

Distr.: General
21 August 2012

English only



**Stockholm Convention
on Persistent Organic
Pollutants**

Persistent Organic Pollutants Review Committee

Eighth meeting

Geneva, 15–19 October 2012

Item 5 (e) of the provisional agenda*

Technical work: assessment of alternatives to endosulfan

**Summary of information on chemical and non-chemical
alternatives to endosulfan submitted by parties and observers**

Note by the Secretariat

As referred to in document UNEP/POPS/POPRC.8/8, a summary of information on chemical alternatives to endosulfan submitted by parties and observers is set out in the annex to the present note. Information on non-chemical alternatives to endosulfan is provided in the report on the evaluation of non-chemical alternatives to endosulfan (see UNEP/POPS/POPRC.8/INF/14). The annexes have not been formally edited.

* UNEP/POPS/POPRC.8/1.

Annex

Summary of chemical alternatives to endosulfan relevant to crop-pest complexes in Part VI of Annex A to the Stockholm Convention

Table 1

List of chemical alternatives to endosulfan reported by parties and observers relevant to crop-pest complexes in Part VI of Annex A to the Stockholm Convention

Chemical alternatives	Crop-pest applied
1. Abamectine	Onion (Aphids), Tobacco (Oriental tobacco budworm), Tomato (Diamondback moth, Leaf miner)
2. Acephate	Bean (Aphids, Whiteflies), Chilli (Jassids), Cotton (Cotton bollworm, Jassids, Pink bollworm, Whiteflies), Cowpea (Aphids, Whiteflies), Maize (Pink borer), Onion (Jassids), Potato (Aphids, Jassids), Rice (Stem borers, White jassid), Tobacco (Aphids, Oriental tobacco budworm), Tomato (Aphids, Leaf miner)
3. Acetamiprid	Apple (Aphids), Arhar, gram (Aphids), Cowpea (Aphids, Whiteflies), Cotton (Aphids, Jassids, Whiteflies, Leaf rollers, Pink bollworm), Maize (Pink borer), Mustard (Gall midges), Okra (Aphids), Onion (Aphids), Tea (Aphids), Tobacco (Oriental tobacco budworm), Tomato (Aphids, Diamondback moth, Leaf miner), Wheat (Pink borer)
4. Alanycarb	Tobacco (Oriental tobacco budworm)
5. Aldicarb	Cowpea (Aphids, Whiteflies)
6. Alpha-cypermethrin	Cotton (Leaf rollers, Pink bollworm), Tobacco (Oriental tobacco budworm), Tomato (Leaf miner)
7. Azinphos-methyl	Chilli (Jassids), Cotton (Pink bollworm)
8. Beta-cyfluthrin	Cotton (Cotton bollworm, Pink bollworm, Whiteflies), Maize (Pink borer)
9. Beta-cypermethrin	Maize (Pink borer)
10. Bifenthrin	Bean (Aphids, Whiteflies), Cotton (Pink bollworm), Eggplant (Aphids), Potato (Aphids), Tobacco (Aphids), Tomato (Aphids, Whiteflies)
11. Buprofezin	Cotton (Aphids, Cotton bollworm, Jassids, Thrips, Whiteflies), Mango (Hoppers), Tobacco (Oriental tobacco budworm), Tomato (Diamondback moth)
12. Carbaryl	Arhar, gram (Caterpillars), Chilli (Jassids), Cotton, (Pink bollworm), Cowpea (Leaf miner, White flies), Eggplant (Jassids), Maize (Pink borer), Potato (Jassids), Tea (Smaller green leafhopper, Tea geometrid), Tobacco (Oriental tobacco budworm), Tomato (Jassids, Diamondback moth)
13. Carbofuran	Bean (Whiteflies), Coffee (Stem borer), Cotton (Leaf roller), Maize (Pink borer, Stem borers), Tomato (Diamondback moth)
14. Carbosulfan	Chilli (Aphids), Cotton (Aphids, Jassids, Thrips), Rice (Gall midges, Stem borers)
15. Chlorantraniliprole	Arhar, gram (Caterpillars), Cotton (Cotton bollworm), Mustard (Gall midges), Rice (Stem borers), Tomato (Leaf miner, Shoot and fruit borer)
16. Chlorfluazuron	Cotton (Cotton bollworm), Maize (Pink borer)
17. Chlorpicrin	Arhar, gram (Caterpillars)
18. Chromafenozide	Cotton (Cotton bollworm)
19. Chlorpyrifos	Apple (Aphids), Arhar, gram (Aphids, Pod borer), Chilli (Jassids), Coffee (Berry borer), Cotton (Aphids, Cotton bollworm, Leaf rollers, Pink bollworm, Whiteflies), Cowpea (Leaf miner), Eggplant (Diamondback moth), Groundnut (Aphids), Maize (Pink borer), Mango (Fruit flies), Mustard (Aphids), Onion (Aphids), Rice (Gall midges, Stem borers), Tobacco (Oriental tobacco budworm), Tomato (Diamondback moth), Wheat (Pink borer, Termites)
20. Chromafenozide	Cotton (Cotton bollworm)
21. Clofentezine	Apple (Aphids), Tomato (Diamondback moth, Leaf miner)
22. Clothianidin	Arhar, gram (Aphids), Cotton (Jassids, Whiteflies), Cowpea (Aphids), Potato (Aphids), Tea (Aphids), Tomato (Leaf miner)
23. Cyantraniliprole	Onion (Aphids)

