

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 290

**STANDARD PREVIEW**  
**COMMON NAMES FOR PESTICIDES**  
**(FOURTH LIST)**

ISO/R 290:1963

<https://standards.iteh.ai/catalog/standards/sist/e65f52db-fcf6-43af-8cb8-81afd4289a4a/iso-r-290-1963>

**1st EDITION**

January 1963

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Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

## BRIEF HISTORY

The ISO Recommendation R 290, *Common Names for Pesticides—Fourth List*, was drawn up by Technical Committee ISO/TC 81, *Common Names for Pesticides*, the Secretariat of which is held by the British Standards Institution (B.S.I.).

Work on this question by the Technical Committee began in 1959 and led, in 1960, to the adoption of a Draft ISO Recommendation.

In October 1960, this Draft ISO Recommendation (No. 412) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few amendments, by the following Member Bodies:

Austria	Germany	New Zealand
Belgium	Greece	Poland
Brazil	Hungary	Spain
Canada	India	Sweden
Chile	Iran	Turkey
Czechoslovakia	Israel	United Kingdom
Denmark	Italy	U.S.S.R.

## iTeh STANDARD PREVIEW

Two Member Bodies opposed the approval of the Draft:

(standards.iteh.ai)  
France, Republic of South Africa.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in January 1963, to accept it as an ISO RECOMMENDATION.

## COMMON NAMES FOR PESTICIDES

## FOURTH LIST \*

## FOREWORD

This ISO Recommendation gives the fourth list of common names approved by Technical Committee ISO/TC 81, *Common Names for Pesticides*, for certain pesticides of international importance. The chemical name in conformity with the rules of the International Union of Pure and Applied Chemistry (IUPAC) is given in each case. Where the interpretations of the rules of IUPAC by The Chemical Society, London, and the American Chemical Society, New York, differ, both versions are given. That of The Chemical Society is indicated by an asterisk (\*), that of the American Chemical Society by a dagger (†). Chemical formulae and notes concerning some of the names are given. The application of each compound is given in a separate column according to the following classes:

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<https://standards.iteh.ai/catalog/standards/sist/e65f52db-fcf6-43af-8cb8-81a641e30c3c>

A Insecticides or acaricides

B Fungicides

C Herbicides

D Rodenticides

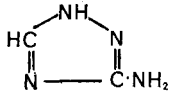
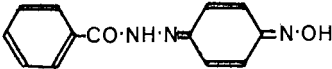
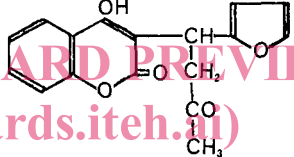
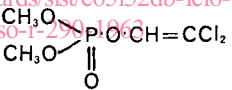
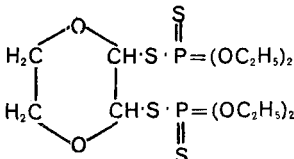
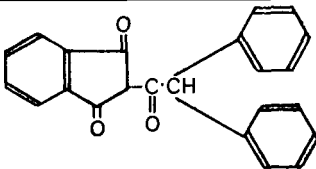
It is proposed in due course to issue further ISO Recommendations for approved common names. In some cases, widely used names are not available for international use at the present time, because they are protected by trade marks in certain countries.

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\* The foregoing lists constitute the subject-matter of the following ISO Recommendations:

R 116, *Common Names for Pesticides. First List*,  
 R 219, *Common Names for Pesticides. Second List*,  
 R 258, *Common Names for Pesticides. Third List*.

## APPROVED COMMON NAMES

Common names English French Russian	(F) (R)	Chemical names	Chemical formulae	( <sup>1</sup> ) Classes	Countries where name not acceptable
<b>amitrole</b> amitrole амитрол	(F) (R)	3-amino-1,2,4-triazole		C	Denmark France ( <sup>2</sup> ) New Zealand ( <sup>2</sup> ) United Kingdom ( <sup>2</sup> ) U.S.S.R. ( <sup>2</sup> )
<b>benquinox</b> benquinox бенквинокс	(F) (R)	1,4-benzoquinone <i>N'</i> -benzoylhydrazone oxime		B	U.S.S.R. ( <sup>3</sup> )
<b>coumafuryl</b> coumafuryl кумафурил	(F) (R)	3- $\alpha$ -(acetonylfurfuryl)-4-hydroxycoumarin		D	New Zealand ( <sup>4</sup> ) Turkey ( <sup>5</sup> ) United Kingdom ( <sup>4</sup> )
<b>dichlorvos</b> dichlorvos дихлорвос	(F) (R)	2,2-dichlorovinyl dimethyl phosphate		A	U.S.S.R. ( <sup>6</sup> )
<b>dioxathion</b> dioxathion диоксатион	(F) (R)	SS-1,4-dioxan-2,3-ylidene bis-( <i>OO</i> -diethyl phos- phorothiolothionate)* SS-1,4-dioxan-2,3-ylidene bis-( <i>OO</i> -diethyl phos- phorodithioate) †		A	Italy Turkey ( <sup>7</sup> ) U.S.S.R. ( <sup>7</sup> )
<b>diphacinone</b> diphacinone дифацинон	(F) (R)	2-diphenylacetylindane-1, 3-dione		D	Italy Turkey ( <sup>8</sup> )

