



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 27, 2021

Christopher Davis
Registration Manager
AMVAC Chemical Corporation
4695 MacArthur Ct., Ste 1200
Newport Beach, CA 92660

Subject: Label Amendment – Addition of Alternate Brand Name, addition of SMARTCARTRIDGE packaging instructions, and various label edits
Product Name: COUNTER 20G
EPA Registration Number: 5481-562
Application Date: October 17, 2019
Decision Number: 557765

Dear Mr. Davis:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling.

The alternate brand name COUNTER 20G SMARTCARTRIDGE has been added to the product record.

You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false

Page 2 of 2
EPA Reg. No. 5481-562
Decision No. 557765

or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact David Gardner by phone at (703) 347-8599, or via email at gardner.david@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Shanta Adeeb". The signature is written in a cursive, flowing style.

Shanta Adeeb, Product Manager 10
Invertebrate-Vertebrate Branch 2
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

RESTRICTED USE PESTICIDE

Due to Acute Oral, Dermal and Inhalation Toxicity and Risks to Aquatic Organisms and Wildlife.

For retail sale to, and use only by Certified Applicators or persons under the direct supervision of a Certified Applicator, and only for those uses covered by the Certified Applicator's certification.

ACCEPTED

04/27/2021

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5481-562

TERBUFOS

GROUP

1B

INSECTICIDE

COUNTER® 20G

SYSTEMIC INSECTICIDE – NEMATICIDE

FOR USE IN FIELD CORN, FIELD CORN GROWN FOR SEED, POPCORN, SWEET CORN, SUGAR BEETS, AND GRAIN SORGHUM

ACTIVE INGREDIENT:

By Weight

Terbufos: S-[[[(1,1-dimethylethyl)thio]methyl]O,0-diethyl phosphorodithioate 20.0%

INERT INGREDIENTS: 80.0%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER! PELIGRO!

☠ POISON ☠

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

Organophosphate (a cholinesterase inhibitor)

CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED POISONING

If swallowed	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to by a poison control center or doctor. DO NOT give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Repeated inhalation or skin contact may, without symptoms, progressively increase susceptibility to poisoning.

Antidote: Atropine is an antidote

EMERGENCY INFORMATION

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:

For Medical Emergencies phone:.....1-888-681-4261

For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC®.....1-800-424-9300

For Product Use Information, phone: AMVAC®.....1-888-462-6822

See inside for PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, STORAGE AND DISPOSAL, and LIMITED WARRANTY AND DISCLAIMER.

EPA Reg. No. 5481-562EPA Est. No. _____



AMVAC Chemical Corporation
4695 MacArthur Court, Suite 1200
Newport Beach, CA 92660 U.S.A.



NOTE TO PHYSICIANS

Warning signs and symptoms include weakness, muscle twitching, headache, tightness in chest, respiratory depression, blurred vision, miosis, hypersecretion, nausea, vomiting, diarrhea, and abdominal cramps. If poisoning is probable, treat the patient immediately. Clear airway and provide oxygen before administering atropine. Give atropine intravenously (IV), intramuscularly or through an alternative route such as an endotracheal tube. Depending on severity of poisoning, use 2 to 4 milligrams IV in adults (or 0.05 mg/kg in children under 12 years) every 10-15 minutes until fully atropinized as shown primarily by control of pulmonary secretions. Proceed concurrently with decontamination using proper protective gear; for example, chemical-resistant gloves rather than cotton or leather ones. Use soap (preferably, tincture of green soap) and water, or a dilute hypochlorite solution, for decontaminating skin. Maintain atropinization by repeated doses based on recurrence of symptoms. Twenty to thirty milligrams, or more, may be required during the first 24 hours, and preservative-free atropine preparation should be used if large doses are required. Generally, inducing emesis is not advisable. Avoid opiates, parasympathomimetic agents (e.g. succinylcholine), theophylline, reserpine, and or phenothiazines. Suction oral secretions and emesis to avoid aspiration. Artificial respiration or oxygen administration may be necessary. Probable mucosal damage may contraindicate the use of gastric lavage. If not contraindicated, gastric emptying by lavage may be considered after ingestion of a potentially life-threatening amount if it can be performed soon after ingestion (within an hour). A slurry of activated charcoal may be medically warranted at an oral dose appropriate for adult, child, or infant. For seizures, give a benzodiazepine intravenously. Observe patient continuously for at least 72 hours. Allow no further exposure until cholinesterase regeneration has taken place as determined by blood tests.

