

INFORME DE BÚSQUEDA DE PATENTES				
N° de solicitud: NC20170006760				
CRITERIOS PARA LA BÚSQUEDA (anexar pantallazo o reporte en PDF, junto con los boléanos utilizados**)				
Palabras clave utilizadas		Synergistic composition; Penoxsulam; triclopir; bispiribac; weeds in crops; rice; sugarcane; cereal; grain crops; pastures; rangelands; industrial vegetation management (IVM).		
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA		CIP: A01N 37/50, A01N 43/40, A01N 43/54, A01N 43/88, A01N 47/24, A01P 3/00, A01P 21/00, A01P 5/00, A01P 13/00. CPC (Opcional):		
DOCUMENTOS CONSIDERADOS RELEVANTES (documentos patentes, literatura no patente, etc...)				
Informes/Base de datos	N° de solicitud/ Autor*	Fecha de Publicación/Presentación (DD/MM/AAAA)	Reiv. afectadas (con indicación, si procede, de las partes relevantes)	Categoría especiales de los documentos citados**
ORBIT; ESPACENET, EPOQUENET y USPTO	US2012184437	19/Julio/2012	1 a 15 NIVEL INVENTIVO	Y
	US2009298691	03/Diciembre/2009	1 a 15 NIVEL INVENTIVO	Y
** Categorías especiales de documentos citados:				
“A” documento que define el estado general de la técnica no considerado como particularmente relevante. “E” solicitud de patente o patente anterior pero publicada en la fecha de presentación internacional o en fecha posterior. “P” documento publicado antes de la fecha de presentación internacional pero con posterioridad a la fecha de prioridad reivindicada.			“X” documento particularmente relevante; la invención reivindicada no puede considerarse nueva o que implique una actividad inventiva por referencia al documento aisladamente considerado. “Y” documento particularmente relevante; la invención reivindicada no puede considerarse que implique una actividad inventiva cuando el documento se asocia a otro u otros documentos de la misma naturaleza, cuya combinación resulta evidente para un experto en la materia.	

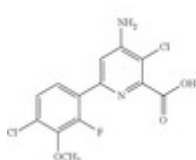
Literatura no patente	
*Se incluye entre otros, toda la referencia de la literatura no patente.	--
Fecha del reporte de búsqueda:	21/11/2018

ORBIT

in an amount sufficient to produce a synergistic herbicidal effect.

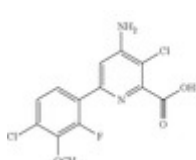
Earliest application date : 2014-01-24

5. [Herbicidal compositions of pyridine-2-carboxylic acids and accase inhibitors](#) BR102014001759 2014-01-24 [DOW](#)
[AGROSCIENCES*](#)
[GUESS](#)
[ALEXANDRA GRO](#)
[SCIENTOLOGY](#)



Herbicidal compositions and methods using a combination of (a) a compound of formula (I): or an agriculturally acceptable salt or ester thereof and (b) an aryloxyphenoxy propionate ACCase inhibitor herbicide selected from the group consisting of fluazifop-P, haloxyfop-P, and quizalofop-P or an agriculturally acceptable salt or ester thereof provide control of undesirable vegetation in, e.g., rice, wheat, barley, triticale, oats, rye, sorghum, corn or maize, oilseed rape, vegetables, pastures, grasslands, rangelands, fallow land, turf, tree and vine orchards, aquatics, industrial vegetation management (IVM) or rights-of-way.

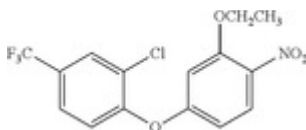
6. [Herbicidal compositions comprising 4-amino-3-chloro-6-\(4-chloro-2-fluoro-3-methoxyphenyl\) pyridine-2-carboxylic acid](#) BR102014001857 2014-01-24 [DOW](#)
[AGROSCIENCES*](#)
[GUESS](#)
[ALEXANDRA GRO](#)
[SCIENTOLOGY](#)



Herbicidal compositions and methods using a combination of (a) a compound of formula (I): (structurally represented) or an agriculturally acceptable salt or ester thereof and (b) picloram or an agriculturally acceptable salt or ester thereof provide control of undesirable vegetation in, e.g., rice, wheat, barley, triticale, oats, rye, sorghum, corn or maize, oilseed rape, vegetables, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, industrial vegetation management or rights-of-way.