(<sup>1</sup>) Classes: A-Insecticides or acaricides. B-Fungicides. C-Herbicides. D-Rodenticides.

(<sup>2</sup>) In France, New Zealand, the United Kingdom and U.S.S.R., the chemical name *aminotriazole* (аминотриазол) is considered to be short enough.

(<sup>3</sup>) In U.S.S.R., *tserenox* (церенокс) has been accepted as the common name.

(<sup>4</sup>) In New Zealand and the United Kingdom, *fumarin* has been accepted as the common name.

(<sup>5</sup>) In Turkey, *tomarin* has been accepted as the common name.

(<sup>6</sup>) In U.S.S.R., *DDVF* (ДДВФ) has been accepted as the common name.

(<sup>7</sup>) In Turkey and U.S.S.R., *delnav* (дельнав) has been accepted as the common name.

(<sup>8</sup>) In Turkey, *diphacin* has been accepted as the common name.

\* Interpretation of IUPAC rules by The Chemical Society, London.

† Interpretation of IUPAC rules by the American Chemical Society, New York.

## APPROVED COMMON NAMES

(continued)

Common names English French (F) Russian (R)	Chemical names	Chemical formulae	(1) Classes	Countries where name not acceptable
<b>diquat</b> diquat (F) ДИКВАТ (R)	9,10-dihydro-8a,10a-dia- zoniaphenanthrene * (2) 1,1'-ethylene-2,2'- bipyridylum 2A †		C	Germany (3) U.S.S.R. (4)
<b>disul</b> disul (F) ДИЗУЛ (R)	2-(2,4-dichlorophenoxy) ethyl hydrogen sulphate		C	New Zealand (5) United Kingdom (5) U.S.S.R. (5)
<b>diuron</b> diuron (F) ДИУРОН (R)	N'-(3,4-dichlorophenyl)- NN-dimethylurea		C	Denmark France (6) Sweden U.S.S.R. (7)
<b>dodine</b> dodine (F) ДОДИН (R)	dodecylguanidine acetate		C	France (8) United Kingdom (9) U.S.S.R. (10)
<b>endothal-sodium</b> endothal-sodium (F) ЭНДОТАЛ (R)	disodium 7-oxabicyclo [2,2,1]heptane-2,3- dicarboxylate * disodium 3,6-epoxycyclo- hexane-1,2- dicarboxylate †		C	Italy
<b>endothion</b> endothion (F) ЭНДОТИОН (R)	S-(5-methoxy-4-pyron-2- ylmethyl) dimethyl phosphorothiolate * S-(5-methoxy-4-pyron-2- ylmethyl) OO-dimethyl phosphorothioate †		A	Portugal
<b>erbon</b> erbon (F) ЭРБОН (R)	2-(2,4,5-trichlorophe- noxy)ethyl 2,2- dichloropropionate		C	New Zealand United Kingdom (11)

(1) Classes: A-Insecticides or acaricides. B-Fungicides. C-Herbicides. D-Rodenticides.

(2) It should be stated which anion is present, e.g. diquat dibromide and diquat dichloride.

(3) In Germany, *deiquat* is used.(4) In U.S.S.R., *regon* (регон) has been accepted as the common name.

(5) In New Zealand, the United Kingdom and U.S.S.R., 2,4-DES (2,4-ДЭС) has been accepted as the common name.

(6) The name "diuron" is not acceptable for use in France, as it is in conflict with a trade mark registered in that country.

(7) In U.S.S.R., *dichlorfenidim* (дихлорфенидим) has been accepted as the common name.(8) In France, *doguadine* has been accepted as the common name.

(9) In the United Kingdom, the name "dodine" applies to the free base.

(10) In U.S.S.R., *isitrex* (иситрекс) has been accepted as the common name.

(11) The name "erbon" is not acceptable for use in the United Kingdom, as it is in conflict with a trade mark registered in that country.

\* Interpretation of IUPAC rules by The Chemical Society, London.

† Interpretation of IUPAC rules by the American Chemical Society, New York.