Chemical alternatives	Crop-pest applied
24. Cyfluthrin	Arhar, gram (Aphids), Bean (Aphids, Whiteflies), Cotton (Pink bollworm), Cowpea (Aphids), Potato (Aphids, Jassids), Tobacco (Oriental Tobacco budworm), Tomato (Aphids, Whiteflies)
25. Cyhalothrin	Arhar, gram (Aphids), Cotton (Leaf rollers, Pink bollworm), Cowpea (Aphids), Tea (Aphids), Tobacco (Oriental tobacco budworm)
26. Cypermethrin	Apple (Aphids), Arhar, gram (Aphids), Cotton (Leaf rollers, Pink bollworm), Cowpea (Aphids, Whiteflies), Eggplant (Diamondback moth, Shoot and fruit borer), Maize (Pink borer), Mustard (Gall midges), Onion (Aphids), Potato (Jassids), Rice (White jassids), Tobacco (Oriental tobacco budworm), Tomato (Jassids), Wheat (Pink borer)
27. Cyromazine	Tomato (Diamondback moth, Leaf miner)
28. DDT	Cotton (Cotton bollworm)
29. Deltamethrin	Apple (Aphids), Coffee (Berry borer), Cotton (Cotton bollworm, Pink bollworm), Eggplant (Diamondback moth, Shoot and fruit borer), Maize (Pink borer), Mango (Hoppers), Okra (Diamondback moth, Jassids, Shoot and fruit borer), Onion (Aphids, Jassids), Potato (Aphids, Jassids), Rice (Stem borers, White jassid), Tea (Caterpillars, Thrips), Tobacco (Oriental tobacco budworm), Tomato (Diamondback moth, Leaf miner), Wheat (Pink borer)
30. Diafenthiuron	Cotton (Aphids, Cotton bollworm)
31. Diazinon	Apple (Aphids), Arhar, gram (Aphids, Caterpillars, Pea semilooper), Bean (Aphids), Chilli (Jassids), Cowpea (Aphids, Leafminer), Coffee (Stem borer), Eggplant (Diamondback moth), Maize (Pink borer), Mustard (Gall midges), Onion (Aphids, Jassids), Potato (Aphids, Jassids), Tea (Flushworm), Tomato (Aphids, Jassids, Leaf miner)
32. Dicofol	Eggplant (Shoot and fruit borer), Jute (Mites)
33. Dicrotophos	Cotton (Whiteflies)
34. Diflubenzuron	Apple (Aphids), Maize (Pink borer), Wheat (Pink borer)
35. Dimethoate	Apple (Aphids), Arhar, gram (Aphids), Bean (Aphids), Chilli (Jassids), Cowpea (Aphids, Whiteflies), Eggplant (Diamondback moth), Maize (Pink borer), Mango (Fruit flies), Onion (Aphids), Potato (Aphids, Jassids), Tea (Mealybugs, Scale insects), Tobacco (Oriental Tobacco budworm), Tomato (Aphids, Diamondback moth, Jassids), Wheat (Pink borer)
36. Dinotefuran	Cotton (Whiteflies), Tea (Aphids), Tomato (Leaf miner)
37. Emamectin benzoate	Arhar, gram (Pod borer), Cotton (Cotton bollworm), Cowpea (Leaf miner), Maize (Pink borer), Tomato (Leaf miner)
38. Efenvalerate	Bean (Aphids, Whiteflies), Cotton (Pink bollworm), Potato (Aphids, Jassids), Tomato (Aphids, Whiteflies)
39. Ethiofencarb	Chilli (Jassids), Onion (Jassids)
40. Ethion	Tea (Smaller green leafhopper)
41. Ethiprole	Tea (Aphids)
42. Ethofenprox	Arhar, gram (Aphids, Caterpillars), Cotton (Cotton bollworm), Cowpea (Aphids), Tobacco (Oriental tobacco budworm)
43. Ethoprop	Tobacco (Oriental tobacco budworm)
44. Ethylthiometon	Ahar, gram (Aphids), Cowpea (Aphids), Onion (Aphids)
45. Fenitrothion	Arhar, gram (Aphids, Caterpillars), Coffee (Stem borer), Cowpea (Aphids), Onion (Aphids), Rice (White Jassid), Tea (Aphids)
46. Fenpropathrin	Apple (Aphids), Cotton (Pink bollworm)
47. Fenvalerate	Cotton (Aphids, Cotton bollworm, Jassids, Pink bollworm, Thrips), Okra (Jassids, Shoot and fruit borer)
48. Fipronil	Chilli (Aphids), Cotton (Aphids, Cotton bollworm, Jassids, Thrips, Whiteflies), Rice (Gall midges, Stem borers)
49. Flonicamid	Apple (Aphids), Eggplant (Aphids), Potato (Aphids), Tea (Aphids), Tomato (Aphids)
50. Flubendiamide	Cotton (Cotton bollworm)
51. Flucythrinate	Arhar, gram (Aphids), Cowpea (Aphids)
52. Flufenoxoron	Cotton (Pink bollworm), Tomato (Leaf miner)
53. Fluvalinate	Cotton (Aphids, Cotton bollworm, Jassids, Pink bollworm), Tea (Aphids)
54. Formothion	Cotton (Jassids, Thrips)
55. Furathiocarb	Cotton (Aphids, Leaf roller)

