



## TOBACCO RESEARCH BOARD

KUTSAGA

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*Please address all  
correspondence to  
the General Manager*

19 October 2017

To: All Tobacco Growers  
cc: Contractors  
Merchants  
Agrochemical Companies

Dear Grower

### **AGROCHEMICALS APPROVED BY THE TOBACCO RESEARCH BOARD: 19 OCTOBER 2017**

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The agrochemicals approved for use on tobacco by the Tobacco Research Board during the last quarter of 2017 are shown in Table 1. Any chemical not appearing in the table is either not currently countenanced by the TRB or has been removed from the list of approved agrochemicals based on the provisions of the new Pesticide Approval Scheme Service which came into effect on 1 July 2011. The list of agrochemicals which TRB no longer approves for use on tobacco and whose approvals will not be renewed are shown in Table 2 and in addition, the list of new active ingredients under trial are shown in Table 3. Further more after consultations with the industry's stakeholders, EDB registrations have been extended by a year and will be reviewed periodically thereafter.

If you have any queries regarding the above, or require further information on a particular product, please feel free to contact Kutsaga Research Station's Plant Health Services Division (formerly Crop Protection Division) on telephone (04) 575 289-94.

Yours faithfully,

Rhoda Mavuka (Mrs.)

*Entomologist, Plant Health Services*

**Coordinator – TRB Pesticide Approval Scheme Service**

**TABLE 1: AGROCHEMICALS APPROVED FOR USE ON TOBACCO – 19 OCTOBER 2017**

CHEMICAL NAME*	TRADE NAME	COMPANY	TRB CERT. NUMBER		EXPIRY DATE	
			DISTRIBUTOR	OLD		CURRENT
<b>FUNGICIDES</b>						
Azoxystrobin <sup>G</sup>	Ortiva 250 SC	Syngenta	N/A	17-20-B-35	25-May-20	
	Azoxystrobin 25 EC	Windmill	N/A	17-19-B-41	10-Nov-19	
Azoxystrobin+ difenoconazole <sup>G</sup>	Othello Top	Cropserve	N/A	15-18-B-65	25-Jul-18	
	Armistar Top	Syngenta	N/A	17-18-B-01	17-Nov-18	
	Sky 32.5 EC	TSA	N/A	17-18-B-49	24-Sept-18	
Chlorothalonil <sup>G</sup>	Chlorothalonil 72 SC	Citchem	N/A	15-18-B-15	08-Jan-18	
	Bravo 720 SC	Syngenta	12-15-B-11	15-18-B-21	04-Jan-18	
	Chlorothalonil 500 SC	TSA	12-15-B-21	15-18-B-37	11-Jun-18	
	Chlorothalonil 500 SC	Polachem	12-15-B-62	15-18-B-52	15-Sept-18	
	Bravo 500 SC	Agricura	12-15-B-25	15-18-B-63	29-Jul-18	
	Chlorothalonil 50 SC	Fercochem	13-16-B-31	16-19-B-40	4-May-19	
	Chlorothalonil 720 SC	Nova-Agro	N/A	16-19-B-53	16-Jul-19	
	Chlorothalonil 720 SC	Fercochem	N/A	16-19-B-67	12-Feb-19	
	Mycogaurd 720 sc	Polachem	13-16-B-86	16-19-B-74	13-Sept-19	
	Chlorothalonil 500 SC	Windmill	N/A	16-19-B-85	16-Jun-19	
	Chlorothalonil 50 SC	Citchem	N/A	17-19-B-12	08-Feb-19	
	Chlorothalonil 500 SC	Curechem	N/A	17-20-B-28	19-Jan-20	
	Chlorothalonil 50 SC	Windmill	N/A	17-19-B-51	22-May-19	
	Copper oxychloride <sup>A</sup>	Copper oxychloride 85 WP	ZFC	16-17-B-09	17-20-B-74	19-Jul-20
		Copper oxychloride 85 WP	Agricura	12-14-B-03	14-17-B-58	18-Nov-17
Copcure 85 WP		Curechem	15-16-B-30	16-19-B-61	01-Mar-19	
Copper oxychloride		TSA	14-17-B-08	17-20-B-18	23-Feb-20	
Copper oxychloride 85 WP		Citchem	N/A	17-19-B-32	08-Jan-19	
Copper oxychloride 85 WP		Polachem	14-17-B-26	17-20-B-65	23-Jun-20	
Fluquinconazole <sup>G</sup>	Galmano 167 FS	Bayer	N/A	15-18-B-29	09-Feb-18	
Fluoxystrobin + Chlorothalonil <sup>G</sup>	Evito C	Polachem	N/A	17-20-B-64	13-Jul-20	
Fluoxystrobin+ tebuconazole <sup>G</sup>	Evito T	Polachem	14-17-B-35	17-20-B-63	06-Jun-20	
Kresoxim-methyl <sup>G</sup>	Stroby	Pivotal	13-15-B-05	15-18-B-53	03-Sept-18	
	Kreso 50 WP	Polachem	N/A	15-18-B-76	06-Jul-18	

