

2012-011: Draft Annex to ISPM 28:2007: Irradiation

			Comment	Explanation	Language	Country
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1.		Editori al	I support the document as it is and I have no comments		English	Uruguay
2.		Editori al	I support the document as it is and I have no comments		English	COSAVE
3.		Editori al	I support the document as it is and I have no comments		English	Canada
4.		Editori al	I support the document as it is and I have no comments		English	Lao People's Democratic Republic
5.		Editori al	I support the document as it is and I have no comments		English	Korea, Republic of
6.		Editori al	I support the document as it is and I have no comments		English	Guyana
7.		Editori al	I support the document as it is and I have no comments		English	Mexico
8.		Editori al	I support the document as it is and I have no comments		English	Ghana
9.		Editori al	I support the document as it is and I have no comments		English	New Zealand

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10.		Editori al	I support the document as it is and I have no comments		English	Nepal
11.		Editori al	I support the document as it is and I have no comments		English	Brazil
12.		Editori al	I support the document as it is and I have no comments		English	Lesotho
13.	G	Subst antive	Radiation effects can vary at a species level and there is no indication in this protocol h ow the applicability of the proposed 231 Gy dosage was determined for the other 2 spe cies: <i>Planococcus lilacinus</i> and <i>P. minor</i>	Other two species not supported by The et al 2012 reference	English	Australia
14.		Techni cal	The concluding sentence of the discussion in the The paper states that 'However, the e ffect of irradiation on <i>D. neobrevipes</i> on female adults at the estimated range needs to be carried out on large scale confirmatory tests'.	There is no indication in this draft protocol that such tests have occurred. In the absence of such large scale tests which could readily be conducted for this species, adoption of this standard should be delayed until those large scale tests are complete. Alternatively, it would be reasonable to set the minimum absorbed dose at the top of the range ie 250 Gy.	English	Australia
15.		al	Draft Annex to ISPM 28:2007: IRRADIATION <u>TREATMENT</u> FOR <i>DYSMICOCCUS</i> NEOBREVIPES BEARDSLEY, PLANOCOCCUS LILACINUS (COCKERELL) AND PLANOCOCCUS MINOR (MASKELL) (HEMIPTERA: PSEUDOCOCCIDAE) (2012- 011)		English	EPPO
16.		al	Draft Annex to ISPM 28:2007: IRRADIATION <u>TREATMENT</u> FOR <i>DYSMICOCCUS</i> NEOBREVIPES BEARDSLEY, PLANOCOCCUS LILACINUS (COCKERELL) AND PLANOCOCCUS MINOR (MASKELL) (HEMIPTERA: PSEUDOCOCCIDAE) (2012- 011)	For consistency with the treatments previously adopted.	English	Estonia, Algeria
17.		al	Draft Annex to ISPM 28:2007: IRRADIATION <u>TREATMENT</u> FOR <i>DYSMICOCCUS</i> NEOBREVIPES BEARDSLEY, PLANOCOCCUS LILACINUS (COCKERELL) AND PLANOCOCCUS MINOR (MASKELL) (HEMIPTERA: PSEUDOCOCCIDAE) (2012- 011)	For consistency with the treatments previously adopted.	English	European Union
18.		Subst antive	Draft Annex to ISPM 28:2007: IRRADIATION FOR DYSMICOCCUS NEOBREVIPES BEARDSLEY, PLANOCOCCUS LILACINUS (COCKERELL) AND PLANOCOCCUS	1.Except Dysmicoccus neobrevipes, no any scientific experiment and data were be carried out for other two pests. 2. Only	English	China