Chemical alternatives	Crop-pest applied
56. Gamma-Cyhalothrin	Maize (Pink borer)
57. Imidacloprid	Apple (Aphids), Arhar, gram (Aphids), Bean (Aphids, Leaf miner, Whiteflies), Chilli (Jassids), Coffee (Berry borer, Stem borer), Cotton (Aphids, Jassids, Pink bollworm, Whiteflies), Cowpea (Aphids, White flies), Eggplant (Shoot and fruit borer), Maize (Pink borer), Mustard (Gall midges), Onion (Aphids, Jassids), Potato (Aphids, Jassids), Tobacco (Aphids, Oriental tobacco budworm), Tomato (Diamondback moth, Leaf miner)
58. Indoxacarb	Apple (Aphids), Cotton (Cotton bollworm, Whiteflies)
59. Insecticidal soap	Arhar, gram (Aphids), Cowpea (Aphids, Whiteflies), Onion (Aphids)
<i>Sodium Oleate</i>	<i>Onion (Aphids)</i>
<i>Sorbitan esters of fatty acids</i>	<i>Arhar, gram (Aphids), Cowpea (Aphids), Onion (Aphids)</i>
60. Isoxathion	Cotton (Cotton bollworm), Tobacco (Oriental tobacco budworm)
61. Lambda-Cyhalothrin	Apple (Aphids), Arhar, gram (Aphids, Caterpillars), Bean (Aphids, Whiteflies), Cotton (Cotton bollworm, Jassids, Thrips, Pink bollworm, Whiteflies), Cowpea (Aphids), Maize (Pink borer), Eggplant (Diamondback moth), Mango (Hoppers), Onion (Aphids), Potato (Jassids), Rice (Gall midges, Rice Hispa, Stem borers), Tobacco (Aphids, Oriental tobacco budworm), Tomato (Jassids, Shoot and fruit borer), Wheat (Pink borer)
62. Lepimectin	Tomato (Leaf miner)
63. Lufenuron	Cotton (Cotton bollworm, Pink bollworm), Maize (Pink borer), Tomato (Leaf miner)
64. Malathion	Arhar, gram (Aphids, Caterpillars), Bean (Aphids, Whiteflies), Chilli (Jassids), Cowpea (Aphids, Cotton bollworm, Jassids), Cowpea (Aphids, Leaf miner), Eggplant (Aphids, Jassids), Maize (Pink borer), Onion (Aphids, Jassids), Potato (Aphids, Jassids), Tomato (Aphids, Jassids, Leafminer)
65. Methamidophos	Chilli (Jassids), Cotton (Pink bollworm, Whiteflies), Cowpea (Aphids, Whiteflies), Onion (Jassids), Tobacco (Oriental tobacco budworm), Tomato (Diamondback moth)
66. Methidathion	Cotton (Pink bollworm, Whiteflies), Tea (Aphids)
67. Methomyl	Chilli (Jassids), Cotton (Cotton bollworm, Pink bollworm), Maize (Pink borer), Onion (Aphids, Jassids), Potato (Aphids, Jassids), Tobacco (Aphids, Oriental tobacco budworm), Tomato (Aphids, Diamondback moth, Whiteflies)
68. Methoxyfenozide	Apple (Aphids), Cotton (Pink bollworm)
69. Methyl parathion	Chilli (Jassids), Cotton (Cotton bollworm, Pink bollworm, Thrips, Whiteflies), Cowpea (Leaf miner)
70. Milbemycin	Tomato (Leaf miner)
71. Monocrotophos	Cotton (Aphids, Cotton bollworm, Pink bollworm, Thrips, Whiteflies), Jute (Bihar hairy caterpillar)
72. Naled	Arhar, gram (Aphids, Caterpillars), Bean (Aphids), Cowpea (Aphids), Potato (Jassids), Tomato (Leafminer)
73. Napropamide	Mango (Fruit fly)
74. Nitenpyram	Tomato (Leaf miner)
75. Novaluron	Cotton (Cotton bollworm, Whiteflies), Maize (Pink borer), Tomato (Leaf miner)
76. Oxamyl	Cotton (Whiteflies), Potato (Aphids, Jassids), Tomato (Diamondback moth, Leaf miner)
77. Oxydemeton-methyl	Chilli (Jassids), Cotton (Aphids, Jassids)
78. Permethrin	Arhar, gram (Aphids, Caterpillars), Cotton (Cotton bollworm, Pink bollworm), Cowpea (Aphids, Leaf miner), Eggplant (Diamondback moth), Maize (Pink borer), Potato (Aphids, Jassids), Tomato (Diamondback month, Jassids, Leaf miner)
79. Phentoate	Arhar, gram (Aphids), Cotton (Cotton bollworm, Pink bollworm), Cowpea (Aphids), Onion (Aphids)

Chemical alternatives		Crop-pest applied
80.	Phorate	Apple (Aphids), Chilli (Aphids), Cotton (Aphids, Jassids, Thrips Whiteflies), Groundnut (Aphids), Maize (Stem borers), Mustard (Aphids), Potato (Aphids), Rice (Rice hispa, Stem borers), Tomato (Whiteflies)
81.	Phosalone	Apple (Aphids), Chilli (Aphids), Cotton (Pink bollworm)
82.	Phosmet	Potato (Aphids, Jassids)
83.	Phosphamidon	Chilli (Jassids), Onion (Jassids)
84.	Pirimicarb	Apple (Aphids), Chilli (Jassids), Maize (Aphids), Onion (Jassids)
85.	Pirimiphos methyl	Tea (Aphids)
86.	Profenofos	Cotton (Cotton bollworm, Pink bollworm, Whiteflies)
87.	Propargite	Jute (Yellow mite)
88.	Prothiofos	Tea (Flushworm)
89.	Pymetrozine	Potato (Aphids)
90.	Pyrethrin	Onion (Aphids), Tea (Tea geometrid)
91.	Pyridaben	Tomato (Diamondback moth, Leaf miner)
92.	Pyridafenthion	Eggplant (Shoot and fruit borer)
93.	Pyridalyl	Cowpea (Leaf miner), Tomato (Leaf miner)
94.	Pyriproxifen	Cotton (Cotton bollworm, Whiteflies)
95.	Quinalphos	Apple (Aphids), Arhar, gram (Pod borer), Chilli (Aphids), Cotton (Aphids, Cotton bollworm, Jassids, Pink bollworm, Thrips), Jute (Yellow mite), Okra (Jassids, Shoot and fruit borer), Rice (Rice hispa, Stem borers), Tea (Caterpillars, Thrips), Tomato (Shoot and fruit borer), Wheat (Aphids)
96.	Spinetoram	Tomato (Leaf miner)
97.	Spinosad	Cotton (Cotton bollworm, Pink bollworm), Eggplant (Diamondback moth), Maize (Pink borer), Mango (Fruit flies), Okra (Diamondback moth), Tomato (Diamondback moth, Leaf miner),
98.	Spirodiclofen	Apple (Aphids)
99.	Spiromesifen	Cotton (Whiteflies)
100.	Spirotetramat	Apple (Aphids), Arhar, gram (Aphids), Bean (Aphids), Cotton (Cotton bollworm), Cowpea (Aphids, Whiteflies), Eggplant (Aphids), Potato (Aphids), Tomato (Aphids)
101.	Sulphur	Jute (Yellow mite)
102.	Teflubenzuron	Maize (Pink borer)
103.	Terbufos	Maize (Pink borer)
104.	Thiacloprid	Apple (Aphids), Maize (Pink borer), Tea (Aphids), Wheat (Pink borer)
105.	Thiamethoxam	Arhar, gram (Aphids), Cotton (Aphids, Jassids, Thrips, Whiteflies), Cowpea (Aphids, Whiteflies), Mango (Hoppers), Mustard (Aphids), Okra (Aphids, Jassids), Potato (Aphids, Jassids), Rice (Gall midges, Stem borers), Tea (Aphids, Tea mosquito bug), Tomato (Leaf miner, Whiteflies), Wheat (Aphids, Pink borer, Termites)
106.	Thiodicarb	Cotton (Cotton bollworm, Pink bollworm), Tobacco (Oriental tobacco budworm)
107.	Tolfenpyrad	Tomato (Leaf miner)
108.	Tralomethrin	Cotton (Cotton bollworm, Pink bollworm, Whiteflies), Cowpea (Leaf miner)
109.	Triazophos	Cotton (Cotton bollworm, Pink bollworm)
110.	Trichlorfon	Arhar, gram (Caterpillars), Chilli (Jassids), Cowpea (Leafminer), Maize (Pink borer), Tomato (Diamondback moth, Leafminer)
111.	Tricloprid	Maize (Pink borer)
112.	Triflumuron	Maize (Pink borer)
113.	Zeta-cypermethrin	Cotton (Pink bollworm, Whiteflies), Maize (Pink borer)