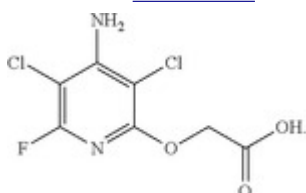
Earliest application date : 2013-12-19

7. [Herbicidal compositions comprising oxyfluorfen and haloxyfop](#) BR102013032769 2013-12-19 [DOW](#)
[AGROSCIENCES*](#)
[GUESS](#)
[ALEXANDRA GRO](#)
[SCIENTOLOGY](#)



An herbicidal composition containing (a) oxyfluorfen and (b) haloxyfop or an agriculturally acceptable ester or salt thereof provides control of undesirable vegetation, e.g., in crops, including but not limited to direct-seeded, water-seeded and transplanted rice, wheat, barley, oats, rye, sorghum, corn/maize, cotton, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, including, but not limited to, citrus, grapes and tree nuts, aquatics, vegetables (e.g., onions, shallots, peppers, tomatoes, artichokes, cole crops, guava, papaya and strawberries), industrial vegetation management, deciduous trees, conifers, perennial crops and plantation crops (including, but not limited to, coffee and palm oil) and rights of way.

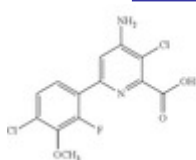
8. [Herbicidal compositions comprising fluroxypyr and flumetsulam](#) BR102013032958 2013-12-19 [DOW](#)
[AGROSCIENCES*](#)



Herbicidal compositions containing (a) fluroxypyr or an agriculturally acceptable salt or ester thereof and (b) flumetsulam or an agriculturally acceptable salt thereof provide synergistic herbicidal control of undesirable vegetation, e.g., in wheat, barley, oats, rye, sugarcane, rice, sorghum, corn/maize, soybean, rice, sunflower, canola/oilseed rape, sugarcane, sorghum, cotton, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, industrial vegetation management and rights-of-way; or crops comprising an aad-12 gene. Also provided herein are methods of using herbicidal compositions containing (a) fluroxypyr or an agriculturally acceptable salt or ester thereof and (b) flumetsulam or an agriculturally acceptable salt thereof.

Earliest application date : 2013-12-18

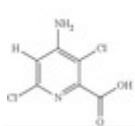
9. [Herbicidal compositions comprising 4-amino-3-chloro-6-\(4-chloro-2-fluoro-3-methoxyphenyl\) pyridine-2-carboxylic acid or a derivative thereof and flufenacet](#) BR102013032903 2013-12-18 [DOW AGROSCIENCES*](#)



Provided herein are herbicidal compositions and methods utilizing a combination of herbicidally active ingredients, the combination comprising: (a) a compound of the formula (I) or an agriculturally acceptable salt or ester of thereof and (b) flufenacet, wherein the weight ratio of (a) to (b) is about 1.25 - 10 of (a) to about 30 - 240 of (b), with the proviso that the combination does not include glufosinate, L-glufosinate, bialaphos, or diflufenican.

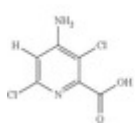
Earliest application date : 2013-09-11

10. [Herbicidal compositions comprising aminopyralid and triclopyr](#) BR102013023384 2013-09-11 [DOW AGROSCIENCES*](#)
[SHIVA S GUESS](#)
[AGRO L](#)



Provided herein are herbicidal compositions containing (a) aminopyralid or an agriculturally acceptable salt or ester thereof and (b) triclopyr or an agriculturally acceptable salt or ester thereof. The compositions provide synergistic weed control of undesirable vegetation, e.g., in rice, wheat, barley, oats, rye, sorghum, corn or maize, oilseed rape or canola, vegetables, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, industrial vegetation management or rights-of-way.

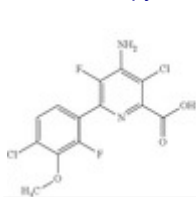
11. [Herbicidal compositions comprising aminopyralid and propanil](#) BR102013023435 2013-09-11 [DOW AGROSCIENCES*](#)
[SHIVA S GUESS](#)
[AGRO L](#)



Provided herein are herbicidal compositions containing (a) aminopyralid or an agriculturally acceptable salt or ester thereof and (b) propanil. The compositions provide synergistic weed control of undesirable vegetation, e.g., in rice, wheat, barley, oats, rye, sorghum, corn or maize, oilseed rape/canola, vegetables, pastures, grasslands, 5 rangelands, fallowland, turf, tree and vine orchards, industrial vegetation management or rights-of-way.