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			MINOR (MASKELL) (HEMIPTERA: PSEUDOCOCCIDAE) (2012-011) This standard can't be adopted because the scientific evidence is inadequate.	100 individuals insects in the experimental design of this paper as a sample were tested. So scientific evidence is inadequate for the amount of the sample is very little. 3.The irradiation dose in the paper is a data deduced from the experiment, which is not directly from the test. 4.The researcher of this paper is not sure the result of the experiment.		
19.	3	Editori al	Pour les étapes de la publication, veuillez vous référer à la version anglaise de la norme.	Harmoniser la présente norme en y incluant les étapes de la publication en langue française	Français	Gabon, Algeria, Congo, DR*
20.	3		Pour les étapes de la publication, veuillez vous référer à la version anglaise de la norme.	Harmoniser la présente norme en y incluant les étapes de la publication en langue française	Français	Burundi
21.	3		Pour les étapes de la publication, veuillez vous référer à la version anglaise de la norme.	Harmoniser la présente norme en y incluant les étapes de la publication en langue française	Français	Mauritania
22.		al	This annex describes the irradiation treatment of fruits and vegetables to prevent the reproduction of adult females of <i>Dysmicoccus neobrevipes</i> Beardsley, <i>Planococcus lilacinus</i> (Cockerell) and <i>Planococcus minor</i> (Maskell) (Hemiptera: Pseudococcidae) at the stated efficacy level ¹ . This treatment should be applied in accordance with the requirements outlined i n ISPM 18:2003.	to add clarity - consistency with previously adopted and reformatted treatments.	English	EPPO, Algeria
23.		al	This annex describes the irradiation treatment of fruits and vegetables to prevent the reproduction of adult females of <i>Dysmicoccus neobrevipes</i> Beardsley, <i>Planococcus lilacinus</i> (Cockerell) and <i>Planococcus minor</i> (Maskell) (Hemiptera: Pseudococcidae) at the stated efficacy level ¹ . This treatment should be applied in accordance with the requirements outlined i n ISPM 18:2003.	To add clarity - consistency with previously adopted and reformatted treatments.	English	European Union
24.	5	cal	This annex describes the irradiation treatment of fruits and vegetables to prevent reproduction of adult females of <i>Dysmicoccus neobrevipes</i> Beardsley, <i>Planococcus lilacinus</i> (Cockerell) and <i>Planococcus minor</i> (Maskell) (Hemiptera: Pseudococcidae) at the stated efficacy level ¹ .	The cited reference, The et al 2012, only refers to D. neobrevipes and the extrapalation to the other species is not supported by this evidence. However, Ravuiwasa KT, Lu KH, et al. (2009). Effects of irradiation on Planococcus minor (Hemiptera: Pseudococcidae). J.	English	Australia

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				Econ. Entomol. 102 (5): 1774-80 show that the irradiation dose of 150-250 Gy sterilsed P. minor by inhibiting the hatching of its eggs to a new generation.		
25.		al	Name of treatmentIrradiation <u>treatment</u> for Dysmicoccus neobrevipes Beardsley , Planococcus lilacinus (Cockerell) and Planococcus minor (Maskell) (Hemiptera: Pseudococcidae)	Consistency with treatments previously adopted.	English	EPPO
26.		al	Name of treatmentIrradiation <u>treatment</u> for Dysmicoccus neobrevipes Beardsley, Planococcus lilacinus (Cockerell) and Planococcus minor (Maskell) (Hemiptera: Pseudococcidae)	Consistency with treatments previously adopted.	English	European Union
27.		al	Name of treatmentIrradiation <u>treatment</u> for Dysmicoccus neobrevipes Beardsley , Planococcus lilacinus (Cockerell) and Planococcus minor (Maskell) (Hemiptera: Pseudococcidae)	Consistency with treatments previously adopted.	English	Algeria
28.			Name of treatmentIrradiation for Dysmicoccus neobrevipes Beardsley, Planococcus Iilacinus (Cockerell) and Planococcus minor (Maskell) (Hemiptera: Pseudococcidae)	No supporting evidence was provided for these two species and they should be removed.	English	Australia
29.			Target pests <i>Dysmicoccus neobrevipes</i> Beardsley, <i>Planococcus lilacinus</i> (Cockerell) and <i>Planococcus minor</i> (Maskell) (Hemiptera: Pseudococcidae)	There are three target pests, not only one, and consistency with [11]: "Target regulated articles" (plural).	English	EPPO
30.			Target pests <i>Dysmicoccus neobrevipes</i> Beardsley, <i>Planococcus lilacinus</i> (Cockerell) and <i>Planococcus minor</i> (Maskell) (Hemiptera: Pseudococcidae)	There are three target pests, not only one, and consistency with [11]: "Target regulated articles" (plural).	English	European Union
31.			Target pests Dysmicoccus neobrevipes Beardsley, Planococcus lilacinus (Cockerell) and Planococcus minor (Maskell) (Hemiptera: Pseudococcidae)	There are three target pests, not only one, and consistency with [11]: "Target regulated articles" (plural).	English	Algeria
32.			Target pest <u>s</u> Dysmicoccus neobrevipes Beardsley, Planococcus lilacinus (Cockerell) and Planococcus minor (Maskell) (Hemiptera: Pseudococcidae)	For consistency with the treatments previously adopted.	English	Algeria
33.			Target pestDysmicoccus neobrevipes Beardsley, <i>Planococcus lilacinus</i> (Cockerell) and <i>Planococcus minor</i> (Maskell) (Hemiptera: Pseudococcidae)	No supporting evidence was provided to substantiate the treatment for these two pests.	English	Australia
34.			Target pestsDysmicoccus neobrevipes Beardsley, Planococcus lilacinus (Cockerell) and Planococcus minor (Maskell) (Hemiptera: Pseudococcidae)	For consistency with the treatments previously adopted.	English	Algeria