Mancozeb <sup>G</sup>	Mancozeb 800 WP	Refiloe	N/A	15-18-B-18	31-Mar-18
	Mancozeb 80 WP	TSA	14-15-B-60	15-18-B-45	11-Jun-18
	Spoton M 80 WP	Citchem	13-16-B-30	16-19-B-34	05-Feb-19
	Curethane	Curechem	N/A	17-19-B-02	24-Dec-19
	Dethane	Cropserve	N/A	17-20-B-09	10-Jan-20
	Mancozeb 800 WP	Refiloe	N/A	17-19-B-59	13-May-19
	Mancozeb 800 WP	Polachem	N/A	17-20-B-68	04-April-20
	Metalman WP	ZFC	N/A	17-20-B-77	21-Dec-20
Metalaxyl+Mancozeb <sup>A</sup>	Crater Mix	Polachem	13-16-B-94	16-19-B-75	08-Sept-19
	Chemalaxyl	Curechem	N/A	17-20-B-29	13-Jan-20
Propamocarb hydrochloride	Previcur	Bayer	N/A	17-1B-61	10-Sept-19
Propineb <sup>G</sup>	Antracol 70 WP	Bayer	14-17-B-52	17-20-B-72	23-Sept-20
Tebuconazole <sup>G</sup>	Folicur 250 EC	Bayer	14-17-B-21	17-20-B-36	8-May-20
	Tebuconazole 250 EC	ZFC	15-17-B-70	17-20-B-76	30-May-20
Tebuconazole + Trifloxystrobin <sup>G</sup>	Nativo 300 SC	Bayer	12-15-B-57	16-18-B-02	12-Sept-18
Triadimenol <sup>G</sup>	Poladime 250 EC	Polachem	11-14-B-87	15-17-B-24	04-Nov-17
	Triadimenol	Curechem	13-15-B-89	15-18-B-38	07-May-18
	Triadimenol 25 EC	Fercochem	12-15-B-16	15-18-B-32	11-May-18
	Shavit 25 EC	Agricura	12-15-B-27	15-18-B-64	29-Jul-18
	Triadimenol 25 EC	TSA	N/A	16-18-B-01	11-Jun-18
	Shavit 25 EC	TSA	N/A	16-18-B-01	11-Jun-18
	Shavit 25 EC	ZFC	N/A	16-19-B-60	31-Mar-19
	Triadimenol 250 EC	Nova Agro	13-16-B-42	16-19-B-44	16-Jul-19
	Shavit 25 EC	Windmill	N/A	16-19-B-84	30-Mar-19
	Shavit 25 EC	Adama	N/A	17-20-B-48	24-Apr-20
Trifloxystrobin <sup>G</sup>	Twist 500 SC	Bayer	N/A	15-18-B-33	20-Mar-18
	Trifloxystrobin 50 wg	Citchem	N/A	16-18-B-21	20-Oct-18

**\* Please refer to the Flue-cured Tobacco Handbook Section H for rates and recommendations**

#### HERBICIDES

Clomazone <sup>G</sup>	Clomazone 48 EC	Curechem	13-15-C-85	15-18-C-36	07-May-18
	Clomazone 480 EC	Nova Agro	13-16-C-34	16-19-C-50	16-Jul-19
	Command	Pivotal	14-16-C-04	16-19-C-71	22-Jul-19
	Kalif	Fercochem	14-17-C-02	17-19-G-05	07-Feb-19