Pralidoxime chloride (2-PAM; PROTOPAM chloride) appears to be an effective adjunct to atropine, especially in those severely ill and if given soon. Before it's administered, obtain a blood sample for cholinesterase analysis. Adjusting for age and weight, pralidoxime may be administered as a continuous infusion after a loading dose or using a bolus method.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER!

Fatal if swallowed, inhaled, or absorbed through the skin. Corrosive. Causes irreversible eye damage. **DO NOT** get in eyes, on skin, or on clothing. **DO NOT breathe dust.**

Keep Out of Reach of Domestic Animals.

WORK SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SENSITIVITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point, no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal.

Before using this product, consult the National Pesticide Information Center for recommendations regarding such blood tests, poisoning management, emergency treatment, and other information regarding the toxicity of terbufos. The toll-free number for the National Pesticide Information Center is 1-800-858-7378.

If handled indoors, provide mechanical exhaust ventilation.

Keep all unprotected persons, children, livestock, and pets away from treated areas or where there is danger of drift.

DO NOT rub eyes or mouths with hands. If you feel sick in any way, STOP work and get help right away. See **FIRST AID** section.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are those made of waterproof material..

Loaders, applicators and other handlers using engineering controls must wear:

- Long-sleeved shirt and long pants

- Shoes plus socks
- Protective eyewear

In addition to the above, loaders must also wear:

- Chemical-resistant gloves (such as those made of waterproof material)
- Chemical-resistant apron
- See engineering controls for additional requirements

IMPORTANT: All other handlers performing tasks such as spill clean up or equipment cleaning, for which engineering controls are not feasible must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves
- Protective eyewear
- A minimum of an NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and a combination N, R, or P filter; OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved powered air-purifying respirator with OV cartridges and combination HE filters. Chemical-resistant apron if exposed to concentrate

Follow manufacturer’s instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash all PPE after each day’s use.

DO NOT reuse contaminated clothing. Clothing and protection equipment heavily contaminated must be destroyed according to state and local regulations. HEAVILY CONTAMINATED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

ENGINEERING CONTROLS

This product is formulated into an enclosed [LOCK’N LOAD / SMARTBOX / SMARTCARTRIDGE] system that meets the definition of a closed loading system in the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(4)]. In addition to wearing the required PPE specified above for loaders must be provided, must have immediately available, and must wear in case of a broken package, spill or equipment breakdown: coveralls, chemical-resistant footwear plus socks, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

Applicators must use an enclosed cab that meets the definition in the Worker Protection Standard for Agricultural Pesticides for dermal protection. In addition, the applicator:

- Must wear the PPE required for handlers using engineering controls.
- Must either use an enclosed cab that also provides equivalent respiratory protection to an organic vapor-removing respirator or wear a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23G), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH- approved respirator with an organic vapor (OV) cartridge, or canister with any N, R, P or HE prefilter.
- Must be provided with, must have immediately available for use, and must wear if they must exit the cab in the treated area: coveralls, chemical-resistant gloves, chemical-resistant footwear plus socks, and if using an enclosed cab that provides respiratory protection, respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge, or canister with any N, R, P or HE prefilter.
- Must take off any PPE that was worn in the treated area before reentering the cab.
- Must store all such PPE in a chemical-resistant container such as a plastic bag, to prevent contamination inside of the cab.