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35.		Transl ation	Target pests_Dysmicoccus neobrevipes Beardsley, Planococcus lilacinus (Cockerell) and Planococcus minor (Maskell) (Hemiptera: Pseudococcidae)	For consistency with the treatments previously adopted.	English	Algeria
36.			Minimum absorbed dose <u>of</u> 231 Gy to prevent <u>the</u> reproduction of adult females of Dysmicoccus neobrevipes, Planococcus lilacinus and Planococcus minor.	Consistency with treatments previously adopted.	English	EPPO
37.		Editori al	Minimum absorbed dose <u>of 231</u> Gy to prevent <u>the</u> reproduction of adult females of <i>Dysmicoccus neobrevipes</i> , <i>Planococcus lilacinus</i> and <i>Planococcus minor</i> .	Consistency with treatments previously adopted.	English	European Union
38.			Minimum absorbed dose <u>of 231</u> Gy to prevent <u>the</u> reproduction of adult females of <i>Dysmicoccus neobrevipes</i> , <i>Planococcus lilacinus</i> and <i>Planococcus minor</i> .	Consistency with treatments previously adopted.	English	Algeria
39.		antive	Minimum absorbed dose 231 Gy to prevent reproduction of adult females of Dysmicoccus neobrevipes, Planococcus lilacinus and Planococcus minor. Information on the reason why 231 Gy was adopted as minimum absorbed dose should be described.	The, D.T. et al. (2012), which paper is referred to in this draft, concluded dose range between 200 and 250Gy might be efficient to sterilize Dysmicoccus neobrevipes. Ravuiwasa et al. (2009) concluded 150-250Gy is the most optimal dosage to sterilize all stages of Planococcus minor. The reason why 231 Gy was adopted as minimum absorbed dose should be clarified.	English	Japan
40.			Minimum absorbed dose 231 Gy to prevent reproduction of adult females of Dysmicoccus neobrevipes, Planococcus lilacinus and Planococcus minor.	The minimum absorbed dose of 231 Gy is for Dysmicoccus neobrevipes only. There is no determined doses for Planococcus lilacinus and Planococcus minor yet.	English	Thailand
41.			Minimum absorbed dose <u>250</u> 231 Gy to prevent reproduction of adult females of <i>Dysmicoccus neobrevipes</i> , <i>Planococcus lilacinus</i> and <i>Planococcus minor</i> .	although the cited reference (The et al 2012) conculded that the dose range between 200 and 250 Gy might be efficient to sterilise for D. neobrevipes, the authors also cautioned that this effect needs to be confirmed on large scale tests. In the absence of large scale tests, it would be reasonable to set the minimum absorbed dose to the top of the range ie 250 Gy	English	Australia

