

DEPARTMENT OF VETERANS AFFAIRS**38 CFR Part 21**

RIN 2900-AJ70

Veterans Education: Montgomery GI Bill—Active Duty; Administrative Error

AGENCY: Department of Veterans Affairs.

ACTION: Final rule.

SUMMARY: This document amends the educational assistance and education benefit regulations of the Department of Veterans Affairs (VA). The amendment clarifies these provisions by stating that when VA, the Department of Defense (DOD), or the Department of Transportation (DOT) makes an administrative error or error in judgment that is the sole cause of an erroneous award under the Montgomery GI Bill—Active Duty, VA must reduce or terminate the award effective the date of last payment.

DATES: *Effective Date:* September 27, 1999.

FOR FURTHER INFORMATION CONTACT: William G. Susling, Jr., Education Advisor, Education Service, Veterans Benefits Administration, 202-273-7187.

SUPPLEMENTARY INFORMATION: This document amends the educational assistance and education benefit regulations. VA, DOD, and DOT may occasionally make an administrative error or error in judgment that causes an overpayment of educational assistance under the Montgomery GI Bill—Active Duty (MGIB). Currently, 38 CFR 21.7135(v) provides that when an administrative error or error in judgment results in an erroneous award of educational assistance under the MGIB, the award will be reduced or terminated effective the date of last payment. This document clarifies these provisions by stating that the regulations cover administrative errors or errors in judgment made by VA, DOD, or DOT when the error is the sole cause of the erroneous award. This interprets statutory authority at 38 U.S.C. 5112(b) and 5113.

Administrative Procedure Act

This document sets forth interpretive provisions. Accordingly, there is a basis for dispensing with notice-and-comment and a delayed effective date under 5 U.S.C. 553.

Executive Order 12866

This final rule has been reviewed by OMB under Executive Order 12866.

Regulatory Flexibility Act

The Secretary of Veterans Affairs hereby certifies that this rule will not have a significant economic impact on a substantial number of small entities as they are defined in the Regulatory Flexibility Act, 5 U.S.C. 601-612. This rule will affect individuals, but it will not affect small entities. Pursuant to 5 U.S.C. 605(b), this rule, therefore, is exempt from the initial and final regulatory flexibility analyses requirements of sections 603 and 604.

The Catalog of Federal Domestic Assistance number for the program affected by this rule is 64.124.

List of Subjects in 38 CFR Part 21

Administrative practice and procedure, Armed forces, Civil rights, Claims, Colleges and universities, Conflict of interests, Defense Department, Education, Employment, Grant programs-education, Grant programs-veterans, Health programs, Loan programs-education, Loan programs-veterans, Manpower training programs, Reporting and recordkeeping requirements, Schools, Travel and transportation expenses, Veterans, Vocational education, Vocational rehabilitation.

Approved: April 13, 1999.

Togo D. West, Jr.,

Secretary of Veterans Affairs.

For the reasons set forth in the preamble, 38 CFR part 21 (subpart K) is amended as set forth below:

PART 21—VOCATIONAL REHABILITATION AND EDUCATION**Subpart K—All Volunteer Force Educational Assistance Program (Montgomery GI Bill—Active Duty)**

1. The authority citation for part 21, subpart K, continues to read as follows:

Authority: 38 U.S.C. 501(a), chs. 30, 36, unless otherwise noted.

2. In § 21.7135, paragraph (v)(2) is revised to read as follows:

§ 21.7135 Discontinuance dates.

* * * * *

(v) * * *

(2) When VA, the Department of Defense, or the Department of Transportation makes an administrative error or an error in judgment that is the sole cause of an erroneous award, VA must reduce or terminate the award effective the date of last payment.

(Authority: 38 U.S.C. 5112(b), 5113)

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ENVIRONMENTAL PROTECTION AGENCY**40 CFR Part 180**

[OPP-300922; FRL-6382-5]

RIN 2070-AB78

Trifloxystrobin; Pesticide Tolerance

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: This regulation establishes tolerances for trifloxystrobin regulated as trifloxystrobin and the free form of its acid metabolite CGA-321113 in or on pome fruit, cucurbit vegetables, grapes, raisins, peanuts, peanut hay, wet apple pomace, milk, meat, fat and meat by-products of cattle, goats, hogs, horses and sheep and bananas. Novartis Crop Protection, Inc. requested these tolerances under the Federal Food, Drug, and Cosmetic Act, as amended by the Food Quality Protection Act of 1996.

DATES: This regulation is effective September 27, 1999. Objections and requests for hearings, identified by docket control number OPP-300922, must be received by EPA on or before November 26, 1999.

ADDRESSES: Written objections and hearing requests may be submitted by mail, in person, or by courier. Please follow the detailed instructions for each method as provided in Unit VI. of the "SUPPLEMENTARY INFORMATION" section. To ensure proper receipt by EPA, your objections and hearing requests must identify docket control number OPP-300922 in the subject line on the first page of your response.

FOR FURTHER INFORMATION CONTACT: By mail: Cynthia Giles-Parker, Registration Division (7505C), Office of Pesticide Programs, Environmental Protection Agency, 401 M St., SW., Washington, DC 20460; telephone number: (703) 305-7740 and e-mail address: giles-parker.cynthia@epa.gov

SUPPLEMENTARY INFORMATION:**I. General Information****A. Does This Action Apply to Me?**

You may be affected by this action if you are an agricultural producer, food manufacturer, or pesticide manufacturer. Potentially affected categories and entities may include, but are not limited to:

Cat-egories	NAICS	Examples of Poten-tially Affected Entities
Industry	111	Crop production Animal production Food manufacturing
	112	
	311	

Cat-egories	NAICS	Examples of Potentially Affected Entities
	32532	Pesticide manufacturing

This listing is not intended to be exhaustive, but rather provides a guide for readers regarding entities likely to be affected by this action. Other types of entities not listed in the table could also be affected. The North American Industrial Classification System (NAICS) codes have been provided to assist you and others in determining whether or not this action might apply to certain entities. If you have questions regarding the applicability of this action to a particular entity, consult the person listed in the "FOR FURTHER INFORMATION CONTACT" section.