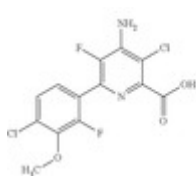
Earliest application date : 2013-03-15

12. [Herbicidal compositions comprising 4-amino-3-chloro-5-fluoro-6-\(4-chloro-2-fluoro-3-methoxyphenyl\) pyridine-2-carboxylic acid](#) BR102013018472 2013-03-15 [DOW AGROSCIENCES*](#)
[SHIVA S GUESS](#)
[AGRO L](#)



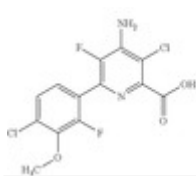
Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) an ACCase inhibitor, including, e.g., clethodim, clodinafop-propargyl, cyhalofop-R-butyl, diclofop-methyl, fenoxaprop-Pethyl, fluazifop-P-butyl, haloxyfop-R-methyl, metamifop, pinoxaden, profoxydim, quizalofop-P-ethyl, sethoxydim and tralkoxydim, provide synergistic weed control of undesirable vegetation in rice, cereals, wheat, barley, oats, rye, sorghum, com/maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, vegetables, industrial vegetation management (IVM) or rights of way (ROW).

13. [Herbicidal compositions comprising 4-amino-3-chloro-5-fluoro-6-\(4-chloro-2-fluoro-3-methoxyphenyl\) pyridine-2-carboxylic acid](#) BR102013018511 2013-03-15 [DOW AGROSCIENCES*](#)



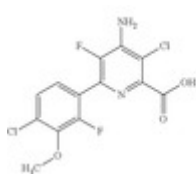
Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) a cellulose biosynthesis inhibitor, e.g., indaziflam and isoxaben. The methods and compositions described herein provide control of undesirable vegetation, e.g., in direct-seeded, water-seeded and transplanted rice, cereals, wheat, barley, oats, rye, sorghum, corn or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, vegetables, industrial vegetation management (IVM) or rights-of-way (ROW).

14. [Herbicidal compositions comprising 4-amino-3-chloro-5-fluoro-6-\(4-chloro-2-fluoro-3-methoxyphenyl\)pyridine-2-carboxylic acid](#) BR102013018509 2013-03-15 [DOW AGROSCIENCES*](#)
[SHIVA S GUESS](#)
[AGRO L](#)



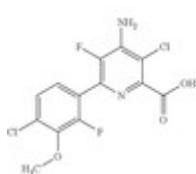
Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) HPPD inhibitors e.g., benzobicyclon, benzofenap, cyclopyrimorate, fenquinotrine, isoxaflutole, mesotrione, pyrazolynate, sulcotrione, tefuryltrione, and topramezone, or a salt or ester thereof. The compositions and methods provided herein provide control of undesirable vegetation, e.g., in direct-seeded rice, water-seeded rice, transplanted rice, cereals, wheat, barley, oats, rye, sorghum, corn or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, vegetables, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, plantation crops, aquatics or industrial vegetation management (IVM) or rights-of-way (ROW).

15. [Herbicidal compositions comprising 4-amino-3-chloro-5-fluoro-6-\(4-chloro-2-fluoro-3-methoxyphenyl\)pyridine-2-carboxylic acid](#) BR102013018460 2013-03-15 [DOW AGROSCIENCES*](#)
[GUESS](#)
[ALEXANDRA GRO SCIENTOLOGY](#)



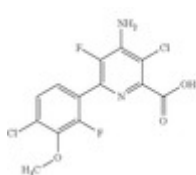
Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) clomazone. The compositions and methods provided herein control undesirable vegetation, e.g., in direct-seeded, water-seeded and transplanted rice, cereals, wheat, barley, oats, rye, sorghum, corn/maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, vegetables, industrial vegetation management (IVM) and rights of way (ROW).