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nm	ra.	ment				
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12.		antive	Efficacy and confidence level of the treatment is ED _{99.99023} at the 95% confidence level. <u>Treatment should be applied in accordance with the requirements of ISPM</u> 18:2003, Guidelines for the use of irradiation as a phytosanitary measure. This irradiation treatment should not be applied to fruit and vegetables stored in modifie	paragraph 17 for consistency with other adopted treatments. It is a requirement.	English	EPPO, Algeria
			d atmospheres.			
43.			Efficacy and confidence level of the treatment is ED _{99.99023} at the 95% confidence level. <u>Treatment should be applied in accordance with the requirements of ISPM</u> 18:2003, Guidelines for the use of irradiation as a phytosanitary measure. This irradiation treatment should not be applied to fruit and vegetables stored in modifie	paragraph 17 for consistency with other adopted treatments. It is a requirement.	English	European Union
			d atmospheres.			
		antive	Other relevant information Information on assessment of treatment schedule for <i>Planococcus lilacicinus</i> should be described in "Other relevant information".	referred to in this draft, describes the treatment test for only Dysmicoccus neobrevipes. The reason for the decision that treatment schedule of Planococcus minor can be the same as the schedule of Dysmicoccus neobrevipes should be described.	English	Japan
15.		al	Because irradiation may not result in outright mortality, inspectors may encounter live larvae and/or adults of <i>Dysmicoccus neobrevipes</i> or <i>Planococcus lilacinus</i> or <i>Planococcus minor</i> during the inspection process. This does not imply a failure of the treatment.	1) "Since irradiation" is the wording used in previously adopted treatments. 2) Use of "and/or" in ISPMs. 3) Consistency with treatments previously adopted.	English	EPPO
16.		al	Because irradiation may not result in outright mortality, inspectors may encounter live larvae and/or adults of <i>Dysmicoccus neobrevipes</i> or <i>Planococcus lilacinus</i> or <i>Planococcus minor</i> during the inspection process. This does not imply a failure of the treatment.	1) "Since irradiation" is the wording used in previously adopted treatments. 2) Use of "and/or" in ISPMs. 3) Consistency with treatments previously adopted.	English	European Union
17.		al	Étant donné que l'irradiation <u>pourrait peut ne</u> pas avoir un effet létal radical, les inspecteurs <u>phytosanitaires pourraient peuvent trouver des larves et/ou des adultes</u> vivants au cours de l'inspection. On ne peut pas, le cas échéant, en déduire que le traitement ait échoué.	Formulation plus claire.	Français	Gabon, Algeria, Congo, DR*
8.		al	Étant donné que l'irradiation <u>pourrait peut</u> ne pas avoir un effet létal radical, les inspecteurs <u>phytosanitaires pourraient peuvent</u> trouver des larves et/ou des adultes vivants au cours de l'inspection. On ne peut pas, le cas échéant, en déduire que le traitement ait échoué.	Formulation plus claire.	Français	Burundi

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9.	16	antive	Because irradiation may not result in outright mortality, inspectors may encounter live immatures larvae and/or adults during the inspection process. This does not imply a failure of the treatment.	More appropriate terminology	English	United States of America
0.	16	ation	Étant donné que l'irradiation p <u>ouraiteut</u> ne pas avoir un effet létal radical, les inspecteurs <u>phytosanitaires pouraient peuvent</u> trouver des larves et/ou des adultes vivants au cours de l'inspection. On ne peut pas, le cas échéant, en déduire que le traitement ait échoué.	Formulation plus claire.	Français	Mauritania
1.	1 1		Treatment should be applied in accordance with the requirements of ISPM 18:2003, Guidelines for the use of irradiation as a phytosanitary measure.	This sentence is in the section "Treatment schedule" for treatments previously adopted.	English	EPPO, Algeria
2.	1 1		Treatment should be applied in accordance with the requirements of ISPM 18:2003, Guidelines for the use of irradiation as a phytosanitary measure.	This sentence is in the section "Treatment schedule" for treatments previously adopted.	English	European Union
3.			This irradiation treatment should not be applied to fruits and vegetables stored in modified atmospheres.	Suggests that "fruit" should be in plural form to emphasize different kind of fruits	English	Malaysia
4.			This irradiation treatment should not be applied to fruit and vegetables stored in modified atmospheres.	This sentence should be moved to the section "treatment schedule"	English	EPPO, Algeria
5.			This irradiation treatment should not be applied to fruit and vegetables stored in modified atmospheres.	This sentence should be moved to the section "treatment schedule"	English	European Union
6.	1 1	Editori al	This schedule was based on the work of The <i>et al.</i> (2012).	we think there is an absent of the auther name in this paragraph	English	Jordan
7.	1 1	Editori al	This treatment schedule was based on the work of The et al. (2012).	Consistency with [12].	English	EPPO
8.		Editori al	This <u>treatment</u> schedule was based on the work of The <i>et al.</i> (2012).	Consistency with [12].	English	European Union
9.	1 1	Editori al	This <u>treatment</u> schedule was based on the work of The <i>et al.</i> (2012).	Consistency with [12].	English	Algeria