B. How Can I Get Additional Information, Including Copies of This Document and Other Related Documents?

1. *Electronically.* You may obtain electronic copies of this document, and certain other related documents that might be available electronically, from the EPA Internet Home Page at <http://www.epa.gov/>. To access this document, on the Home Page select "Laws and Regulations" and then look up the entry for this document under the "Federal Register--Environmental Documents." You can also go directly to the **Federal Register** listings at <http://www.epa.gov/fedrgstr/>.

2. *In person.* The Agency has established an official record for this action under docket control number OPP-300922. The official record consists of the documents specifically referenced in this action, and other information related to this action, including any information claimed as Confidential Business Information (CBI). This official record includes the documents that are physically located in the docket, as well as the documents that are referenced in those documents. The public version of the official record does not include any information claimed as CBI. The public version of the official record, which includes printed, paper versions of any electronic comments submitted during an applicable comment period is available for inspection in the Public Information and Records Integrity Branch (PIRIB), Rm. 119, Crystal Mall #2, 1921 Jefferson Davis Hwy., Arlington, VA, from 8:30 a.m. to 4 p.m., Monday through Friday, excluding legal holidays. The PIRIB telephone number is (703) 305-5805.

II. Background and Statutory Findings

In the **Federal Register** of August 17, 1998 (63 FR 43937) (FRL-6018-2), EPA issued a notice pursuant to section 408 of the Federal Food, Drug, and Cosmetic Act (FFDCA), 21 U.S.C. 346a as amended by the Food Quality Protection Act of 1996 (FQPA) (Public Law 104-170) announcing the filing of a pesticide petition (PP) for tolerances by Novartis Crop Protection, Inc. This notice included a summary of the petition prepared by Novartis Crop Protection, Inc. the registrant. An amendment to the notice of filing was published in the **Federal Register** of August 26, 1999 (64 FR 46680) which revised proposed tolerance levels and added the metabolite CGA-321113. No comments were received in response to the amendment.

The petition requested that 40 CFR 180 be amended by establishing a tolerance for combined residues of the fungicide trifloxystrobin and the free form of its acid metabolite CGA-321113, in or on bananas at 0.10 parts per million (ppm), cucurbit vegetables at 0.50 ppm, grapes at 2.0 ppm, raisins at 5.0 ppm, peanuts at 0.05 ppm, peanut hay at 4.0 ppm, pome fruit at 0.50 ppm, wet apple pomace at 5.0 ppm, milk at 0.02 ppm, and meat, fat and meat by products of cattle, goats, hogs, horses and sheep at 0.05 ppm.

Section 408(b)(2)(A)(i) of the FFDCA allows EPA to establish a tolerance (the legal limit for a pesticide chemical residue in or on a food) only if EPA determines that the tolerance is "safe." Section 408(b)(2)(A)(ii) defines "safe" to mean that "there is a reasonable certainty that no harm will result from aggregate exposure to the pesticide chemical residue, including all anticipated dietary exposures and all other exposures for which there is reliable information." This includes exposure through drinking water and in residential settings, but does not include occupational exposure. Section 408(b)(2)(C) requires EPA to give special consideration to exposure of infants and children to the pesticide chemical residue in establishing a tolerance and to "ensure that there is a reasonable certainty that no harm will result to infants and children from aggregate exposure to the pesticide chemical residue...."

EPA performs a number of analyses to determine the risks from aggregate exposure to pesticide residues. For further discussion of the regulatory requirements of section 408 and a complete description of the risk assessment process, see the final rule on Bifenthrin Pesticide Tolerances (62 FR

62961, November 26, 1997) (FRL-5754-7).

III. Aggregate Risk Assessment and Determination of Safety

Consistent with section 408(b)(2)(D), EPA has reviewed the available scientific data and other relevant information in support of this action. EPA has sufficient data to assess the hazards of trifloxystrobin and to make a determination on aggregate exposure, consistent with section 408(b)(2), for a tolerance for combined residues of trifloxystrobin and the free form of its acid metabolite CGA-321113 on bananas at 0.10 parts per million (ppm), cucurbit vegetables at 0.50 ppm, grapes at 2.0 ppm, raisins at 5.0 ppm, peanuts at 0.05 ppm, peanut hay at 4.0 ppm, pome fruit at 0.50 ppm, wet apple pomace at 5.0 ppm, milk at 0.02 ppm, and meat, fat and meat by products of cattle, goats, hogs, horses and sheep at 0.05 ppm. EPA's assessment of the dietary exposures and risks associated with establishing the tolerance follows.

A. Toxicological Profile

EPA has evaluated the available toxicity data and considered its validity, completeness, and reliability as well as the relationship of the results of the studies to human risk. EPA has also considered available information concerning the variability of the sensitivities of major identifiable subgroups of consumers, including infants and children. The results of toxicity studies for trifloxystrobin are listed below:

1. *Subchronic-Feeding Study—Rat.* The No Observed Adverse Effects Level (NOAEL) was 500 ppm (30.6–32.8 mg/kg/day). Decreased body weight, hypertrophy of hepatocytes and pancreatic atrophy were observed at the Lowest Observed Adverse Effects Level (LOAEL) of 2,000 ppm (127–133 mg/kg/day).

2. *Subchronic-Feeding Study—Mouse.* The NOAEL was 500 ppm (76.9–110 mg/kg/day). Increased liver weights and necrosis of hepatocytes were observed at the LOAEL of 2,000 ppm (315–425 mg/kg/day).

3. *Subchronic-Feeding Study—Dog.* The NOAEL was 30 mg/kg/day. Increased liver weight and hepatocyte hypertrophy in males were observed at the LOAEL of 150 mg/kg/day.

4. *28-Day Dermal Toxicity Study—Rat.* The NOAEL was 100 mg/kg/day. Increased liver and kidney weight were observed at the LOAEL of 1,000 mg/kg/day.

5. *Developmental Toxicity Study—Rat.* The maternal NOAEL was 10 mg/kg/day. Decreased body weight gain and

food consumption were observed at the maternal LOAEL of 100 mg/kg/day. The developmental NOAEL was 1,000 mg/kg/day. No developmental effects were observed. The developmental LOAEL was equal to or greater than 1,000 mg/kg/day.