Table 2

List of crop-pest complex in part VI of Annex A to the Stockholm Convention with chemical alternatives to endosulfan reported by parties and observers

Crop	Pest	Insecticide	Source, reported
Apple	Aphids	Acetamiprid	Netherlands
		Chlorpyrifos	India
		Chlorpyrifos	Bulgaria
		Clofentezine	Bulgaria
		Cypermethrin	Bulgaria
		Deltamethrin	Netherlands
		Deltamethrin	Bulgaria
		Diazinon	USA
		Diflubenzuron	Bulgaria
		Dimethoate	Bulgaria
		Fenpropathrin	USA
		Flonicamid	Netherlands
		Imidacloprid	Netherlands
		Imidacloprid	USA
		Indoxacarb	Bulgaria
		Lambda-cyhalothrin	USA
		Lambda-cyhalothrin	Bulgaria
		Methoxyfenozide	Bulgaria
		Phorate	India
		Phosalone	POP RC Member (Sylvain Bintein)
		Pirimicarb	Netherlands
		Quinalphos	India
		Spirodiclofen	Bulgaria
Spirotetramat	Netherlands		
Thiacloprid	Bulgaria		
Thiacloprid	Netherlands		
Arhar, gram	Aphids	Diazinon	Canada
		Chlorpyrifos	Burundi
		Dimethoate	Burundi
		Dimethoate	Canada
		Fenitrothion	Myanmar
		Insecticidal soap	Canada
		Lambda-cyhalothrin	Canada
		Mancozeb	Burundi
		Malathion	Canada
		Naled	Canada
		Spirotetramat	Canada
		Acetamiprid	Japan
		Clothianidin	Japan
		Cyfluthrin	Japan
		Cyhalothrin	Japan
		Cypermethrin	Japan
		Ethofenprox	Japan
		Ethylthiometon	Japan
		Fenitrothion	Japan
		Flucythrinate	Japan
		Imidacloprid	Japan
		Malathion	Japan
		Permethrin	Japan
		Phenthoate	Japan
	Sorbitan esters of fatty acids	Japan	
	Thiamethoxam	Japan	
	Caterpillars	Carbaryl	Canada
Carbaryl		Myanmar	

Crop	Pest	Insecticide	Source, reported	
		Chlorantraniliprole	Canada	
		Diazinon	Canada	
		Fenitrothion	Myanmar	
		Lambda-cyhalothrin	Canada	
		Naled	Canada	
		Trichlorfon	Canada	
		Chlorpicrin	Japan	
		Ethofenprox	Japan	
		Fenitrothion	Japan	
		Malathion	Japan	
		Permethrin	Japan	
		Pea semilooper	Diazinon	Myanmar
		Pod borer	Chlorpyrifos	India
Emamectin benzoate	India			
Quinalphos	India			
Bean	Aphids	Acephate	USA	
		Bifenthrin	USA	
		Cyfluthrin	USA	
		Diazinon	Canada	
		Dimethoate	Canada	
		Dimethoate	USA	
		Esfenvalerate	USA	
		Imidacloprid	USA	
		Lambda-cyhalothrin	Canada	
		Lambda-cyhalothrin	USA	
		Malathion	Canada	
		Malathion	USA	
		Naled	Canada	
	Spirotetramat	Canada		
	Leaf miner	Imidacloprid	USA	
	Whiteflies	Acephate	USA	
		Bifenthrin	USA	
		Cyfluthrin	USA	
		Esfenvalerate	USA	
		Imidacloprid	USA	
		Lambda-cyhalothrin	USA	
		Malathion	USA	
		Carbofuran	India	
Chilli	Aphids	Carbosulfan	India	
		Fipronil	India	
		Phorate	India	
		Phosalone	India	
		Quinalphos	India	
	Jassids	Acephate	Argentina	
		Azinphos-methyl	Mexico	
		Carbaryl	Canada	
		Carbaryl	Myanmar	
		Chlorpyrifos-ethyl	Mexico	
		Diazinon	Myanmar	
		Dimethoate	Mexico	
		Ethiofencarb	Argentina	
		Imidacloprid	India	
		Imidacloprid	Argentina	
		Malathion	Canada	
		Malathion	Argentina	
		Malathion	Mexico	
		Methamidophos	Argentina	
		Methamidophos	Mexico	
Methomyl	Argentina			

Crop	Pest	Insecticide	Source, reported	
		Methomyl	Mexico	
		Methyl Parathion	Mexico	
		Oxydemeton-methyl	Mexico	
		Phosphamidon	Argentina	
		Pirimicarb	Argentina	
		Trichlorfon	Mexico	
Coffee	Berry borer	Chlorpyrifos	Ecuador	
		Chlorpyrifos	Honduras	
		Deltamethrin	Burundi	
		Imidacloprid	São Tomé and Príncipe	
	Stem borer	Carbofuran	Honduras	
		Diazinon	Honduras	
		Fenitrothion	Myanmar	
Imidacloprid		São Tomé and Príncipe		
Cotton	Aphids	Acetamiprid	India	
		Buprofezin	India	
		Carbosulfan	India	
		Chlorpyrifos	India	
		Diafenthiuron	POPRC member (POPRC member (Martien Janssen) Janssen)	
		Fenvalerate	India	
		Fipronil	India	
		Fluvalinate	India	
		Furathiocarb	POPRC member (POPRC member (Martien Janssen) Janssen)	
		Imidacloprid	India	
		Malathion	India	
		Monocrotophos	India	
		Oxydemeton-methyl	India	
		Phorate	India	
		Quinalphos	India	
		Quinalphos	POPRC member (POPRC member (Martien Janssen) Janssen)	
		Thiamethoxam	India	
		Cotton bollworm	Acephate	India
			Beta-cyfluthrin	POPRC member (Martien Janssen)
	Buprofezin		India	
	Chlorantraniliprole		India	
	Chlorfluazuron		The Sahelian Pesticides Committee	
	Chlorfluazuron		POPRC member (Martien Janssen)	
	Chlorpyrifos		India	
	Chromafenozide		The Sahelian Pesticides Committee	
	Chromafenozide		POPRC member (Martien Janssen)	
	DDT		POPRC member (Martien Janssen)	
	Deltamethrin		India	
	Diafenthiuron		India	
	Emamectin benzoate		India	
	Emamectin benzoate		The Sahelian Pesticides Committee	
	Ethofenprox	India		