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60.			This schedule was based on the work of The <i>et al.</i> (2012).	TPPT suggestion, taken on by the US.	English	United States of America
		antive				
			This schedule was based on the work of Doan, T.T. et al 2012. In this paper a			
			minimum absorbed dose of 200 Gy prevented reproduction by adult females of Dysminococcus neobrevipes and development to the next generation from all			
			immature stages. A subsequent large scale confirmatory test showed that there was no			
			reproduction at a maximum dose of 231 Gy. Further tests also showed that the other			
			two species were more radiosusceptable than Dysminococcus neobrevipes.			
			Very little data is available for other members of the Pseudococcidae and all papers			
			are listed in the References. In each case a dose near to or less than 200 Gy was			
			sufficient to ensure no reproduction providing additional confidence in the proposed			
61.				No, The et al only provided data on D. neobrevipes and also stated that large	English	Australia
		antive		scale tests were needed to confirm the		
				rates.		
62.	21	Subst	The, D.T., Khanh, N.T., Lang, V.T.K., Chung, C.V., An, T.T.T. & Thi,	TPPT suggestion taken on by the US:	English	United States of America
		antive		Correct author list should be Doan,T.T.,		
				Nguyen,T.K., Vo,T.K.L., Cao,V.C.,		
			Dysmicoccus neobrevipes (Hemiptera: Pseudococcidae). Radiation Physics and Chemistry, 81: 97–100.	Tran,T.T.A., and Nguyen,H.H.T.		
63	21			If P. minor is to be retained in this	English	Australia
05.	2'	antiva	Effects of gamma irradiation on different stages of mealybug Dysmicoccus neobrevipes		Linglish	
		antive		added		
			Ravuiwasa KT, Lu KH, et al. (2009). Effects of irradiation on Planococcus minor			
			(Hemiptera: Pseudococcidae). J. Econ. Entomol. 102 (5): 1774-80			
64.				The, D.T. et al (2012), which paper is	English	Japan
		antive	Effects of gamma irradiation on different stages of mealybug Dysmicoccus neobrevipes			
				treatment test for only Dysmicoccus		
				neobrevipes. It is necessary to describe the reason why treatment schedule of		
			Ravdiwasa R. T. et al. (2009) Teleffed in The, D.T. et al. (2012) describing the	Planococcus minor can be the same as		
				the schedule of Dysmicoccus neobrevipes.		
			Travalwasa R. T. et al (2005). Effect of madiation of thanococcus minor. obtinal of			
			Economic Entomology 102(5): 1774-1780.)			