6. *Developmental Toxicity Study—Rabbit.* The maternal NOAEL was 10 mg/kg/day. Decreased body weights and body weight gain, food consumption and efficiency were observed at the maternal LOAEL of 50 mg/kg/day. The developmental NOAEL was 250 mg/kg/day. Skeletal anomalies were observed at the Developmental LOAEL of 500 mg/kg/day.

7. *Reproductive Toxicity Study—Rat.* The parental NOAEL was 50 ppm (3.8 mg/kg/day). Decreased body weight and weight gain, decreased food consumption, liver, kidney and spleen effects were observed at the parental LOAEL of 750 ppm (55.3 mg/kg/day). The reproductive NOAEL was 1,500 ppm (110.6 mg/kg/day). The reproductive LOAEL was greater than 1,500 ppm (110.6 mg/kg/day).

8. *Chronic-Feeding Study—Dog.* The NOAEL was 5 mg/kg/day. Increased clinical signs, increased liver weight and hepatocellular hypertrophy were observed at the LOAEL of 50 mg/kg/day.

9. *Carcinogenicity Study—Mouse.* The NOAEL was 300 ppm (39.4 mg/kg/day). Liver effects were observed at the LOAEL of 1,000 ppm (131.1 mg/kg/day).

10. *Chronic Toxicity/Carcinogenicity Study—Rat.* The NOAEL was 250 ppm (9.81–11.37 mg/kg/day). Decreased body weight and body weight gain were observed at the LOAEL of 750 ppm (29.7–34.5 mg/kg/day).

11. *Gene Mutation Study—Salmonella.* Negative.

12. *Gene Mutation study—Chinese Hamster Cultured V-79.* Positive.

13. *Structural Chromosome Aberration-Micronucleus study—Mouse.* Negative.

14. *Structural Chromosome Aberration-Cytogenetics study—Chinese Hamster.* Negative.

15. *DNA Repair study-hepatocytes—Rat.* Negative.

16. *Acute Oral Neurotoxicity study—Rat.* The NOAEL and LOAEL could not be determined.

17. *Metabolism study—Rat.* The tissue half-lives ranged from 13 to 42 hours. The highest residues were found in liver, kidneys, spleen and blood. The parent compound was extensively metabolized to approximately 35 metabolites.

B. Toxicological Endpoints

The following endpoints were used in the the risk assessments for trifloxystrobin.

1. *Acute toxicity—Developmental Toxicity Study—Rabbits.* The developmental NOAEL was 250 mg/kg/day. The endpoint was an increase in fetal incidence of fused sternebrae #3 and #4 at a LOAEL of 500 mg/kg/day. The uncertainty factor (UF) was 100 based on intra species and interspecies variation. The acute reference dose (RfD) was 2.5 mg/kg/day; the acute population adjusted dose (aPAD) was 2.5 mg/kg/day. In the study selected, the developmental effects were presumed to occur after a single exposure since this is an *in utero* effect it is applicable only to the population subgroup, females 13+ years.

2. *Short- and intermediate-term toxicity—28-Day Dermal Toxicity Study—Rats.* The systemic NOAEL was 100 mg/kg/day. The endpoint was an increase in liver and kidney weights at a LOAEL of 1,000 mg/kg/day.

3. *Long-term toxicity.* Long-term dermal exposure is not expected based on the proposed use pattern. Therefore, a long term dermal risk assessment was not performed.

4. *Chronic toxicity—Chronic Toxicity Study—Dogs.* The NOAEL was 5 mg/kg/day. The endpoint was an increased incidence of clinical signs, increased mean liver weight and hepatocellular hypertrophy at a LOAEL of 50 mg/kg/day. The UF was 100 for intraspecies and intraspecies variation. The chronic RfD was 0.05 mg/kg/day; the chronic PAD was 0.05 mg/kg/day. The chronic toxicity study in dogs was chosen for the chronic dietary risk assessment because the study is chronic and the systemic NOAEL is lower than that in the chronic rat study. Also, the toxic effects observed were seen in the chronic rat study and the multi-generation reproduction study in rats.

5. *Carcinogenicity.* Trifloxystrobin has been classified as a “not likely human carcinogen”.

C. Exposures and Risks

1. *From food and feed uses.* Tolerances are being established for the combined residues of trifloxystrobin and the free form of its acid metabolite CGA-321113 on the following commodities: bananas at 0.10 parts per million (ppm), cucurbit vegetables at 0.50 ppm, grapes at 2.0 ppm, raisins at 5.0 ppm, peanuts at 0.05 ppm, peanut hay at 4.0 ppm, wet apple pomace at 5.0 ppm, pome fruit at 0.50 ppm, milk at 0.02 ppm, and meat, fat and meat by products of cattle, goats, hogs, horses

and sheep at 0.05 ppm. Risk assessments were conducted by EPA to assess dietary exposures as follows:

i. *Acute exposure and risk.* Acute dietary risk assessments are performed for a food-use pesticide if a toxicological study has indicated the possibility of an effect of concern occurring as a result of a 1-day or single exposure. The Dietary Exposure Evaluation Model (DEEM) detailed acute analysis estimates the distribution of single exposures for the overall U.S. population and certain subgroups. For this assessment, the only population subgroup of concern for acute dietary risk is Females 13 years and older. The analysis evaluates individual food consumption as reported by respondents in the USDA 1989–1992 Continuing Survey of Food Intake by Individuals (CSFII) and accumulates exposure to the chemical for each commodity. Each analysis assumes uniform distribution of trifloxystrobin in the commodity supply. In conducting the acute dietary risk assessment, the Agency made highly conservative assumptions. One hundred percent of proposed crops are assumed to be treated with trifloxystrobin, and this is expected to result in an overestimate of dietary risk. Therefore, this acute dietary (food only) risk assessment should be viewed as a highly conservative risk estimate. Further refinement using anticipated residues or percent of crop treated data in conjunction with a Monte Carlo analysis would result in a lower dietary exposure estimate. In the DEEM acute analysis the proposed tolerances for combined residues of trifloxystrobin and CGA-321113 utilized 1% of the aPAD for females 13 + years old, nursing.

ii. *Chronic exposure and risk.* In conducting the chronic dietary risk assessment, the Agency made highly conservative assumptions which resulted in an overestimate of human dietary exposure. One hundred percent of proposed crops are assumed to be treated with trifloxystrobin, and this is expected to result in an overestimate of dietary risk. Therefore, this chronic dietary (food only) risk assessment should be viewed as a highly conservative risk estimate. Further refinement using anticipated residues or percent of crop treated data would result in a lower dietary exposure estimate. Thus, in making a safety determination for these tolerances, EPA takes into account this highly conservative exposure assessment. The Agency is generally concerned with chronic exposures that exceed 100% of the chronic PAD (cPAD) or chronic RfD. The proposed trifloxystrobin tolerances

were used to calculate the exposure and risk estimate. The percentages cPAD utilized were 17% for non-nursing infants, 16% for children 1–6 years old, 14% for all infants (<1 year), and 9% or lower for other population subgroups.

iii. *Cancer Dietary Risk from Food Sources.* Trifloxystrobin was classified as a “not likely human carcinogen.” Therefore, a cancer risk assessment was not conducted.