Crop	Pest	Insecticide	Source, reported
		Fenvalerate	India
		Fipronil	India
		Flubendiamide	The Sahelian Pesticides Committee
		Flubendiamide	POP RC Member (Sylvain Bintein)
		Flubendiamide	POPRC member (Martien Janssen)
		Fluvalinate	India
		Indoxacarb	The Sahelian Pesticides Committee
		Indoxacarb	India
		Indoxacarb	POPRC member (Martien Janssen)
		Isoxathion	The Sahelian Pesticides Committee
		Isoxathion	POPRC member (Martien Janssen)
		Lambda-cyhalothrin	India
		Lufenuron	The Sahelian Pesticides Committee
		Lufenuron	India
		Lufenuron	POPRC member (Martien Janssen)
		Malathion	India
		Methomyl	India
		Methyl Parathion	India
		Monocrotophos	India
		Novuluron	India
		Permethrin	India
		Phenthoate	India
		Profenofos	India
		Profenofos	The Sahelian Pesticides Committee
		Profenofos	POPRC member (Martien Janssen)
		Pyriproxyfen	India
		Quinalphos	India
		Spinosad	The Sahelian Pesticides Committee
		Spinosad	India
		Spinosad	POPRC member (Martien Janssen)
		Spirotetramat	The Sahelian Pesticides Committee
		Thiodicarb	The Sahelian Pesticides Committee
		Thiodicarb	India
		Thiodicarb	POP RC Member (Sylvain Bintein)
		Thiodicarb	POPRC member (Martien Janssen)
		Triazophos	India
		Triazophos	POP RC Member (Sylvain Bintein)
		Triazophos	POPRC member (Martien Janssen)
	Jassids	Acephate	India
		Acetamiprid	India
		Buprofezin	India

Crop	Pest	Insecticide	Source, reported
		Carbosulfan	India
		Clothianidin	India
		Fenvalerate	India
		Fipronil	India
		Fluvalinate	India
		Formothion	POPRC member (Martien Janssen)
		Imidacloprid	India
		Lambda-cyhalothrin	India
		Malathion	India
		Oxydemeton-methyl	India
		Phorate	India
		Quinalphos	India
		Thiamethoxam	India
		Thiamethoxam	POPRC member (Martien Janssen)
	Leaf rollers	Acetamiprid	Bulgaria
		Alpha-cypermethrin	Pakistan
		Carbofuran	Pakistan
		Carbofuran	POPRC member (Martien Janssen)
		Chlorpyrifos	Bulgaria
		Cyhalothrin	Pakistan
		Cyhalothrin	POPRC member (Martien Janssen)
		Cypermethrin	Bulgaria
		Cypermethrin	Myanmar
		Furathiocarb	Pakistan
		Furathiocarb	POPRC member (Martien Janssen)
	Pink bollworm	Acephate	Argentina
		Acetamiprid	Bulgaria
		Alpha-cypermethrin	India
		Alpha-cypermethrin	Mexico
		Azinphos-methyl	Mexico
		Beta-cyfluthrin	Pakistan
		Beta-cyfluthrin	Argentina
		Beta-cyfluthrin	POPRC member (Martien Janssen)
		Bifenthrin	Pakistan
		Bifenthrin	Mexico
		Carbaryl	Myanmar
		Carbaryl	India
		Carbaryl	Honduras
		Carbaryl	Argentina
		Carbaryl	Mexico
		Chlorpyrifos-ethyl	Mexico
		Chlorpyrifos	Bulgaria
		Chlorpyrifos	India
		Chlorpyrifos	Argentina
		Chlorpyrifos	Honduras
		Chlorpyrifos	Mexico
		Cyfluthrin	Argentina
		Cyfluthrin	Mexico
		Cyhalothrin	Pakistan
		Cyhalothrin	POPRC member (Martien Janssen)
		Cypermethrin	India
		Cypermethrin	Bulgaria

Crop	Pest	Insecticide	Source, reported
		Cypermethrin	Argentina
		Cypermethrin	Honduras
		Cypermethrin	Mexico
		Deltamethrin	Bulgaria
		Deltamethrin	India
		Deltamethrin	Mexico
		Esfenvalerate	Mexico
		Esfenvalerate	Honduras
		Fenpropathrin	India
		Fenpropathrin	Mexico
		Fenpropathrin	Honduras
		Fenvalerate	India
		Fenvalerate	Argentina
		Fenvalerate	Mexico
		Flufenoxoron	Honduras
		Fluvalinate	Mexico
		Imidacloprid	Bulgaria
		Imidacloprid	Honduras
		Lambda-cyhalothrin	Mexico
		Lufenuron	Argentina
		Methamidophos	Honduras
		Methidathion	Argentina
		Methidathion	Mexico
		Methomyl	Argentina
		Methomyl	Honduras
		Methoxyfenozide	Argentina
		Methyl Parathion	Mexico
		Monocrotophos	Mexico
		Permethrin	Argentina
		Permethrin	Mexico
		Permethrin	Mexico
		Phenthoate	India
		Phenthoate	Argentina
		Phosalone	India
		Profenofos	Argentina
		Profenofos	Honduras
		Quinalphos	India
		Spinosad	Honduras
		Thiodicarb	Honduras
		Triazophos	India
		Triazophos	Mexico
			POPRC member (Martien Janssen)
		Triazophos	
		Zeta-cypermethrin	Argentina
	Thrips	Buprofezin	India
	Thrips	Carbosulfan	India
	Thrips	Fenvalerate	India
	Thrips	Fipronil	India
	Thrips	Formothion	POPRC member (Martien Janssen)
	Thrips	Lambda-cyhalothrin	India
	Thrips	Malathion	India
	Thrips	Methyl Parathion	India
	Thrips	Monocrotophos	India
	Thrips	Phorate	India
	Thrips	Quinalphos	India
	Thrips	Thiamethoxam	India
	Whiteflies	Accephate	USA
	Whiteflies	Acetamiprid	India