## APPROVED COMMON NAMES

(continued)

Common names English French Russian	(F) (R)	Chemical names	Chemical formulae	( <sup>1</sup> ) Classes	Countries where name not acceptable
<b>ethion</b> éthion этион	(F) (R)	tetraethyl SS'-methylene bis (phosphorothio- thionate) * OOO'-O'-tetraethyl SS'-methylene di(phosphorodithioate)†		A	Denmark France ( <sup>2</sup> ) India Italy Portugal Republic of South Africa ( <sup>3</sup> ) Turkey
<b>fenuron</b> fénuron фениурон	(F) (R)	NN-dimethyl-N'- phenylurea		C	Portugal Republic of South Africa ( <sup>4</sup> ) Sweden U.S.S.R. ( <sup>5</sup> )
<b>fluorbenside</b> fluorbenside фторбензид	(F) (R)	4-chlorobenzyl 4'- fluorophenyl sulphide		A	
<b>glyodin</b> glyodin глиодин	(F) (R)	2-heptadecyl-2- imidazoline acetate		B	United Kingdom ( <sup>6</sup> )
<b>griseofulvin</b> griséofulvine (F) гризеофульвин (R)	(F) (R)	7-chloro-4,6-dimethoxy- coumaran-3-one-2- spiro-1'-(2'-methoxy- 6'-methylcyclohex-2'- en-4'-one) * 7-chloro-4,6,2'-trimethoxy- 6'-methylgris-2'-en- 3,4'-dione †		B	Denmark Portugal
<b>MCPB</b> MCPB (F) MXФБ (R)	(F) (R)	4-(4-chloro-2-methyl- phenoxy) butyric acid		C	France ( <sup>7</sup> ) U.S.S.R. ( <sup>8</sup> )
<b>месорпроп</b> mécorprop (F) мекпроп (R)	(F) (R)	(±)-2-(4-chloro-2- methylphenoxy) pro- pionic acid ( <sup>9</sup> )		C	

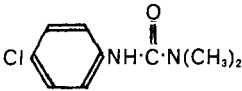
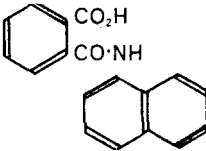
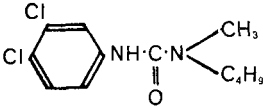

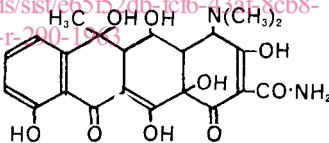
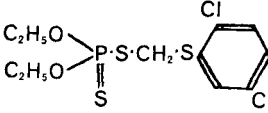
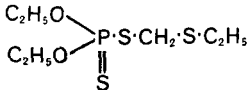
(<sup>1</sup>) Classes: A-Insecticides or acaricides. B-Fungicides. C-Herbicides. D-Rodenticides.(<sup>2</sup>) In France, *diethion* has been accepted as the common name.(<sup>3</sup>) In the Republic of South Africa, *diethion* has been accepted as the common name.(<sup>4</sup>) In the Republic of South Africa, *fenuron* has been accepted as the common name.(<sup>5</sup>) In U.S.S.R., *fenidim* (фенидим) has been accepted as the common name.(<sup>6</sup>) In the United Kingdom, the name "glyodin" applies to the free base.(<sup>7</sup>) In France, 2-4-MCPB is used. The name "MCPB" corresponds to a mixture of the two isomers and is defined as follows: 4 (chloromethylphenoxy) butyric acid.(<sup>8</sup>) In U.S.S.R., 2M-4Kh-M (2M-4X-M) has been accepted as the common name.(<sup>9</sup>) In France, *mesorprop* corresponds to a mixture of isomers and is defined as follows: chloromethylphenoxy-2-propionic acid.

\* Interpretation of IUPAC rules by The Chemical Society, London.

† Interpretation of IUPAC rules by the American Chemical Society, New York.

## APPROVED COMMON NAMES

(continued)