2. *From drinking water.* EPA does not have monitoring data available to perform a quantitative drinking water risk assessment for trifloxystrobin and the free form of its acid metabolite. In the absence of reliable, available monitoring data, EPA uses models to estimate concentrations of pesticides in ground and surface water. Drinking water estimates for the parent, trifloxystrobin, plus the free form of its acid metabolite CGA–321113, were generated by the SCI-GROW model. Conservative assumptions were built into the ground water scenario used by the Screening Concentration in Ground Water (SCI-GROW) model, such as assuming shallow ground water, coarse soils and high levels of irrigation. The estimate from SCI-GROW represents an upper bound on the concentration of trifloxystrobin in ground waters as a result of agricultural use.

The estimate for the parent, trifloxystrobin, using the SCI-GROW model is 0.006 part per billion (ppb). For the primary metabolite CGA–321113, the estimated value is 4.9 ppb. For risk assessment purposes, EPA used the estimates for the primary metabolite (and not a sum of parent plus metabolite) because the SCI-GROW model assumes 100% conversion from parent to CGA–321113.

Estimates of concentrations of trifloxystrobin and its metabolite in surface water were made using the generic expected environmental concentration (GEENEC) model. The peak estimate for the parent, trifloxystrobin, using the GEENEC model, ranges from 5.29 to 5.56 ppb. The 56-day average for the parent ranges from 0.64 to 2.97. For the primary metabolite, the peak estimate is 47.98 ppb, and the 56-day average estimate is 47.31 ppb. For risk assessment purposes, EPA used the estimates for the primary metabolite (and not a sum of parent plus metabolite) because the GEENEC model assumes 100% conversion from parent to CGA–321113.

A Drinking Water Level of Comparison (DWLOC) is a theoretical upper limit of a pesticide's concentration in drinking water in light

of total aggregate exposure to that pesticide in food and through residential uses. A DWLOC will vary depending on the toxic endpoint, consumption and body weight. Different populations will have different DWLOCs. EPA uses DWLOCs internally in the risk assessment process as a surrogate measure of potential exposure associated with pesticide exposure through drinking water. In the absence of monitoring data for pesticides, the DWLOC is used as a point of comparison against conservative model estimates of potential pesticide concentration in water. DWLOC values are not regulatory standards for drinking water. EPA has calculated DWLOCs for acute and chronic (non-cancer) exposure to trifloxystrobin and the primary metabolite CGA–321113 for the U.S. population and selected subgroups.

The DWLOC for acute risk is 72,600 µg/l for females 13+ years (nursing). The DWLOCs for chronic exposure are 1,680 µg/l for the U.S. population, 420 µg/l for non-nursing infants and 1,380 µg/l for females 13+ years (nursing). The estimated concentrations of trifloxystrobin in ground water, 4.9 µg/l and surface water, 47.98 µg/l, are less than the DWLOCs as a contribution to acute and chronic exposure. The estimated concentrations of trifloxystrobin and its primary metabolite in ground and surface water are considered conservative estimates. Therefore, EPA concludes with reasonable certainty that residues of trifloxystrobin in food and drinking water would not result in an unacceptable estimate of acute or chronic (non-cancer) aggregate human health risk.

3. *From non-dietary exposure.* Trifloxystrobin, is proposed for use on the following residential non-food sites: turfgrass and ornamentals. There are no homeowner uses of trifloxystrobin proposed, but residential lawns are listed on the label as sites which may be treated by a professional pesticide applicator. Therefore, risk assessments (dermal and oral) were conducted for adults and children who may be exposed to trifloxystrobin after application by a professional pesticide applicator. Short and intermediate-term post-application residential risk estimates do not exceed EPA's level of concern, Margins Of Exposure (MOE) range from 430 to 15 million. Acute and chronic aggregate risk (food plus water) estimates do not exceed EPA's level of concern. Short- and intermediate-term aggregate risk estimates also do not exceed EPA's level of concern.

4. *Cumulative exposure to substances with common mechanism of toxicity.*

Section 408(b)(2)(D)(v) requires that, when considering whether to establish, modify, or revoke a tolerance, the Agency consider “available information” concerning the cumulative effects of a particular pesticide's residues and “other substances that have a common mechanism of toxicity.” Trifloxystrobin belongs to a new class of fungicides, the MAEs (beta-methoxyacryl esters), which are synthetic analogs of strobilurin A, an antifungal secondary metabolite of the fungus *Strobilurus tenacellus*. Trifloxystrobin works by interfering with respiration in plant pathogenic fungi. The site of action of strobilurin compounds is located in the mitochondrial respiration pathway between cytochromes b and c1 at the level of the hydroquinone binding site. As a result of this mode of action, trifloxystrobin is a potent inhibitor of fungal spore germination and mycelial growth. Trifloxystrobin can be referred to more specifically as an oximinooacetate.

EPA does not have, at this time, available data to determine whether trifloxystrobin has a common mechanism of toxicity with other substances or how to include this pesticide in a cumulative risk assessment. Unlike other pesticides for which EPA has followed a cumulative risk approach based on a common mechanism of toxicity, trifloxystrobin does not appear to produce a toxic metabolite produced by other substances. For the purposes of this tolerance action, therefore, EPA has not assumed that trifloxystrobin has a common mechanism of toxicity with other substances. For information regarding EPA efforts to determine which chemicals have a common mechanism of toxicity and to evaluate the cumulative effects of such chemicals, see the final rule for Bifenthrin Pesticide Tolerances (62 FR 62961, November 26, 1997).