Crop	Pest	Insecticide	Source, reported
		Beta-cyfluthrin	POP RC Member (Sylvain Bintein)
		Buprofezin	India
		Chlorpyrifos	India
		Clothianidin	India
		Diclotophos	POP RC Member (Sylvain Bintein)
		Dinotefuran	POP RC Member (Sylvain Bintein)
		Fipronil	India
		Imidacloprid	India
		Indoxacarb	POP RC Member (Sylvain Bintein)
		Lambda-cyhalothrin	India
		Methamidophos	POP RC Member (Sylvain Bintein)
		Methidathion	POP RC Member (Sylvain Bintein)
		Methyl Parathion	POP RC Member (Sylvain Bintein)
		Monocrotophos	India
		Novaluron	POP RC Member (Sylvain Bintein)
		Oxamyl	USA
		Phorate	India
		Profenofos	POP RC Member (Sylvain Bintein)
		Pyriproxifen	POP RC Member (Sylvain Bintein)
		Spiromesifen	POP RC Member (Sylvain Bintein)
		Thiamethoxam	India
		Tralomethrin	POP RC Member (Sylvain Bintein)
		Zeta cypermethrin	POP RC Member (Sylvain Bintein)
Cowpea	Aphids	Acephate	Mexico
		Acetamiprid	Japan
		Aldicarb	Mexico
		Clothianidin	Japan
		Cyfluthrin	Japan
		Cyhalothrin	Japan
		Cypermethrin	Japan
		Cypermethrin	Mexico
		Diazinon	Myanmar
		Diazinon	Canada
		Dimethoate	Canada
		Dimethoate	Mexico
		Ethofenprox	Japan
		Ethylthiometon	Japan
		Fenitrothion	Japan
		Flucythrinate	Japan
		Imidacloprid	Japan
		Insecticidal soap	Canada
		Lambda-cyhalothrin	Canada
		Malathion	Canada
		Malathion	Japan
		Methamidophos	Argentina
		Naled	Canada

Crop	Pest	Insecticide	Source, reported
		Permethrin	Japan
		Phenthoate	Japan
		Sorbitan esters of fatty acids	Japan
		Spirotetramat	Canada
		Thiamethoxam	Japan
		Thiamethoxam	Mexico
	Leaf miner	Diazinon	Canada
		Carbaryl	Myanmar
		Chlorpyrifos	Ecuador
		Emamectin benzoate	Japan
		Malathion	Japan
		Methyl Parathion	India
		Permethrin	Japan
		Pyridalyl	Japan
		Triazophos	India
		Trichlorfon	Canada
	Whiteflies	Acephate	Mexico
		Acetamiprid	Japan
		Aldicarb	Mexico
		Carbaryl	Myanmar
		Cypermethrin	Mexico
		Dimethoate	Mexico
		Imidacloprid	Ecuador
		Insecticidal soap	Canada
		Methamidophos	Argentina
		Pyriproxyfen	Japan
		Spirotetramat	Canada
Thiamethoxam	Mexico		
Eggplant	Aphids	Flonicamid	Canada
		Spirotetramat	Canada
		Malathion	Canada
		Bifenthrin	USA
	Diamondback moth	Chlorpyrifos	Burundi
		Cypermethrin	Bulgaria
		Deltamethrin	São Tomé and Príncipe
		Diazinon	Myanmar
		Dimethoate	Burundi
		Lambda-cyhalothrin	Honduras
		Permethrin	Honduras
	Spinosad	Canada	
	Jassids	Carbaryl	Canada
		Malathion	Canada
	Shoot and fruit borer	Cypermethrin	Myanmar
		Cypermethrin	Bulgaria
		Deltamethrin	São Tomé and Príncipe
		Deltamethrin	Argentina
		Dicofol	Argentina
		Imidacloprid	Argentina
Pyridafenthion		Argentina	
Chlorpyrifos	India		
Groundnut	Aphids	Phorate	India
		Monocrotophos	POP RC Member (Sylvain Bintein)
Jute	Bihar hairy caterpillar	Dicofol (mites)	POP RC Member (Sylvain Bintein)
		Propargite	POP RC Member (Sylvain Bintein)
		Quinalphos	India

Crop	Pest	Insecticide	Source, reported
		Sulphur (jute mite)	PAN/IPEN
		Pirimicarb	Mexico
Maize	Aphids Pink borer	Acetamiprid	Bulgaria
		Acephate	Argentina
		Beta-cyfluthrin	Argentina
		Carbaryl	Honduras
		Carbaryl	Japan
		Carbaryl	Argentina
		Carbaryl	Mexico
		Carbofuran	Argentina
		Carbofuran	Honduras
		Chlorfluazuron	Argentina
		Chlorpyrifos	Bulgaria
		Chlorpyrifos	Burundi
		Chlorpyrifos	Argentina
		Chlorpyrifos	Honduras
		Cypermethrin	Bulgaria
		Cypermethrin	Estonia
		Cypermethrin	Argentina
		Cypermethrin	Argentina
		Deltamethrin	Bulgaria
		Deltamethrin	Estonia
		Deltamethrin	São Tomé and Príncipe
		Deltamethrin	Argentina
		Deltamethrin	Honduras
		Diazinon	Honduras
		Diazinon	Myanmar
		Diflubenzuron	Argentina
		Dimethoate	Burundi
		Emamectin benzoate	Japan
		Gamma-cyhalothrin	Argentina
		Imidacloprid	Bulgaria
		Lambda-cyhalothrin	Estonia
		Lambda-cyhalothrin	Argentina
		Lufenuron	Argentina
		Malathion	Myanmar
		Methomyl	Argentina
		Methomyl	Mexico
		Novaluron	Argentina
		Permethrin	Argentina
		Spinosad	Argentina
		Teflubenzuron	Argentina
		Teflubenzuron	Honduras
		Terbufos	Honduras
		Thiacloprid	Estonia
		Trichlorfon	Argentina
		Trichlorfon	Mexico
		Tricloprid	Bulgaria
		Triflumuron	Argentina
Zeta-cypermethrin	Honduras		
Zeta-cypermethrin	Argentina		
Carbofuran	POP RC Member (Sylvain Bintein)		
	Stem borers	Phorate	India
		Chlorpyrifos	Burundi
Mango	Fruit flies	Dimethoate	Burundi
		Napropamide	Argentina
		Spinosad	Ecuador
		Spinosad	Mexico

