735	POST
SureStart <sup>®</sup>	62719-570	PP/PRE/POST
SureStart <sup>®</sup> II	62719-679	PP/PRE/POST
TripleFLEX <sup>®</sup>	524-614	PP/PRE/POST
TriVolt <sup>®</sup>	264-1211	PP/PRE/POST
Verdict <sup>®</sup>	7969-279	PP/PRE
Verdict <sup>®</sup> Trio	7969-457	PP/PRE
Yukon <sup>®</sup>	81880-6	POST

<sup>1</sup>Herbicides – Herbicide Resistance Action Committee (HRAC) Mode of Action Group Classification

<sup>2</sup>These lists are not inclusive of all corn herbicides or application timings. Read and follow label restrictions of any herbicide before using in conjunction with COUNTER 20G at planting. Interactions of certain herbicides with Counter 20G may occur under adverse growing conditions which can cause significant injury to corn. Labels can be found at the manufacturer's websites. For more information about COUNTER 20G use with corn herbicides, contact your local agricultural chemical retailer or AMVAC representative at 1-888-462-6822, or visit AMVAC.com. (PP – preplant, PRE – preemergence, POST – postemergence)

See our entire line of products at [AMVAC.com](http://AMVAC.com)

Connect to the most recent  
**Herbicide Use Guidelines**  
with **COUNTER<sup>®</sup> 20G**  
**Insecticide**