5. *Endocrine disrupter effects.* EPA is required to develop a screening program to determine whether certain substances (including all pesticides and inert) “may have an effect in humans that is similar to an effect produced by a naturally occurring estrogen, or such other endocrine effect...” The Agency is currently working with interested stakeholders, including other government agencies, public interest groups, industry and research scientists in developing a screening and testing program and a priority setting scheme to implement this program.

D. Aggregate Risks and Determination of Safety for U.S. Population

1. *Acute risk.* To calculate acute aggregate risk, high-end exposures from food and drinking water sources are compared to the acute PAD. Exposure to trifloxystrobin residues and the free form of its acid metabolite, CGA-321113 in food will occupy no more than 1% of the acute PAD for females 13+ years old (nursing). Acute dietary risk was calculated for females 13+ years old because the endpoint upon which the acute PAD is based is on developmental effects. Residue levels used for food-source dietary risk assessments were very conservative: proposed tolerance levels were used, and 100% crop treated was assumed, with no refinements. Acute dietary exposure estimates were calculated for the 95th percentile. Estimated drinking water levels were calculated using drinking water models (SCI-GROW and GENEEC), and the values are considered overestimates due to the conservative assumptions built into the models. Estimated concentrations of trifloxystrobin residues in surface and ground water are lower than EPA's DWLOCs. Therefore, EPA does not expect acute aggregate risk to trifloxystrobin residues from acute food and drinking water sources to exceed EPA's level of concern for acute aggregate risk.

2. *Chronic risk.* Exposure to trifloxystrobin and the free form of its acid metabolite, CGA-321113 residues in food will occupy no more than 7% of the chronic PAD for adult population subgroups (females 13+/nursing) and no more than 17% of the chronic PAD for infant/children subgroups (highest subgroup: non-nursing infants). Residue levels used for food-source dietary risk assessments were not refined and did not incorporate percent of crop treated. Estimated concentrations of trifloxystrobin residues in surface and ground water are lower than EPA's DWLOCs. Estimated drinking water levels were calculated using drinking water models, and the values are considered overestimates due to the conservative assumptions built into the models. Chronic residential exposure of trifloxystrobin is not expected. EPA does not expect chronic aggregate risk to trifloxystrobin residues from food, water and residential sources to exceed EPA's level of concern for chronic aggregate risk.

3. *Short-term risk.* To calculate short-term aggregate risk, high-end residential risk (oral) is combined with chronic food and drinking water risks. Since trifloxystrobin causes the same toxic effects but different NOAELs were

found across different routes, risks for food, drinking water and residential exposure paths are combined to estimate short-term risk. Based on EPA's short-term aggregate risk calculation, EPA does not expect short-term aggregate risk to trifloxystrobin residues from food, water and residential sources to exceed EPA's level of concern for short-term aggregate risk.

4. *Intermediate-term risk.* To calculate intermediate-term aggregate risk, high-end residential risk (oral) are combined with chronic food and drinking water risks. Since trifloxystrobin causes the same toxic effects but different NOAELs were found across different routes, risks for food, drinking water and residential exposure paths are combined to estimate intermediate-term risk. Based on EPA's intermediate term aggregate risk calculation, EPA does not expect intermediate-term aggregate risk to trifloxystrobin residues from food, water and residential sources to exceed the EPA's level of concern for intermediate-term aggregate risk.

5. *Aggregate cancer risk for U.S. population.* Not applicable. There is no evidence of carcinogenicity.

6. *Determination of safety.* Based on these risk assessments, EPA concludes that there is a reasonable certainty that no harm will result from aggregate exposure to residues.

E. Aggregate Risks and Determination of Safety for Infants and Children

1. *Safety factor for infants and children.* On June 21, 1999, the FQPA Safety Factor Committee determined the 10x safety factor for the protection of infants and children should be removed. The Committee's rationale for removing the FQPA Safety Factor is as follows:

i. The toxicology database is complete for FQPA assessment.

ii. There is no indication of increased susceptibility of rat or rabbits to trifloxystrobin. In the developmental and reproductive toxicity studies, effects in the fetuses/offspring were observed only at or above treatment levels which resulted in evidence of parental toxicity;

iii. It was determined that a developmental neurotoxicity study in rats is not required.

iv. The exposure assessments will not underestimate the potential dietary (food and drinking water) or nondietary exposures for infants and children from the use of trifloxystrobin.

IV. Other Considerations

A. Metabolism in Plants and Animals

For plants. EPA determined that the qualitative nature of the residue in

plants is adequately understood for fruits, fruiting vegetables, cucurbit vegetables and peanuts, based on acceptable studies conducted on apples, cucumbers, peanuts, and a supplementary study on wheat. EPA concluded that additional metabolism studies would be needed to support possible future uses. It was further determined that the total toxic residues of concern for plants, both for regulatory and risk assessment purposes, is trifloxystrobin and the free form of its acid metabolite CGA-321113.

For animals. The EPA determined that the qualitative nature of the residue in animals is adequately understood based on acceptable studies conducted in goats and laying hens. It was determined that the total toxic residues for animals, both for regulatory and risk assessment purposes, is trifloxystrobin and the free form of its acid metabolite CGA-321113. Additionally, the liver contribution for metabolite L7a (taurine conjugate of trifloxystrobin) is to be included for risk assessment purposes, assuming equal toxicity as trifloxystrobin.

B. Analytical Enforcement Methodology

The GC/NPD method AG-659A is proposed for tolerance enforcement purposes for residues of trifloxystrobin and the free form of its acid metabolite CGA-321113 in plant and animal matrices. Method validation recoveries indicate that this method adequately recovers residues of trifloxystrobin and CGA-321113, usually with a limit of quantitation (LOQ) of 0.02 ppm. A variant (AG-659) of the method has been independently validated. A method validation trial of AG-659A has been requested of EPA for trifloxystrobin and the free form of its acid metabolite, CGA-321113. In the interim, based on its pre-trial review, EPA has provisionally concluded that method 659A appears to be suitable for tolerance enforcement.