Crop	Pest	Insecticide	Source, reported
	Hoppers	Buprofezin	India
		Deltamethrin	India
		Lambda-cyhalothrin	India
		Thiamethoxam	India
		Chlorpyrifos	India
Mustard	Aphids	Phorate	India
		Thiamethoxam	India
		Acetamiprid	Canada
	Gall midges	Chlorantranilipriole	Canada
		Cypermethrin	Estonia
		Diazinon	Myanmar
		Imidacloprid	Canada
	Acetamiprid	India	
Okra	Aphids	Thiamethoxam	India
		Deltamethrin	São Tomé and Príncipe
	Diamondback moth	Spinosad	Canada
		Deltamethrin	India
	Jassids	Fenvalerate	India
		Quinalphos	India
		Thiamethoxam	India
		Deltamethrin	India
	Shoot and fruit borer	Fenvalerate	India
		Quinalphos	India
		Abamectin	Honduras
	Onion	Aphids	Acetamiprid
Chlorpyrifos			Burundi
Cyantraniliprole			Ecuador
Cypermethrin			Estonia
Deltamethrin			Belgium
Deltamethrin			São Tomé and Príncipe
Diazinon			Canada
Diazinon			Japan
Diazinon			Honduras
Dimethoate			Belgium
Dimethoate			Burundi
Dimethoate			Japan
Ethylthiometon			Japan
Fenitrothion			Japan
Imidacloprid			Honduras
Insecticidal soap			Belgium
Insecticidal soap			Canada
Lambda-cyhalothrin			Estonia
Malathion			Canada
Malathion			Japan
Methomyl			Honduras
Phenthoate			Japan
Pyrethrin			Belgium
Pyrethrin			Canada
Sodium Oleate (soap)			Japan
Sorbitan esters of fatty acids (soap)			Japan
Acephate			Argentina
Jassids		Deltamethrin	São Tomé and Príncipe
		Diazinon	Canada
		Ethiofencarb	Argentina
		Imidacloprid	Argentina
		Malathion	Argentina
	Methamidophos	Argentina	
	Methomyl	Argentina	

Crop	Pest	Insecticide	Source, reported
		Phosphamidon	Argentina
		Pirimicarb	Argentina
		Acephate	Canada
Potato	Aphids	Bifenthrin	USA
		Clothianidin	Canada
		Cyfluthrin	USA
		Deltamethrin	Canada
		Diazinon	Canada
		Dimethoate	Canada
		Dimethoate	USA
		Esfenvalerate	USA
		Flonicamid	Canada
		Imidacloprid	Canada
		Imidacloprid	USA
		Malathion	Canada
		Methomyl	Canada
		Methomyl	USA
		Oxamyl	Canada
		Permethrin	USA
		Phorate	India
		Phosmet	Canada
		Pymetrozine	Canada
		Spirotetramat	Canada
		Thiamethoxam	Canada
		Thiamethoxam	India
	Acephate	Canada	
	Jassids	Carbaryl	Canada
		Carbaryl	Canada
		Cyfluthrin	USA
		Cypermethrin	Canada
		Deltamethrin	Canada
		Diazinon	Canada
		Dimethoate	Canada
		Dimethoate	USA
		Esfenvalerate	USA
		Imidacloprid	Canada
		Imidacloprid	USA
		Lambda-cyhalothrin	Canada
		Malathion	Canada
	Methomyl	Canada	
	Methomyl	USA	
	Naled	Canada	
	Oxamyl	Canada	
	Oxamyl	USA	
	Permethrin	Canada	
	Permethrin	USA	
	Phosmet	Canada	
	Thiamethoxam	Canada	
	Carbosulfan	India	
Rice	Gall midges	Chlorpyrifos	India
		Fipronil	India
		Lambda-cyhalothrin	India
		Thiamethoxam	India
		Lambda-cyhalothrin	India
	Rice hispa	Phorate	India
		Quinalphos	India
		Acephate	India
	Stem borers	Carbosulfan	India
		Chlorantraniliprole	India

Crop	Pest	Insecticide	Source, reported		
		Chlorpyrifos	India		
		Deltamethrin	India		
		Fipronil	India		
		Lambda-cyhalothrin	India		
		Phorate	India		
		Quinalphos	India		
		Thiamethoxam	India		
		Cypermethrin	Bulgaria		
		White jassid	Acephate	Ecuador	
			Fenitrothion	Myanmar	
			Deltamethrin	Bulgaria	
			Fenitrothion	Myanmar	
		Tea	Aphids	Acetamiprid	Japan
				Clothianidin	Japan
Cyhalothrin	Japan				
Dinotefuran	Japan				
Ethiprole	Japan				
Flonicamid	Japan				
Fluvalinate	Japan				
Methidathion	Japan				
Pirimiphos methyl	Japan				
Thiacloprid	Japan				
Thiamethoxiam	Japan				
Deltamethrin	India				
Caterpillars	Quinalphos			India	
	Prothiofos			Japan	
Flushworm	Diazinon		Myanmar		
	Dimethoate		Myanmar		
Mealybugs	Dimethoate		Myanmar		
Scale insects	Ethion		India		
Smaller green leafhopper	Carbaryl		Myanmar		
	Pyrethrin		Japan		
Tea geometrid	Carbaryl		Myanmar		
	Thiamethoxam		India		
Tea mosquito bug	Deltamethrin		India		
Thrips	Quinalphos		India		
	Acephate		USA		
Tobacco	Aphids		Bifenthrin	USA	
			Imidacloprid	USA	
			Lambda-Cyhalothrin	USA	
			Methomyl	USA	
			Abamectin	Bulgaria	
	Oriental tobacco budworm	Acephate	Argentina		
		Acetamiprid	Bulgaria		
		Alanycarb	Japan		
		Alpha-cypermethrin	Mexico		
		Buprofezin	Bulgaria		
		Carbaryl	Myanmar		
		Carbaryl	Argentina		
		Carbaryl	Mexico		
		Chlorpyrifos	Bulgaria		
		Chlorpyrifos	Argentina		
		Cyfluthrin	Japan		
		Cyhalothrin	Japan		
		Cypermethrin	Bulgaria		
		Cypermethrin	Honduras		
		Cypermethrin	Myanmar		
	Cypermethrin	Mexico			
	Deltamethrin	Bulgaria			