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55.			Footnote 1 The scope of phytosanitary treatments does not include issues related to pesticide registration or other domestic requirements for contracting	It is preferable not to change the footnote. (i.e. keep the version that was used in	English	EPPO, Algeria
	é			previous accepted phytosanitary		
			adopted by the CPM may also do not provide information on specific effects on	treatments). If the current wording is		
				retained, the additions are required to		
			prior to contracting parties approving approval of a treatment for use in its territory. In			
			addition, potential effects of treatments on product quality are considered for some host			
			commodities before their international adoption. However, evaluation of any effects of a			
				for use in its territory. The proposed		
			no obligation for a contracting party to approve, register or adopt the treatments for use			
				sentence of this paragraph.		
66.	22	Subst	Footnote 1 The scope of phytosanitary treatments does not include issues related to	It is preferable to keep the footnote	English	European Union
		antive		wording as it was used in previously		
				accepted phytosanitary treatments. If the		
			may also do not provide information on specific effects on human health or food safety,			
			which should be addressed using domestic procedures prior to contracting parties	retained, the additions are required to		
			approving approval of a treatment for use in its territory. In addition, potential effects of			
				adoption of a treatment by the CPM and		
				the adoption of a treatment by a country		
				for use in its territory. The proposed		
				changes are consistent with the last		
77		Turnet		sentence of this paragraph.	 	
o7.			Footnote 1 Le champ d'application des traitements phytosanitaires ne comprend pas	Davantage de clarté et précision	Français	Mauritania
	é		les questions liées à l'homologation de pesticides ni d'autres exigences nationales			
			relatives à l'approbation des traitements par les parties contractantes .Les traitements adoptés par la CMP CIPV pourraient euvent ne pas fournir non plus			
			d'informations sur des aspects spécifiques concernant la santé humaine ou la sécurité			
			sanitaire des aliments, qui devraient être traités à l'échelle nationale préalablement à			
			l'approbation d'un traitement par les parties contractantes . En outre, les effets			
			potentiels des traitements sur la qualité des produits sont pris en compte pour			
			certaines marchandises hôtes avant leur adoption internationale. Quoi qu'il en soit,			
			l'évaluation des éventuels effets d'un traitement sur la qualité des marchandises			
			pourrait eut nécessiter un examen complémentaire. Il n'est fait aucune obligation aux			
			parties contractantes d'approuver, homologuer ou adopter lesdits traitements en vue			
			de les appliquer sur leur territoire.			
58. İ	22			Davantage de clarté et précision	Français	Gabon, Congo, DR*
			les questions liées à l'homologation de pesticides ni d'autres exigences nationales			
			relatives à l'approbation des traitements par les parties contractantes.Les			

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			traitements adoptés par la CMP CIPV pourraientpeuvent ne pas fournir non plus			
			d'informations sur des aspects spécifiques concernant la santé humaine ou la sécurité			
			sanitaire des aliments, qui devraient être traités à l'échelle nationale préalablement à			
			l'approbation d'un traitement par les parties contractantes. En outre, les effets			
			potentiels des traitements sur la qualité des produits sont pris en compte pour			
			certaines marchandises hôtes avant leur adoption internationale. Quoi qu'il en soit, l'évaluation des éventuels effets d'un traitement sur la qualité des marchandises			
			pourrait peut nécessiter un examen complémentaire. Il n'est fait aucune obligation aux			
			parties contractantes d'approuver, homologuer ou adopter lesdits traitements en vue			
			de les appliquer sur leur territoire.			
69.	22	Transl		Davantage de clarté et précision	Français	Burundi
			les questions liées à l'homologation de pesticides ni d'autres exigences nationales		3	
			relatives à l'approbation des traitements par les parties contractantes.Les			
			traitements adoptés par la CMP CIPV pourraient peuvent ne pas fournir non plus			
			d'informations sur des aspects spécifiques concernant la santé humaine ou la sécurité			
			sanitaire des aliments, qui devraient être traités à l'échelle nationale préalablement à			
			l'approbation d'un traitement par les parties contractantes. En outre, les effets			
			potentiels des traitements sur la qualité des produits sont pris en compte pour certaines marchandises hôtes avant leur adoption internationale. Quoi qu'il en soit, l'évaluation des éventuels effets d'un traitement sur la qualité des marchandises <u>pourrait peut</u> nécessiter un examen complémentaire. Il n'est fait aucune obligation aux parties contractantes d'approuver, homologuer ou adopter lesdits traitements en vue de les appliquer sur leur territoire.			