C. Magnitude of Residue

1. *Crop field trials.* The field trials were adequate in number, geographically representative, and reasonably reflected the proposed use patterns. In all cases, the tolerances EPA recommended were for combined residues of trifloxystrobin and the free form of its acid metabolite CGA-321113.

i. *Bananas.* EPA recommended for a 0.1 ppm tolerance for whole bananas.

ii. *Cucurbit vegetables.* EPA recommended for a 0.5 ppm tolerance.

iii. *Grapes.* EPA recommended for a 2.0 ppm tolerance.

iv. *Peanuts*. EPA recommended for a tolerance of 0.05 ppm (based on LOQs) for peanuts and 4.0 ppm for peanut hay.

v. *Pome fruits*. EPA recommended for a 0.5 ppm tolerance.

2. *Processed commodities*. In all cases, the tolerances EPA recommended were for combined residues of trifloxystrobin and the free form of its acid metabolite CGA-321113.

i. *Grape processed commodities*. No concentration of residues occurred in grape juice; no tolerance is required. Residues concentrated in raisins in one of two studies; based on the positive study, EPA recommended a 5.0 ppm tolerance.

ii. *Peanut processed commodities*. Residues did not concentrate in meal or refined oil; no tolerances are required.

iii. *Apple processed commodities*. Residues did not concentrate in juice; no tolerance is required. Residues concentrated in wet pomace; based on the highest average field trial (HAFT) value and the average concentration factor, EPA recommended a tolerance of 5.0 ppm.

3. *Residues in poultry and eggs*. Based on the poultry metabolism study, EPA concluded that finite residues of trifloxystrobin are not expected in poultry commodities. Thus, poultry feeding data and tolerances for poultry commodities are not required at this time.

4. *Residues in meat and milk*. A dairy cattle feeding study was conducted at levels equivalent to 2, 6, and 20 ppm in the diet (mg/kg diet on a dry weight basis). Because the highest feeding level was only 3–4x the calculated maximum theoretical dietary burden (6.2 ppm, beef cattle; 4.9 ppm, dairy cattle) and because residues of trifloxystrobin and the acid metabolite CGA-321113 were detected in fat at this feeding level, EPA concluded that animal commodity tolerances were needed. Based on LOQs each for parent and CGA-321113 of 0.01 ppm for milk and 0.02 ppm for other animal commodities, EPA recommended for a 0.02 ppm LOQ tolerance for combined residues of trifloxystrobin and the free form of its acid metabolite CGA-321113 in milk and a 0.05 ppm combined residue tolerance for the meat, fat and meat byproducts of cattle, goats, hogs, horses and sheep. For risk assessment purposes only, 0.1 ppm trifloxystrobin-equivalent residue is used for liver. This value is based on the sum of the liver contribution of metabolite L7a (estimated at ca 0.05 ppm trifloxystrobin equivalent, adjusted to a 1x feeding level from the goat metabolism study, TFMP-¹⁴C label) plus that of the recommended 0.05 ppm tolerance for

the combined residues of trifloxystrobin and CGA-321113 in meat byproducts.

D. International Residue Limits

There are no Codex, Canadian, or Mexican maximum residue limits (MRLs) established for trifloxystrobin. Harmonization is thus not an issue at this time.

E. Rotational Crop Restrictions

An acceptable confined rotational crop study was submitted. The predominant metabolite, trifluoroacetic acid, is not of concern at the (≤ 0.2 ppm) levels reported. Quantifiable residues (≥ 0.02 ppm) of trifloxystrobin and CGA-321113 are not expected in/on crops rotated at a 30-day plantback interval. Proposed plantback restrictions for the Flint™ 50WDG label (immediate plantback of any crop listed on the label; 30-day plantback of all other crops) and the Stratego twin-pack label (immediate plantback of peanuts; 30–105 day plantback of other crops, to accommodate the propiconazole co-active ingredient in the product) are adequate for trifloxystrobin uses. No rotational crop tolerances must be proposed at this time.

V. Conclusion

Therefore, tolerances are established EPA for combined residues of trifloxystrobin and the free form of its acid metabolite CGA-321113 in/on bananas at 0.10 ppm, cucurbit vegetables at 0.50 ppm, grapes at 2.0 ppm, raisins at 5.0 ppm, peanuts at 0.05 ppm, peanut hay at 4.0 ppm, pome fruit at 0.50 ppm, wet apple pomace at 5.0 ppm, milk at 0.02 ppm, and meat, fat and meat by products of cattle, goats, hogs, horses and sheep at 0.05 ppm. There are no U.S. registrations for trifloxystrobin on bananas.

VI. Objections and Hearing Requests

Under section 408(g) of the FFDCA, as amended by the FQPA, any person may file an objection to any aspect of this regulation and may also request a hearing on those objections. The EPA procedural regulations which govern the submission of objections and requests for hearings appear in 40 CFR part 178. Although the procedures in those regulations require some modification to reflect the amendments made to the FFDCA by the FQPA of 1996, EPA will continue to use those procedures, with appropriate adjustments, until the necessary modifications can be made. The new section 408(g) provides essentially the same process for persons to “object” to a regulation for an exemption from the requirement of a tolerance issued by EPA under new

section 408(d), as was provided in the old FFDCA sections 408 and 409. However, the period for filing objections is now 60 days, rather than 30 days.

A. What Do I Need To Do To File an Objection or Request a Hearing?

You must file your objection or request a hearing on this regulation in accordance with the instructions provided in this unit and in 40 CFR part 178. To ensure proper receipt by EPA, you must identify docket control number OPP-300922 in the subject line on the first page of your submission. All requests must be in writing, and must be mailed or delivered to the Hearing Clerk on or before November 26, 1999.

1. *Filing the request*. Your objection must specify the specific provisions in the regulation that you object to, and the grounds for the objections (40 CFR 178.25). If a hearing is requested, the objections must include a statement of the factual issues(s) on which a hearing is requested, the requestor's contentions on such issues, and a summary of any evidence relied upon by the objector (40 CFR 178.27). Information submitted in connection with an objection or hearing request may be claimed confidential by marking any part or all of that information as CBI. Information so marked will not be disclosed except in accordance with procedures set forth in 40 CFR part 2. A copy of the information that does not contain CBI must be submitted for inclusion in the public record. Information not marked confidential may be disclosed publicly by EPA without prior notice.