Common names English French (F) Russian (R)	Chemical names	Chemical formulae	(1) Classes	Countries where name not acceptable
<b>monuron</b> monuron (F) монурон (R)	<i>N'</i> -(4-chlorophenyl)- <i>NN</i> -dimethylurea		C	Portugal U.S.S.R. (2)
<b>naptalam</b> naptalame (F) напталам (R)	<i>N</i> -1-naphtylphthalamic acid		C	Turkey (3)
<b>neburon</b> néburon (F) небурон (R)	<i>N</i> -butyl- <i>N'</i> -(3,4-dichlorophenyl)- <i>N</i> -methylurea		C	Republic of South Africa (4)
<b>oxine-copper</b> or <b>oxine-Cu</b> oxine-cuivre ou oxine-Cu (F) cu-оксин (R)	complex of copper and 8-hydroxyquinoline cupric 8-quinolinolate		B	France (5)
<b>oxytetracycline</b> oxytétracycline (F) окситетрасиклин (7) (R)	4-dimethylamino-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxonaphthacene-2-carboxamide		B	Denmark Italy Turkey (6) U.S.S.R. (7)
<b>phenkapton</b> phenkapton (F) фенкаптон (R)	<i>S</i> -(2,5-dichlorophenylthiomethyl) diethyl phosphorothiolothionate * <i>S</i> -(2,5-dichlorophenylthiomethyl) <i>OO</i> -diethyl phosphorodithioate †		A	Turkey
<b>phorate</b> phorate (F) фопат (R)	diethyl <i>S</i> -(ethylthiomethyl) phosphorothiolothionate * <i>OO</i> -diethyl <i>S</i> -(ethylthiomethyl) phosphorodithioate †		A	U.S.S.R. (8)

(1) Classes: A-Insecticides or acaricides. B-Fungicides. C-Herbicides. D-Rodenticides.

(2) In U.S.S.R., *chlorfenidim* (хлорфенидим) has been accepted as the common name.(3) In Turkey, *alanap* has been accepted as the common name.(4) In the Republic of South Africa, *neburea* has been accepted as the common name.(5) In France, the chemical name *oxyquinolinate de cuivre* is considered to be short enough.(6) In Turkey, *terramicin* is being proposed.(7) In U.S.S.R., *terramitsin* (террамицин) has been accepted as the common name.(8) In U.S.S.R., *timet* (тимет) has been accepted as the common name.

\* Interpretation of IUPAC rules by The Chemical Society, London.

† Interpretation of IUPAC rules by the American Chemical Society, New York.

APPROVED COMMON NAMES  
(concluded)

Common names English French (F) Russian (R)	Chemical names	Chemical formulae	( <sup>1</sup> ) Classes	Countries where name not acceptable
<b>phosphamidon</b> phosphamidon (F) фосфамидон (R)	2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate		A	Italy Turkey
<b>pindone</b> pindone (F) пиндон (R)	2-pivaloylindane-1,3-dione		D	France ( <sup>2</sup> ) Portugal Turkey ( <sup>3</sup> )
<b>quintozene</b> quintozène (F) квинтозен (R)	pentachloronitrobenzene		B	Turkey ( <sup>4</sup> ) U.S.S.R. ( <sup>5</sup> )
<b>simazine</b> simazine (F) симазин (R)	2-chloro-4,6-bisethylamino-1,3,5-triazine		C	Turkey
<b>tetradifon</b> tétradifon (F) тетрадифон (R)	2,4,5,4'-tetrachlorodiphenyl sulphone		A	Portugal Turkey ( <sup>6</sup> ) U.S.S.R. ( <sup>6</sup> )
<b>thiometon</b> thiométon (F) тиометон (R)	S-[2-(ethylthio)ethyl] dimethyl phosphorothiolothionate * S-[2-(ethylthio)ethyl] OO-dimethyl phosphorodithionate †		A	France ( <sup>7</sup> ) Germany Portugal Turkey U.S.S.R. ( <sup>8</sup> )
<b>trichlorfon</b> trichlorfon (F) трихлорфон (R)	dimethyl 2,2,2-trichloro-1-hydroxyethylphosphonate		A	Turkey ( <sup>9</sup> ) United Kingdom ( <sup>10</sup> ) U.S.S.R. ( <sup>11</sup> )

(<sup>1</sup>) Classes: A-Insecticides or acaricides. B-Fungicides. C-Herbicides. D-Rodenticides.

(<sup>2</sup>) In France, *pivaldione* has been accepted as the common name.

(<sup>3</sup>) In Turkey, *pival* is being proposed.

(<sup>4</sup>) In Turkey, *terraclor* is being proposed.

(<sup>5</sup>) In U.S.S.R., *PKhNB* (ПХНБ) has been accepted as the common name.

(<sup>6</sup>) In Turkey and U.S.S.R., *tedion* (тедион) has been accepted as the common name.

(<sup>7</sup>) In France, *dithiométhon* has been accepted as the common name.

(<sup>8</sup>) In U.S.S.R., *M-81* (М-81) has been accepted as the common name.

(<sup>9</sup>) In Turkey, *dipterex* has been accepted as the common name.

(<sup>10</sup>) In the United Kingdom, *trichlorphon* is used.

(<sup>11</sup>) In U.S.S.R., *chlorofos* (хлорофос) has been accepted as the common name.

\* Interpretation of IUPAC rules by The Chemical Society, London.

† Interpretation of IUPAC rules by the American Chemical Society, New York.