16. [Herbicidal compositions comprising 4-amino-3-chloro-5-fluoro-6-\(4-chloro-2-fluoro-3-methoxyphenyl\)pyridine-2-carboxylic acid](#) BR102013018536 2013-03-15 [DOW AGROSCIENCES*](#)
[SHIVA S GUESS](#)
[AGRO L](#)



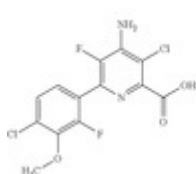
Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl) pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) a PS II inhibitor, including but not limited to, atrazine, bentazon-sodium, bromoxynil, chlorotoluron, cyanazine, diuron, hexazinone, ioxynil, isoproturon, linuron, methibenzuron, metribuzin, propanil, pyridate, siduron, simazine, simetryne, tebuthiuron and terbutylazine, or a salt or ester thereof. The compositions and methods provided herein provide control of undesirable vegetation, e.g., in direct-seeded, water-seeded and transplanted rice, cereals, wheat, barley, oats, rye, sorghum, corn or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, vegetables, industrial vegetation management (NM) or rights of way (ROW).

17. [Herbicidal compositions comprising 4-amino-3-chloro-5-fluoro-6-\(4-chloro-2-fluoro-3-methoxyphenyl\)pyridine-2-carboxylic acid](#) BR102013018510 2013-03-15 [DOW AGROSCIENCES*](#)
[SHIVA S GUESS AGRO L](#)



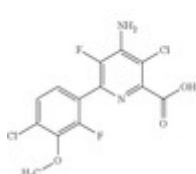
Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) a protoporphyrinogen oxidase inhibitor, e.g., acifluorfen, azafeniden, bifenox, carfentrazone-ethyl-ethyl, flumioxazin, ipfencarbazone, oxadiargyl, oxadiazon, oxyfluorfen, pentoxazone, pyraclonil, pyraflufenethyl and saflufenacil, or a salt or ester thereof. The compositions and methods provided herein provide control of undesirable vegetation, e.g., in direct-seeded, water-seeded and transplanted rice, cereals, wheat, barley, oats, rye, sorghum, corn or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, vegetables, industrial vegetation management (IVM) and rights-of-way (ROW).

18. [Herbicidal compositions comprising 4-amino-3-chloro-5-fluoro-6-\(4-chloro-2-fluoro-3-methoxyphenyl\)pyridine-2-carboxylic acid](#) BR102013018482 2013-03-15 [DOW AGROSCIENCES*](#)
[SHIVA S GUESS AGRO L](#)



Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) an auxin transport inhibitor. Exemplary auxin transport inhibitors include chlorflurenol-methyl, diflufenzopyr-sodium, flurenol-methyl and naptalam-sodium, or an agriculturally acceptable salt or ester derivative thereof. The methods and compositions described herein provide control of undesirable vegetation, e.g., in rice, cereals, wheat, barley, oats, rye, sorghum, corn or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, vegetables, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crop, industrial vegetation management (IVM) or rights of way (ROW).

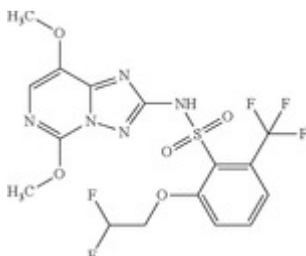
19. [Herbicidal compositions comprising 4-amino-3-chloro-5-fluoro-6-\(4-chloro-2-fluoro-3-methoxyphenyl\)pyridine-2-carboxylic acid](#) BR102013018526 2013-03-15 [DOW AGROSCIENCES*](#)
[SHIVA S GUESS AGRO L](#)



Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) dimethoxy-pyrimidine acids, including but not limited to bispyribac-sodium, pyribenzoxim, pyriftalid, pyriminobac-methyl and pyrimisulfan provide synergistic weed control of undesirable vegetation e.g., in direct seeded, water-seeded, and transplanted rice, cereals, wheat, barley, oats, rye, sorghum, corn or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, vegetables, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, industrial vegetation management (IVM) or rights of way (ROW).

Earliest application date : 2012-09-13

20. [Synergistic herbicidal composition containing penoxsulam and pretilachlor](#) BR102012023230 2012-09-13 [DOW AGROSCIENCES*](#)



Provided herein are synergistic herbicidal mixtures comprising a herbicidally effective amount of (a) penoxsulam and (b)

pretilachlor. The compositions may also contain an agriculturally acceptable adjuvant or carrier. Provided herein are also methods of controlling the growth of undesirable vegetation in multiple crops, including rice, cereal and grain crops, turf, IVM, sugar cane and tree and vine orchards, and the use of this synergistic composition.

Earliest application date : 2012-02-03

- | | | | | |
|-----|---|-----------|------------|---|
| 21. | Synergistic herbicidal composition containing penoxsulam and glyphosate | CA2826132 | 2012-02-03 | DOW AGROSCIENCES*
GUESS ALEXANDRA AGRO SCIENCE L |
|-----|---|-----------|------------|---|

$$\text{Expected} = A + B - (A \times B/100)$$

A synergistic mixture of penoxsulam and glyphosate controls weeds in crops, especially vines, range and pasture, industrial vegetation management, rights of way and in any glyphosate tolerant crop.