Mail your written request to: Office of the Hearing Clerk (1900), Environmental Protection Agency, 401 M St., SW., Washington, DC 20460. You may also deliver your request to the Office of the Hearing Clerk in Room M3708, Waterside Mall, 401 M St., SW., Washington, DC 20460. The Office of the Hearing Clerk is open from 8 a.m. to 4 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Office of the Hearing Clerk is (202) 260-4865.

2. *Tolerance fee payment*. If you file an objection or request a hearing, you must also pay the fee prescribed by 40 CFR 180.33(i) or request a waiver of that fee pursuant to 40 CFR 180.33(m). You must mail the fee to: EPA Headquarters Accounting Operations Branch, Office of Pesticide Programs, P.O. Box 360277M, Pittsburgh, PA 15251. Please identify the fee submission by labeling it “Tolerance Petition Fees.”

EPA is authorized to waive any fee requirement “when in the judgement of the Administrator such a waiver or refund is equitable and not contrary to

the purpose of this subsection." For additional information regarding the waiver of these fees, you may contact James Tompkins by phone at (703) 305-5697, by e-mail at tompkins.jim@epa.gov, or by mailing a request for information to Mr. Tompkins at Registration Division (7505C), Office of Pesticide Programs, Environmental Protection Agency, 401 M St., SW., Washington, DC 20460.

If you would like to request a waiver of the tolerance objection fees, you must mail your request for such a waiver to: James Hollins, Information Resources and Services Division (7502C), Office of Pesticide Programs, Environmental Protection Agency, 401 M St., SW., Washington, DC 20460.

3. *Copies for the Docket.* In addition to filing an objection or hearing request with the Hearing Clerk as described in Unit VI.A. of this preamble, you should also send a copy of your request to the PIRB for its inclusion in the official record that is described in Unit I.B.2. of this preamble. Mail your copies, identified by docket number OPP-300922, to: Public Information and Records Integrity Branch, Information Resources and Services Division (7502C), Office of Pesticide Programs, Environmental Protection Agency, 401 M St., SW., Washington, DC 20460. In person or by courier, bring a copy to the location of the PRIB described in Unit I.B.2. of this preamble. You may also send an electronic copy of your request via e-mail to: opp-docket@epa.gov. Please use an ASCII file format and avoid the use of special characters and any form of encryption. Copies of electronic objections and hearing requests will also be accepted on disks in WordPerfect 5.1/6.1 file format or ASCII file format. Do not include any CBI in your electronic copy. You may also submit an electronic copy of your request at many Federal Depository Libraries.

B. When Will the Agency Grant a Request for a Hearing?

A request for a hearing will be granted if the Administrator determines that the material submitted shows the following: There is a genuine and substantial issue of fact; there is a reasonable possibility that available evidence identified by the requestor would, if established EPA, resolve one or more of such issues in favor of the requestor, taking into account uncontested claims or facts to the contrary; and resolution of the factual issue(s) in the manner sought by the requestor would be adequate to justify the action requested (40 CFR 178.32).

VII. Regulatory Assessment Requirements

This final rule establishes tolerances under section 408(d) of the FFDCA in response to a petition submitted to the Agency. The Office of Management and Budget (OMB) has exempted these types of actions from review under Executive Order 12866, entitled *Regulatory Planning and Review* (58 FR 51735, October 4, 1993). This final rule does not contain any information collections subject to OMB approval under the Paperwork Reduction Act (PRA), 44 U.S.C. 3501 *et seq.*, or impose any enforceable duty or contain any unfunded mandate as described under Title II of the Unfunded Mandates Reform Act of 1995 (UMRA) (Public Law 104-4). Nor does it require prior consultation with State, local, and tribal government officials as specified by Executive Order 12875, entitled *Enhancing the Intergovernmental Partnership* (58 FR 58093, October 28, 1993) and Executive Order 13084, entitled *Consultation and Coordination with Indian Tribal Governments* (63 FR 27655, May 19, 1998), or special consideration of environmental justice related issues under Executive Order 12898, entitled *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations* (59 FR 7629, February 16, 1994), or require OMB review in accordance with Executive Order 13045, entitled *Protection of Children from Environmental Health Risks and Safety Risks* (62 FR 19885, April 23, 1997). The Agency has determined that this action will not have a substantial direct effect on States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government, as specified in Executive Order 12612, entitled *Federalism* (52 FR 41685, October 30, 1987). This action directly regulates growers, food processors, food handlers and food retailers, not States. This action does not alter the relationships or distribution of power and responsibilities established by Congress in the preemption provisions of the Federal Food, Drug, and Cosmetic Act, 21 U.S.C. 346a(b)(4). This action does not involve any technical standards that would require Agency consideration of voluntary consensus standards pursuant to section 12(d) of the National Technology Transfer and Advancement Act of 1995 (NTTAA), Public Law 104-113, section 12(d) (15 U.S.C. 272 note). In addition, since tolerances and exemptions that are established by EPA on the basis of a petition under FFDCA

section 408(d), such as the tolerances in this final rule, do not require the issuance of a proposed rule, the requirements of the Regulatory Flexibility Act (RFA) (5 U.S.C. 601 *et seq.*) do not apply.

VIII. Submission to Congress and the Comptroller General

The Congressional Review Act, 5 U.S.C. 801 *et seq.*, as added by the Small Business Regulatory Enforcement Fairness Act of 1996, generally provides that before a rule may take effect, the agency promulgating the rule must submit a rule report, which includes a copy of the rule, to each House of the Congress and to the Comptroller General of the United States. EPA will submit a report containing this rule and other required information to the U.S. Senate, the U.S. House of Representatives, and the Comptroller General of the United States prior to publication of this rule in the **Federal Register**. This rule is not a "major rule" as defined by 5 U.S.C. 804(2).

List of Subjects in 40 CFR Part 180

Environmental protection, Administrative practice and procedure, Agricultural commodities, Pesticides and pests, Reporting and recordkeeping requirements.

Dated: September 20, 1999.

Susan B. Hazen,

Acting Director, Office of Pesticide Programs.

Therefore, 40 CFR chapter I is amended as follows:

PART 180—[AMENDED]

1. The authority citation for part 180 continues to read as follows:

Authority: 21 U.S.C. 321(q), (346a), and 371.