Crop	Pest	Insecticide	Source, reported
		Dimethoate	Bulgaria
		Ethofenprox	Japan
		Ethoprop	Honduras
		Imidacloprid	Bulgaria
		Imidachlorprid	Ecuador
		Isoxathion	Japan
		Lambda-cyhalothrin	Bulgaria
		Lambda-cyhalothrin	Argentina
		Methamidophos	Mexico
		Methomyl	Japan
		Thiodicarb	Japan
		Acephate	Canada
Tomato	Aphids	Acetamiprid	Canada
		Bifenthrin	USA
		Cyfluthrin	USA
		Diazinon	Canada
		Dimethoate	Canada
		Esfenvalerate	USA
		Flonicamid	Canada
		Malathion	Canada
		Methomyl	Canada
		Methomyl	USA
		Spirotetramat	Canada
		Abamectin	Bulgaria
		Diamondback moth	Acetamiprid
	Buprofezin		Bulgaria
	Carbaryl		Honduras
	Carbofuran		Honduras
	Chlorpyrifos		Burundi
	Chlorpyrifos		Honduras
	Clofentezine		Bulgaria
	Cypermethrin		Myanmar
	Cyromazine		Bulgaria
	Deltamethrin		Bulgaria
	Deltamethrin		São Tomé and Príncipe
	Dimethoate		Burundi
	Imidacloprid		Bulgaria
	Methamidophos		Honduras
	Methomyl		Honduras
	Oxamyl		Bulgaria
	Permethrin		Honduras
	Pyridaben		Bulgaria
	Spinosad		Ecuador
	Spinosad		Canada
	Trichlorfon	India	
	Carbaryl	Canada	
	Jassids	Cypermethrin	Canada
		Diazinon	Canada
		Dimethoate	Canada
		Lambda-cyhalothrin	Canada
		Malathion	Canada
		Permethrin	Canada
		Abamectin	Belgium
		Leaf miner	Abamectin
Abamectin	Estonia		
Abamectin	USA		
Acephate	Japan		
Acetamiprid	Bulgaria		
Acetamiprid	Japan		

Crop	Pest	Insecticide	Source, reported
		Alpha-cypermethrin	Estonia
		Chlorantraniliprole	Japan
		Clofentezine	Bulgaria
		Clothianidin	Japan
		Cyromazine	Belgium
		Cyromazine	Ecuador
		Cyromazine	Bulgaria
		Cyromazine	Japan
		Deltamethrin	São Tomé and Príncipe
		Deltamethrin	Bulgaria
		Diazinon	Myanmar
		Dinotefuran	Japan
		Emamectin benzoate	Japan
		Flufenoxoron	Japan
		Imidacloprid	Bulgaria
		Imidacloprid	Estonia
		Imidacloprid	Argentina
		Lepimectin	Japan
		Lufenuron	Japan
		Malathion	Canada
		Milbemycin	Japan
		Naled	Canada
		Nitenpyram	Japan
		Novaluron	Japan
		Oxamyl	Belgium
		Oxamyl	Bulgaria
		Pyridaben	Bulgaria
		Pyridalyl	Japan
		Spinetoram	Japan
		Spinosad	Belgium
		Spinosad	Japan
		Thiamethoxam	Estonia
		Thiamethoxam	Japan
		Tolfenpyrad	Japan
		Trichlorfon	Canada
		Chlorantraniliprole	India
	Shoot and fruit borer	Lambda-Cyhalothrin	India
		Quinalphos	India
		Bifenthrin	USA
	Whiteflies	Cyfluthrin	USA
		Esfenvalerate	USA
		Methomyl	USA
		Phorate	India
		Thiamethoxam	India
		Quinalphos	India
Wheat	Aphids	Thiamethoxam	India
		Acetamiprid	Bulgaria
	Pink borer	Chlorpyrifos	Bulgaria
		Chlorpyrifos	Argentina
		Cypermethrin	Bulgaria
		Cypermethrin	Argentina
		Deltamethrin	Bulgaria
		Diflubenzuron	Bulgaria
		Dimethoate	Myanmar
		Lambda-cyhalothrin	Bulgaria
		Lambda-cyhalothrin	Estonia
		Thiacloprid	Bulgaria
		Thiamethoxam	Estonia
		Chlorpyrifos	India

Crop	Pest	Insecticide	Source, reported
	Termites	Thiamethoxam	India

Table 3

Important application of endosulfan relevant to the crop-pest complexes in Part VI of Annex A to the Stockholm Convention reported by parties and observers

Current use of endosulfan for the crop-pest complexes available as specific exemptions set out in decision SC-5/3				
Crop	Pest(s) ¹	Importance of the application ² (The figure indicates the number of countries responded.)		
		Very important	Moderately important	Less important
Apple	Aphids			1
	<i>Not specified</i>			2
Arhar, gram	<i>Not specified</i>	1		2
Bean, cowpea	Bean (Aphids)		1	
	Bean (Leaf miner)	1		
	Bean (Whiteflies)	1		
	Whiteflies		1	
	<i>Not specified</i>			2
Chilli, onion, potato	Chilli (Aphids)	1		
	Chilli (Jassids)	1		
	Potato (Aphids)			1
	Potato (Jassids)			1
	<i>Not specified</i>			4
Coffee	Berry borer	1	1	
	<i>Not specified</i>			2
Cotton	Cotton bollworm		1	
	Diamondback moth			1
	Whiteflies			1
	<i>Not specified</i>			2
Eggplant, okra	Eggplant (Aphids)	1		
	Eggplant (Jassids)	1		
	<i>Not specified</i>			2
Groundnut	<i>Not specified</i>			2
Jute	<i>Not specified</i>			2
Maize	Aphids			2
	<i>Not specified</i>			5
Mango	<i>Not specified</i>			2
Mustard	<i>Not specified</i>			2
Rice	<i>Not specified</i>			4
Tea	<i>Not specified</i>			2
Tobacco	<i>Not specified</i>			3
Tomato	Aphids		1	1
	Greenhouse Tomato (Aphids)		1	

1 Please select relevant pests from the crop-pest complexes provided in decision SC-5/3.

2 In ranking the importance, you may consider the significance with respect to availability of alternatives as effective replacements for endosulfan, relative amount of use of endosulfan on that specific crop-pest complex and, other factors such as human and environmental exposure of such use, or possible adverse effects.

Current use of endosulfan for the crop-pest complexes available as specific exemptions set out in decision SC-5/3				
Crop	Pest(s) ¹	Importance of the application ² (The figure indicates the number of countries responded.)		
		Very important	Moderately important	Less important
	Greenhouse Tomato (Whiteflies)		1	
	Jassids		1	
	Shoot and fruit borer			1
	Whiteflies			1
	Leaf minor	1		
	<i>Not specified</i>			2
Wheat	<i>Not specified</i>			1