Earliest application date : 2011-10-27

- | | | | | |
|-----|---|--------------|------------|-----------------------------------|
| 22. | Synergistic herbicidal composition containing penoxsulam and oryzalin | WO2012058361 | 2011-10-27 | DOW AGROSCIENCES* |
|-----|---|--------------|------------|-----------------------------------|

$$\text{Expected} = A + B - (A \times B/100)$$

An herbicidal synergistic composition containing (a) penoxsulam and (b) oryzalin provides improved post-emergence herbicidal weed control in tree and vine crops, turf, sugar cane, range and pasture, parks and alleyways, and IVM.

Earliest application date : 2011-02-01

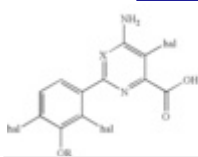
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|-----|--|---------------|------------|-----------------------------------|
| 23. | Synergistic herbicidal composition containing penoxsulam and flazasulfuron | US20110190136 | 2011-02-01 | DOW AGROSCIENCES* |
|-----|--|---------------|------------|-----------------------------------|



An herbicidal composition containing (a) penoxsulam and (b) flazasulfuron provides synergistic control of selected weeds.

Earliest application date : 2008-08-22

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|-----|--|-----------|------------|-----------------------------------|
| 24. | Synergistic herbicidal composition containing certain pyridine carboxylic acids and certain cereal and rice herbicides | CA2873516 | 2008-08-22 | DOW AGROSCIENCES* |
|-----|--|-----------|------------|-----------------------------------|



An herbicidal composition containing (a) a pyridine or pyrimidine carboxylic acid component and (b) a second cereal or rice herbicide component provides synergistic control of selected weeds.

Earliest application date : 2008-03-06

- | | | | | |
|-----|--|---------------|------------|-----------------------------------|
| 25. | Synergistic herbicidal composition containing chloroacetanilides and picolinic acids | US20080242546 | 2008-03-06 | DOW AGROSCIENCES* |
|-----|--|---------------|------------|-----------------------------------|



An herbicidal composition containing (a) an herbicidal chloroacetanilide component and (b) an herbicidal picolinic acid component provides synergistic control of selected broadleaf weeds.

ESPACENET

Documents cited:	Search	[Y]↗ CN102165956 ;
		[Y]↗ US2009298691 (KOSCHNICK TYLER J [US], et al) [Y] 1-18 * paragraph [0033] * * claims 6, 12 *;
		[Y]↗ WO2012030684 (DOW AGROSCIENCES LLC [US], et al) [Y] 1-18 * table 3 *
		[Y] - -, "Grasp Xtra Specimen Label", U.S.A., (20091008), pages 1 - 7, URL: https://s3-us-west-2.amazonaws.com/greenbook-assets/L90937.pdf , (20180511), XP055474230 [Y] 1-18 * page 1, column 1, line 1 - line 13 *
		[Y] - -, "Grasp Xtra: TWO MODES OF ACTION FOR SECOND-SHOT CONTROL OF TOUGH WEEDS", U.S.A., (20130225), pages 1 - 2, URL: http://msdssearch.dow.com/PublishedLiteratureDAS/dh_08c8/0901b803808c8e7b.pdf?filepath=pdfs/noreg/010-34104.pdf&fromPage=GetDoc , (20180509), XP055474145 [Y] 1-18 * page 1, column 1, line 1 - line 14 * * table 1 *
		[Y] - DATABASE WPI, 0, Derwent World Patents Index, vol. 2011, no. 71, Database accession no. 2011-M11888, XP002780946 & CN102165956 A 20110831 (GUANGDONG ZHONGXUN AGRIC SCI CO LTD) [Y] 1-18 * abstract * * tables 1, 2 *
International search		[Y] - NAM-IL PARK ET AL, "Herbicidal Efficacy of Bispyribac-sodium Combined with Other Herbicides for Annual Bluegrass (Poa annua L.) Suppression", KOR. TURFGRASS SCI., (20070101), vol. 21, pages 39 - 49, XP055474271 [Y] 1-18 * abstract * * table 2 *
		[Y] - R E STRAHAN, "TEXASWEED (CAPERONIA PALUSTRIS) CONTROL IN RICE WITH PENOXSULAM", SOUTHERN WEED SCIENCE SOCIETY. PROCEEDINGS, US, (20040126), vol. 57, ISSN 0362-4463, pages 70 - 70, XP055474291 [Y] 1-18 * abstract *
		[Y]↗ US2012184437 (MANN RICHARD K [US], et al) [Y] 1-7 * para [0005], [0010], [0022], [0036] *;
		[Y]↗ US2009298691 (KOSCHNICK TYLER J [US], et al) [Y] 1-7 * para [0018], [0022], [0033] *;
		[Y]↗ US2014094365 (MANN RICHARD K [US], et al) [Y] 4, 6 * para [0015]-[0016] *;
		[A]↗ US2014073505 (CARRANZA GARZON NELSON M [CO], et al) [A] 1-7 * para [0010], [0035] *