2. Section 180.555 is added to read as follows:

§ 180.555 Trifloxystrobin; tolerances for residues.

(a) *General.* Tolerances are established for combined residues of trifloxystrobin (Benzeneacetic acid, (*E,E*)- α -(methoxyimino)-2-[[[1-(3-(trifluoromethyl)phenyl)ethylidene]amino]oxy]methyl]-, methyl ester) and the free form of its acid metabolite CGA-321113 ((*E,E*)-methoxyimino-[2-[1-(3-(trifluoromethyl)phenyl)-ethylideneamino]oxy]methyl]-phenyl)acetic acid in or on the following commodities.

Commodity	Parts per mil- lion
Apple pomace (wet)	5.0
Bananas ¹	0.10
Cattle, fat	0.05
Cattle, meat	0.05
Cattle, meat by product	0.05
Cucurbit vegetables	0.50
Goats, fat	0.05
Goats, meat	0.05
Goats, meat by product	0.05
Grapes	2.0
Hogs, fat	0.05
Hogs, meat,	0.05
Hogs, meat by product	0.05
Horses, fat	0.05
Horses, meat	0.05
Horses, meat by product	0.05
Milk	0.02
Peanut hay	4.0
Peanuts	0.05
Pome fruit	0.5
Raisins	5.0
Sheep, fat	0.05
Sheep, meat	0.05
Sheep, meat by product	0.05

¹ There are no U.S. registrations as of September 27, 1999 for use on bananas.

(b) *Section 18 emergency exemptions.*
[Reserved]

(c) *Tolerances with regional registrations.* [Reserved]

(d) *Indirect or inadvertent residues.*
[Reserved]

[FR Doc. 99-25050 Filed 9-24-99; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

Health Care Financing Administration

42 CFR Part 413

[HCFA-1876-F]

RIN 0938-AH61

Medicare Program; Revision to Accrual Basis of Accounting Policy

AGENCY: Health Care Financing Administration (HCFA), HHS.

ACTION: Final rule.

SUMMARY: Medicare policy provides that payroll taxes that a provider becomes obligated to remit to governmental agencies are included in allowable costs only in the cost reporting period in which payment (upon which the payroll taxes are based) is actually made to an employee. Therefore, for payroll accrued in 1 year but not paid until the next year, the associated payroll taxes are not an allowable cost until the next year. This final rule provides for an exception when payment would be

made to the employee in the current year but for the fact the regularly scheduled payment date is after the end of the year. In that case, the rule requires allowance in the current year of accrued taxes on payroll that is accrued through the end of the year but not paid until the beginning of the next year, thus allowing accrued taxes on end-of-the year payroll in the same year that the accrual of the payroll itself is allowed. The effect of this rule is not on the allowability of cost but rather only on the timing of payment; that is, the cost of payroll taxes on end-of-the-year payroll is allowable in the current period rather than in the following period.

DATES: These regulations are effective November 26, 1999.

FOR FURTHER INFORMATION CONTACT: John Eppinger, (410) 786-4518.

SUPPLEMENTARY INFORMATION:

I. Background

Generally, under the Medicare program, health care providers who are not subject to a prospective payment or other non cost based payment system are paid for the reasonable costs of covered services furnished to Medicare beneficiaries. Notable exceptions to payment on a reasonable cost basis are for inpatient hospital services furnished in acute care hospitals (section 1886(d) of the Social Security Act (the Act)) and for inpatient services furnished by skilled nursing facilities for cost reporting periods beginning on or after July 1, 1998 (section 1888(e) of the Act). Additionally, there are other limited services not paid on a reasonable cost basis, to which Medicare policy concerning accrued costs, including the revision in this final rule, does not apply.

Section 1861(v)(1)(A) of the Act defines reasonable cost and provides that reasonable cost shall be determined in accordance with implementing regulations. Section 413.24 establishes the methods to be used and the adequacy of data needed to determine reasonable costs for various types or classes of institutions, agencies, and services. Section 413.24(a) requires providers receiving payment on the basis of reasonable cost to maintain financial records and statistical data sufficient for the proper determination of costs payable under the program and for verification of costs by qualified auditors. The cost data are required to be based on an approved method of cost finding and on the accrual basis of accounting. Section 413.24(b)(2) provides that under the accrual basis of accounting, revenue is reported in the

period in which it is earned, regardless of when it is collected, and expenses are reported in the period in which they are incurred, regardless of when they are paid.

Section 413.100 provides for special treatment of certain accrued costs, including Federal Insurance Contribution Act (FICA) and other payroll taxes claimed by providers on their cost reports. Before this final rule, § 413.100(c)(2)(vi) provided, without exception, that a provider's share of FICA and other payroll taxes that the provider becomes obligated to remit to governmental agencies is included in allowable costs only during the cost reporting period in which payment (upon which the payroll taxes are based) is actually made to the employee. When an employee is paid by a provider as part of a provider payroll, whether the payment is for time worked during the payroll period or for benefits (for example, vacation benefits) earned in an earlier period, the provider's share of FICA and other payroll taxes is an allowable cost during the cost reporting period in which payment is made to the employee. The policy is based on the fact that a provider becomes obligated to governmental agencies for payroll taxes only at the time that the salary or benefits, upon which the payroll taxes are based, are actually paid to the provider's employee. Further, until the salary or benefits are actually paid, it cannot be known for certain whether there will be a payroll tax or taxes, what the amount of the tax(es) will be, or whether a particular employee will be liable for the tax(es).

II. Provisions of the Proposed Rule

On May 18, 1998, we published in the **Federal Register** (63 FR 27251) a proposed rule that would revise regulations governing the FICA and other payroll taxes. We proposed to revise § 413.100(c)(2)(vi) to make one exception to the general rule. We proposed to provide that if payment would be made to an employee during a cost reporting period but for the fact that the regularly scheduled payment date is after the end of the period, costs of accrued payroll taxes related to the portion of payroll accrued through the end of the period, but paid to the employee after the beginning of the new period, are allowable costs in the year of accrual, subject to the liquidation requirements specified in the regulations (§ 413.100(c)(2)(i)). Under the proposed rule, accrued taxes on end-of-the-year payroll would be allowed in the same year that the accrual of the payroll itself is allowed, just as Medicare, in other than end-of-the-year