USER SAFETY RECOMMENDATIONS

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

FAILURE TO FOLLOW PRECAUTIONS INCLUDING WEARING PROPER PERSONAL PROTECTIVE EQUIPMENT (PPE) MAY RESULT IN SERIOUS OR EVEN LIFE-THREATENING POISONING REQUIRING IMMEDIATE MEDICAL ATTENTION. THE ACTIVE INGREDIENT OF THIS GRANULAR FORMULATION CAN BE ABSORBED THROUGH THE SKIN TO CAUSE POISONING.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife and has been known to cause fish kills. Runoff may be hazardous to aquatic organisms in neighboring areas. **DO NOT** apply directly to water or to areas where surface water is present or to intertidal areas below the mean

high water mark. **DO NOT** contaminate water when disposing of equipment wastewater or rinsate. See **DIRECTIONS FOR USE** for required buffer zones or setbacks. Birds and mammals may be killed if granules are not properly covered with soil in all areas of the treated field and in loading areas. Cover, incorporate or clean up product that is spilled during loading or that is visible on the soil surface in turn areas.

DO NOT apply in wet soil conditions that may prevent the equipment from covering pesticide granules. **DO NOT** apply to frequently flooded areas.

Under certain field and weather conditions, terbufos and its degradates have a potential for runoff into surface water for several weeks following application. Keep out of lakes, ponds, and streams.

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation. This label must be in the possession of the user at the time of pesticide application.

Language required ONLY when packaged in SMARTBOX:

Please refer to the SMARTBOX operator's manual for detailed information on system operation and calibration procedures.

Language required ONLY when packaged in SMARTCARTRIDGE:

Please refer to the operator's manual for detailed information on system operation and calibration procedures for systems capable of using the SMARTCARTRIDGE container.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of **48 hours**. The REI is increased to **72 hours** in areas where average rainfall is less than 25 inches a year.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof materials
- Chemical-resistant footwear plus socks
- Protective eyewear

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

RESTRICTIONS

BEFORE USING, READ PRECAUTIONARY STATEMENTS AND ENVIRONMENTAL HAZARDS.

- DO NOT contaminate food or feed products.
- DO NOT use or store in or around home.
- Keep out of reach of Domestic Animals.

Loader and applicator requirements to minimize the potential for runoff to surface water:

- Maintain a 500 ft vegetative buffer between treated area and surface water on neighboring land.
- Maintain a 500 ft buffer between a standpipe drain outlet and surface water on neighboring land.

- Maintain a 66 ft setback between the treated area and entry points to surface water bodies on non-highly erodible soils.
- Maintain a 300 ft setback between the treated area and entry points to surface water bodies on highly erodible soils (HES).
- Maintain a 66 ft setback between treated area and standpipes on terraced fields as well as a 66 ft vegetative buffer between the tile outlet and entry points to surface water bodies.

All setbacks must be planted to a crop or seeded with grass or other suitable cover, and all vegetative buffers must be seeded with grass or other suitable cover.

DO NOT load, rinse, or wash equipment within 300 ft from surface water bodies.

DO NOT load, rinse, or wash equipment within 50 ft from wells unless conducted on an impervious surface.

To prevent channeling of surface water runoff, adjust the planter row-cleaners appropriately to prevent rows lower in height than adjacent soil.

PRECAUTIONS

- Once a container has been attached to the hopper, it is recommended that it be used completely. Make sure the hoppers are emptied while still in the field. Refer to Storage and Disposal statements for further instructions. [**for reviewer:** for use with SMARTBOX and LOCK’N LOAD containers only; not with SMARTCARTRIDGE]
- 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.

AGRICULTURAL USE TABLE

Restriction: DO NOT apply more than one application per year for each of the listed crops.