USPTO

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14/947,443
SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM, TRICLOPYR AND BISPYRIBAC
74810-US-NP

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Available Documents

Mail Room Date	Document Code	Document Description	Document Category	Page Count	PDF
06-13-2017	ABN	Abandonment	PROSECUTION	2	☐
12-08-2016	NTC.PUB	Notice of Publication	PROSECUTION	1	☐
10-06-2016	CTNF	Non-Final Rejection	PROSECUTION	12	☒
10-06-2016	892	List of references cited by examiner	PRIOR ART	2	☐
10-06-2016	NPL	Non Patent Literature	PRIOR ART	6	☐
10-06-2016	FOR	Foreign Reference	PRIOR ART	8	☐
10-06-2016	NPL	Non Patent Literature	PRIOR ART	2	☐
10-06-2016	NPL	Non Patent Literature	PRIOR ART	2	☐
10-06-2016	NPL	Non Patent Literature	PRIOR ART	3	☐
10-06-2016	SRNT	Examiner's search strategy and results	PROSECUTION	1	☐
10-06-2016	1449	List of References cited by applicant and considered by examiner	PRIOR ART	4	☐
10-06-2016	SRFW	Search information including classification, databases and other search related notes	PROSECUTION	1	☐
10-06-2016	FWCLM	Index of Claims	PROSECUTION	1	☐

EPOQUENET



New connection on: : 21-11-2018 : 17:02:26 - Last disconnection on: : 21-11-2018 : 15:37:23

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[EPODOC: SS 1] ..FI EPODOC



Database: EPODOC

Records: 111.387.482

Terms: 1.474.125.623

Occurrences: 22.531.783.035

Last Update: 20181120

[EPODOC: SS 1] Synergistic AND composition

Results in EPODOC **19.789**

[SS 2] Penoxsulam

Results in EPODOC **646**

[SS 3] riclopir AND bispiribac;

Results in EPODOC **0**

EPODOC: term 'RICLOPIR' not found in index 'BI'. WARNING(1)

[SS 4] riclopir AND bispiribac

Results in EPODOC **0**

EPODOC: term 'RICLOPIR' not found in index 'BI'. WARNING(1)

[SS 5] Triclopir

Results in EPODOC **1**

[SS 6] bispiribac

Results in EPODOC **2**

[SS 7] 1 AND 2

Results in EPODOC **217**

[SS 8] 7 AND 6

Results in EPODOC **0**

[SS 9] 7 AND 5

Results in EPODOC **0**

[SS 10] triclopyr

Results in EPODOC **238**

[SS 11] bispyribac

Results in EPODOC **240**

[SS 12] 10 AND 11

Results in EPODOC **17**

[SS 13] 17 AND 7

Non-existent or invalid SS number(s).

- Check with the command ..HI. When searching for numbers, use quotes e.g. "4" W
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[SS 13] 7 AND 12

Results in EPODOC 12

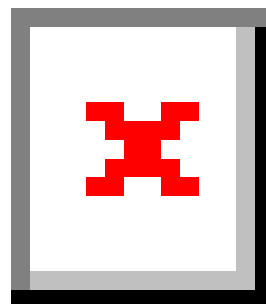
[SS 14] ..li ti ab pn



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TI - **SYNERGISTIC HERBICIDAL COMPOSITION**
CONTAINING **PENOXsulAM**, **TRICLOpyr**
AND **BISpyRIBAC**

AB - Methods for controlling weeds
using **synergistic** compositions
containing **penoxsulam**, **triclopyr**,
and **bispyribac**, especially rice, sugarcane,
cereal and grain crops, pastures,
rangelands, industrial vegetation
management (IVM), aquatics and turf, as
well as protecting crops from herbicidal
injury caused by any of the individual
components. These methods provide
improved post-emergence herbicidal weed
control and reduce herbicidal injury by
concomitant application of the mixture.