Crops	Pests Controlled	Rate of Counter® 20G Systemic Insecticide Nematicide	Application	Remarks
FIELD CORN FIELD CORN GROWN FOR SEED, POPCORN AND SWEET CORN At Planting	Corn Rootworm larvae ¹ Wireworms White Grubs Seedcorn Maggots Seedcorn Beetles Corn Flea Beetles Grape Colaspis Maize Billbugs Southern Corn Billbugs Thrips Symphylans Chinchbugs ² Nematodes ³ : Lance Lesion Root Knot Spiral Stunt Sting Stubby root Dagger Suppression of: Cutworms ⁴ Lesser Cornstalk Borers	Banded or In-Furrow 4.5 to 6 ^{1,3} oz. per 1,000 ft. of row for any row spacing. DO NOT exceed 6.5 pounds of Counter 20G per acre.	Banded Place granules in a 4 to 5-inch band over the open seed furrow, in front of the presswheel and incorporate evenly into the top 1 inch of the soil. In-Furrow Place granules directly into the open seed furrow behind the planter shoe, so that granules are completely covered with soil.	For use on conventional, conservation, or no-till corn. In situations where crop debris or winds can prevent proper placement of granules, in-furrow applications are recommended. In-furrow applications reduce the potential for insecticide runoff resulting from excessive rain. Adjust the presswheel so that the closed seed furrow is higher than the surrounding soil to reduce the potential for insecticide run-off resulting from excessive rain. ¹ Counter 20G at 6 oz per 1,000 ft. of row controls southern, northern, western, and Mexican corn rootworm larvae. A reduced rate of 4.5 oz per 1000 ft of row should only be used on first-year corn where low to moderate rootworm populations are expected. ² For use in the states of Alabama, Florida, Georgia, Louisiana, Mississippi and Texas only for early season control of light to moderate

				<p>infestations.</p> <p>³Counter 20G at 6 oz per 1,000 ft. of row controls the listed nematode species. Rates less than 6 oz per 1,000 ft. of row are recommended for suppression only.</p> <p>⁴Under heavy cutworm infestations, it may be necessary to apply a rescue treatment with an appropriate foliar insecticide after corn emergence to control surviving cutworm larvae.</p> <p>If application is made at planting, do not make postemergence or cultivation time treatments of Counter 20G</p> <p>Restriction: ALS inhibitor (HRAC group 2)*, mesotrione (postemergence applied) and saflufenacil containing herbicides MUST NOT be used if Counter 20G has been applied to corn at the time of planting unless specified otherwise by the herbicide label. See additional information for “at cultivation” applications.</p> <p>Restriction: DO NOT graze or cut for forage within 30 days of treatment.</p>
Postemergence Incorporated (Same as crops above)	Maize billbugs Southern corn billbugs	Banded 6 oz. per 1,000 ft. of row for any row spacing. DO NOT exceed 6.5 pounds of Counter 20G per acre.	Apply in a 7 inch band over the row of seedling corn plants when billbugs or damage are observed, usually in the 1 to 6 leaf stage of growth. Use cultivators or other suitable implement to lightly incorporate granules into soil.	<p>Only one at-planting, postemergence incorporated, or cultivation-time treatment of Counter 20G may be used on field corn and field corn grown for seed, popcorn, and sweet corn.</p> <p>Consult your state experiment station, state extension service or certified pest management specialist for proper timing of application.</p> <p>Restriction: DO NOT harvest sweet corn within 60 days after application.</p> <p>Restriction: DO NOT graze or cut for forage within 30 days of treatment.</p>
FOR FIELD CORN ONLY (Excluding Field Corn Grown For Seed) At Cultivation	Corn rootworms	6 oz. per 1,000 ft. of row for any row spacing. DO NOT exceed 6.5 pounds of Counter 20G per acre.	Apply granules to base of plants just ahead of cultivation shovels so as to cover granules with soil.	<p>Restriction: DO NOT graze or cut for forage within 30 days of treatment.</p> <p>Counter 20G may be applied 7 days after postemergence application of ALS-inhibitor* and mesotrione containing herbicides</p>

*Such as flumetsulam, foramsulfuron, halosulfuron, imazapyr, imazethapyr, nicosulfuron, primisulfuron, prosulfuron, rimsulfuron and thien carbazon-methyl.

Crops	Pests Controlled	Rate of Counter® 20G Systemic Insecticide Nematicide	Application	Remarks
ONLY ONE APPLICATION OF COUNTER 20G PER YEAR MAY BE MADE FOR SUGAR BEETS.				
SUGAR BEETS At Planting	Sugar beet root maggots ⁵ Sugar beet leafhopper ⁶ Aphids ⁶ Wireworms ⁵ White Grubs ⁵ Crown borer	Banded or Modified In-Furrow 3-6 oz. per 1,000 ft. of row for any row spacing (minimum 20 inch row spacing) or no more than 9.8 lbs. of Counter 20G per acre.	Modified In-Furrow Apply in-furrow at planting time 2-3 inches behind the seed drop zone after some soil has covered the seed.	At Planting Restriction: DO NOT place granules in direct contact with the seed or crop injury may occur. Power incorporation may be used. Restriction: DO NOT incorporate deeper than 2 inches. ⁵ If especially heavy infestations are expected, use the 6 oz. rate.
	Suppression of: Cutworms	Banded 6 oz. per 1,000 ft. of row for any row spacing (minimum 20 inch row spacing) or no more than 9.8 lbs. of Counter 20G per acre.	Banded Apply in 5 to 7 inch band over the row and lightly incorporate into the soil with drag chains or tines.	⁶ Modified in-furrow only at the 6 oz. rate. Restriction: DO NOT harvest sugar beets or feed tops to livestock within 150 days of a knifed-in application
	Suppression of: Sugar beet cyst nematode Control of: Sugar beet leafhopper Aphids	Knifed-in 6 oz. per 1,000 ft. of row for any row spacing (minimum 20 inch row spacing) or no more than 9.8 lbs. of Counter 20G per acre.	Knifed-In Drill granules 2 inches to the side of the seed and 2 to 4 inches below the seed.	
SUGAR BEETS Postemergence	Sugar beet root maggots Sugar beet leafhopper Aphid Sugar beet root aphid Crown borer ⁷	Banded 3-6 oz. per 1,000 ft. of row for any row spacing (minimum 20-inch row spacing).	Banded Apply in 5 to 7 inch band over the row and lightly incorporate into the soil with cultivation shovels or other suitable implement.	Postemergence For sugar beet root maggot control apply at the time of first fly emergence. Restriction: DO NOT harvest sugar beets or feed tops to livestock within 90 days after at planting banded, at planting modified in-furrow or postemergence banded applications. ⁷ Postemergence – apply Counter 20G at the first sign of crown borer infestation.
ONLY ONE APPLICATION OF COUNTER 20G PER YEAR MAY BE MADE FOR GRAIN SORGHUM.				

GRAIN SORGHUM At Bedding	Greenbugs Corn leaf aphids	Knifed-in 5.2 oz. per 1,000 ft. of row for any row spacing (minimum 20 inch row spacing) or no more than 8.4 lbs. of Counter 20G per acre.	Knifed-in Drill granules 1-4 inches below the seed OR 1-4 inches below the seed and up to 5 inches to the side of the seed.	Restriction: DO NOT place granules in direct contact with seed as crop injury may occur. Restriction: DO NOT graze or harvest grain sorghum forage within 50 days after treatment. Restriction: DO NOT harvest grain sorghum fodder or grain within 100 days after treatment.
GRAIN SORGHUM At Planting	Corn rootworms including: Southern corn rootworms Wireworms White Grubs Nematodes Greenbugs Corn leaf aphids Chinchbugs ⁹	Banded 5.2oz. per 1,000 ft. of row for any row spacing (minimum 20 inch row spacing) or no more than 8.4 lbs. of Counter 20G per acre.	Banded⁸ Place granules in a 5 to 7 inch band directly behind the planter shoe in front of the press wheel and lightly incorporate with drag chains or tines.	⁸ Restriction: DO NOT use banded applications for aphid control in New Mexico, west Texas and the panhandle of Oklahoma. Restriction: DO NOT graze or harvest grain sorghum forage within 50 days after treatment. Restriction: DO NOT apply Counter 20G if a saflufenacil containing herbicide was applied within 30 days. ALS-inhibitor (HRAC group 2)* containing herbicides MUST NOT be used if Counter 20G has been applied to sorghum at the time of planting unless specified otherwise by the herbicide label. Restriction: DO NOT harvest grain sorghum fodder or grain within 100 days after treatment. ⁹ For use in the states of Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi and Texas only for early season control of light to moderate infestations.
	Greenbugs Corn leaf aphids	Knifed-in 5.2 oz. per 1,000 ft. of row for any row spacing (minimum 20 inch row spacing) or no more than 8.4 lbs. of Counter 20G per acre.		Restriction: DO NOT place granules in direct contact with seed as crop injury may occur. Restriction: DO NOT graze or harvest grain sorghum forage within 50 days after treatment. Restriction: DO NOT apply Counter 20G if a saflufenacil containing herbicide was applied within 30 days. ALS-inhibitor (HRAC group 2)* containing herbicides MUST NOT be used if Counter 20G has been applied to sorghum at the time of planting unless specified otherwise by the herbicide label. Restriction: DO NOT harvest grain sorghum fodder or grain within 100