PN - [PH12017501093](#) A1 20171018

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TI - **SYNERGISTIC HERBICIDAL COMPOSITION**
CONTAINING **PENOXsulAM**, **TRICLOpyr**
AND **BISpyRIBAC**

AB - A **synergistic composition**
containing **penoxsulam**, **triclopyr**,



and **bispyribac** for controlling weeds in crops, especially rice, sugarcane, cereal and grain crops, pastures, rangelands, industrial vegetation management (IVM), aquatics and turf is described herein. These compositions provide improved post-emergence herbicidal weed control and reduce herbicidal injury by concomitant application of the mixture.

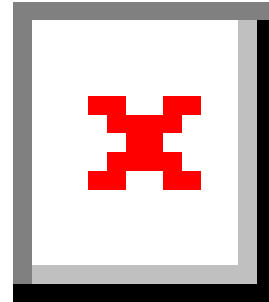
PN - [PH12017501092](#) A1 20171018

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TI - **SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM, TRICLOPYR AND BISPYRIBAC.**

AB - A **synergistic composition** containing **penoxsulam**, **triclopyr**, and **bispyribac** for controlling weeds in crops, especially rice, sugarcane, cereal and grain crops, pastures, rangelands, industrial vegetation management (IVM), aquatics and turf is described herein. These compositions provide improved post-emergence herbicidal weed control and reduce herbicidal injury by concomitant application of the mixture.

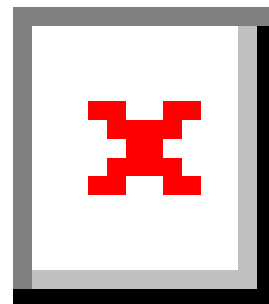
PN - [MX2017007523](#) A 20170822



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TI - **SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM, TRICLOPYR AND BISPYRIBAC.**

AB - Methods for controlling weeds using **synergistic** compositions containing **penoxsulam**, **triclopyr**, and **bispyribac**, especially rice, sugarcane, cereal and grain crops, pastures, rangelands, industrial vegetation management (IVM), aquatics and turf, as



well as protecting crops from herbicidal injury caused by any of the individual components. These methods provide improved post-emergence herbicidal weed control and reduce herbicidal injury by concomitant application of the mixture.

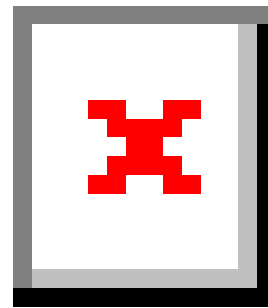
PN - [MX2017007521](#) A 20170822

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TI - **Synergistic herbicidal composition** containing **penoxsulam**, **triclopyr** and **bispyribac**

AB - A **synergistic composition** containing **penoxsulam**, **triclopyr**, and **bispyribac** for controlling weeds in crops, especially rice, sugarcane, cereal and grain crops, pastures, rangelands, industrial vegetation management (IVM), aquatics and turf is described herein. These compositions provide improved post-emergence herbicidal weed control and reduce herbicidal injury by concomitant application of the mixture.

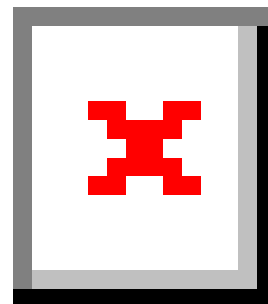
PN - [CN106998687](#) A 20170801



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TI - **Synergistic herbicidal composition** containing **penoxsulam**, **triclopyr** and **bispyribac**

AB - Methods for controlling weeds using **synergistic** compositions containing **penoxsulam**, **triclopyr**, and **bispyribac**, especially rice, sugarcane, cereal and grain crops, pastures, rangelands, industrial vegetation management (IVM), aquatics and turf, as well as protecting crops from herbicidal injury caused by any of the individual components. These methods provide



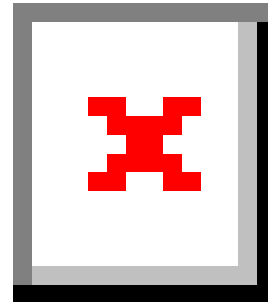
improved post-emergence herbicidal weed control and reduce herbicidal injury by concomitant application of the mixture.