				days after treatment.
--	--	--	--	-----------------------

*Such as imazamox and nicosulfuron.

Use Rates as Pounds per Acre* (based on various row spacing and application rates)			
Row Width (Inches)	Application Rates (oz/1,000 ft. of row)		
	3 oz.	4 oz.	6 oz.
40"	2.5	3.3	4.9
38"	2.6	3.4	5.2
36"	2.7	3.6	5.4
34"	2.8	3.9	5.6
32"	3.1	4.1	6.1
30"	3.3	4.4	6.5
28"	3.5	4.7	7.1
26"	3.8	5.0	7.6
24"	4.1	5.4	8.2
22"	4.5	5.9	8.9
20"	4.9	6.5	9.8

*See directions for specific use rates on each crop.

CALIBRATION INFORMATION

Language required ONLY when packaged in LOCK'N LOAD:

It is important that applicator equipment be properly set to deliver the labeled rate. Please refer to planter manufacturer for detailed information on appropriate gauge settings and calibration procedures.

Language required ONLY when packaged in SMARTBOX:

Please refer to the SMARTBOX operator's manual for detailed information on system operation and calibration procedures.

Language required ONLY when packaged in SMARTCARTRIDGE:

Please refer to the operator's manual for detailed information on system operation and calibration procedures for systems capable of using the SMARTCARTRIDGE container.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store pesticide products in a secure locked area where children, unauthorized persons, and animals cannot enter.

DO NOT store in the same area with food or feed. **DO NOT** store open containers.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. Open dumping is prohibited.

CONTAINER DISPOSAL:

Language required ONLY when packaged in LOCK'N LOAD:

DO NOT DISCARD THE CONTAINER. Do not attempt to open or tamper with the container. Completely empty container into application equipment. Return empty container to point of purchase or call 1-888-GO-AMVAC for instructions. Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Language required ONLY when packaged in SMARTBOX:

DO NOT DISCARD THE CONTAINER. Do not attempt to open or tamper with the container. Completely empty container into application equipment. All SMARTBOX containers must be returned per instructions provided or by calling 1-888-SMARTBOX. Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Language required ONLY when packaged in SMARTCARTRIDGE:

DO NOT DISCARD THE CONTAINER. Do not attempt to open or tamper with the container. All containers must be returned to the retailer that the product was purchased from. Refillable container: Refill this container with insecticide only. Do not reuse this container for any other purpose.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; and (b) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions. THIS WARRANTY DOES NOT EXTEND TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS, OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN TORT, CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

© 2019 AMVAC Chemical Corporation is a wholly owned subsidiary of American Vanguard Corporation. All Rights Reserved. AMERICAN VANGUARD, AMVAC, COUNTER, LOCK'N LOAD, SMARTBOX SMARTCARTRIDGE, AMBUSH, DISCIPLINE and their respective logos are trademarks owned by AMVAC Chemical Corporation. CHEMTREC is a service mark of the American Chemistry Council, Inc.

AMVAC Chemical Corporation
4695 MacArthur Court, Suite 1200
Newport Beach, CA 92660 U.S.A.

[ABN: COUNTER[®] 20G LOCK'N LOAD[®]]

CLOSED LOADING SYSTEM

[ABN: COUNTER[®] 20G SMARTBOX[®]]

CLOSED LOADING SYSTEM

[ABN: COUNTER[®] 20G SMARTCARTRIDGE[™]]

CLOSED LOADING SYSTEM