PN - [CN106998686](#) A 20170801

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TI - **SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM, TRICLOPYR AND BISPYRIBAC**

AB - A **synergistic composition** containing **penoxsulam**, **triclopyr**, and **bispyribac** for controlling weeds in crops, especially rice, sugarcane, cereal and grain crops, pastures, rangelands, industrial vegetation management (IVM), aquatics and turf is described herein. These compositions provide improved post-emergence herbicidal weed control and reduce herbicidal injury by concomitant application of the mixture.

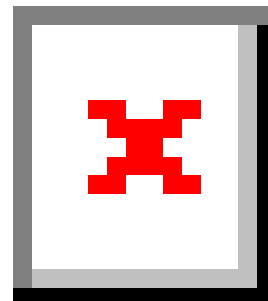


PN - [US2016353738](#) A1 20161208

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TI - **SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM, TRICLOPYR AND BISPYRIBAC**

AB - Methods for controlling weeds using **synergistic** compositions containing **penoxsulam**, **triclopyr**, and **bispyribac**, especially rice, sugarcane, cereal and grain crops, pastures, rangelands, industrial vegetation management (IVM), aquatics and turf, as well as protecting crops from herbicidal injury caused by any of the individual components. These methods provide improved post-emergence herbicidal weed control and reduce herbicidal injury by concomitant application of the mixture.

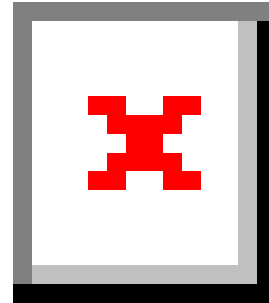


PN - [WO2016099803](#) A1 20160623

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TI - **SYNERGISTIC HERBICIDAL COMPOSITION**
CONTAINING **PENOXsulAM**, **TRICLOPYR**
AND **BISPYRIBAC**

AB - A synergistic composition containing **penoxsulam**, **triclopyr**, and **bispyribac** for controlling weeds in crops, especially rice, sugarcane, cereal and grain crops, pastures, rangelands, industrial vegetation management (IVM), aquatics and turf is described herein. These compositions provide improved post-emergence herbicidal weed control and reduce herbicidal injury by concomitant application of the mixture.

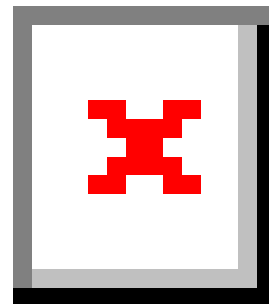


PN - [WO2016099802](#) A1 20160623

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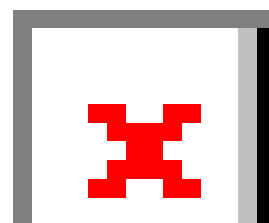
TI - (A1 A4)
SYNERGISTIC HERBICIDAL COMPOSITION
CONTAINING **PENOXsulAM**, **TRICLOPYR**
AND **BISPYRIBAC**

PN - [EP3232787](#) A1 20171025



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TI - (A1 A4)
SYNERGISTIC HERBICIDAL COMPOSITION
CONTAINING **PENOXsulAM**, **TRICLOPYR**
AND **BISPYRIBAC**

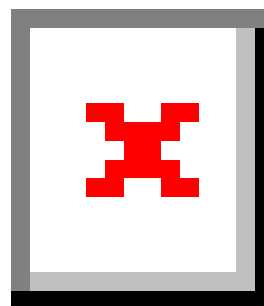


PN - [EP3232786](#) A1 20171025

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TI - **SYNERGISTIC HERBICIDAL COMPOSITION**
CONTAINING **PENOXsulAM**, **TRICLOPYR**
AND **BISPYRIBAC**

AB - Methods for controlling weeds using **synergistic** compositions containing **penoxsulam**, **triclopyr**, and **bispyribac**, especially rice, sugarcane, cereal and grain crops, pastures, rangelands, industrial vegetation management (IVM), aquatics and turf, as well as protecting crops from herbicidal injury caused by any of the individual components. These methods provide improved post-emergence herbicidal weed control and reduce herbicidal injury by concomitant application of the mixture.



PN - [US2016165891](#) A1 20160616

[SS 14]