	Clomazone 48 ec	Citchem	N/A	17-19-C-31	04-Nov-19
	Polazone	Polachem	N/A	17-20-C-57	03-Aug-20
	Clomazone 480 EC	Astra	N/A	17-18-C-71	31-Aug-18
Dithenamid-p <sup>G</sup>	Frontier optima	Pivotal	14-17-C-44	17-20-C-60	25-Jul-20
Fluazifop-p-butyl <sup>G</sup>	Fusilade Forte 150 EC	Syngenta	12-15-C-12	15-18-C-22	12-Jan-18
	Fluazifop-p-butyl 10 EC	Citchem	N/A	16-18-C-17	31-Jul-18
	Volley 125 ec	Polachem	13-16-C-84	16-19-C-72	13-Sept-19
	AcolFop Super 12.5 EC	TSA	14-17-C-48	17-20-C-22	06-Mar-20
	Fluazifop-p-butyl 12.5 EC	Astra	N/A	17-18-C-22	31-Aug-18
Halosulfuron <sup>A</sup>	Cyprex	Polachem	N/A	16-18-C-80	29-May-18
Propaquizafop <sup>G</sup>	Agil 100 EC	Agricura	13-15-C-46	15-18-C-62	29-Jul-18
	Propaquizafop 10 EC	Citchem	N/A	16-18-C-20	29-Oct-18
	Propaquizafop 10 EC	TSA	12-15-C-60	15-18-C-39	10-Jun-18
	Agil 100 EC	Fercochem	13-16-C-75	16-19-C-68	16-Jul-19
	Agil 100 EC	Windmill	N/A	16-19-C-83	30-Mar-19
	Agil 100 EC	Adama	N/A	17-20-C-44	24-Apr-20
	Propaquizafop 100 EC	Astra	N/A	17-18-C-70	31-Aug-18
S-Metolachlor <sup>G</sup>	Rush 960 EC	Cropserve	N/A	15-18-C-66	25-Jun-18
	S-Metolachlor 960 EC	TSA	N/A	17-19-C-21	12-Dec-19
	S-Metolachlor 96 EC	Citchem	N/A	17-19-C-30	14-Jan-19
	Baseline 960	Polachem	N/A	17-19-C-42	26-Jul-19
Sulfentrazone <sup>G</sup>	Authority 480 SC	Pivotal	13-15-C-63	15-18-C-54	08-Oct-18
	Ethos 480 SC	Cropserve/Sineria	N/A	16-18-C-79	25-Jun-18
<b>SUCKERCIDES</b>					
N-Decanol <sup>G</sup>	Thekanol	Fercochem	12-15-G-46	15-18-C-55	02-Oct-18
	N-Decanol	TSA	N/A	15-18-G-51	11-Jun-18
	N-Decanol	Pivotal	N/A	15-18-G-48	24-Feb-18
	Bac-Tac 79 EC	Windmill	12-16-G-66	16-18-G-31	20-Nov-18
	N-Decanol	Citchem	N/A	16-19-G-15	14-Jan-19
	N-Decanol	Polachem	13-16-G-24	16-19-G-12	20-Feb-19
	N-Decanol	Nova Agro	13-16-G-40	16-19-G-45	16-Jul-19
	Sucker-Tac	Polachem	N/A	16-19-G-58	24-May-19
	Suckerkill	ZFC	N/A	16-19-G-43	31-Mar-19
	Avi N-Decanol	Fercochem	N/A	16-19-G-70	19-Jul-19
	N-decanol	Curechem	14-17-G-06	17-20-G-03	24-Jan-20
Pendimethalin <sup>G</sup>	Accotab	Pivotal	13-15-G-06	15-18-G-56	03-Sep-18
	Pendimethalin	Fercochem	N/A	15-18-G-50	14-Sept-18

	Pendax 330 EC	Cropserve	N/A	17-18-G-10	25-Jun-18
	Paragon 500 EC	Polachem	15-16-C-77	16-19-G-81	08-Sept-19
	Polatab	Polachem	N/A	17-19-G-16	17-Nov-19
	Pendimethalin	TSA	14-17-G-12	17-20-G-20	06-Mar-20
	Pendimethalin 33 EC	Windmill	N/A	17-19-C-40	10-Nov-19

Flumetralin <sup>G</sup>	Primal 125 EC	Fercochem	N/A	16-18-G-69	19-Jun-18
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#### GROWTH REGULANTS

Ethephon <sup>G</sup>	Ethephon	Polachem	N/A	14-17-G-63	27-Oct-17
	Ethephon	Citchem	N/A	16-18-G-22	01-Jul-18
	Ethephon 480 SL	ZFC	N/A	17-17-G-62	19-Nov-17

**\* Please refer to the Flue-cured Tobacco Handbook Section D2 for rates and recommendations**

#### INSECTICIDES

Abamectin +Acetamiprid <sup>G</sup>	Orizon	Cropserve/Sineria	N/A	16-19-D-88	04-Nov-19
Acetamiprid <sup>A</sup>	Acetacure 20 SP	Curechem	N/A	16-18-D-04	04-Dec-18
	Acolmiprid 20 SP	TSA	14-17-D-49	17-20-D-23	06-Mar-20
	Acetamiprid 20 SP	Fercochem	14-17-D-23	17-20-D-38	05-May-20
Acetamiprid+ Lambdacyhalothrin <sup>A</sup>	Bullet 60 EC	Nova-Agro	N/A	16-18-D-26	19-Jun-18
	Volt 60 EC	CP Chemicals	N/A	16-19-D-35	07-Apr-19
	Dash 60 EC	TSA	N/A	16-18-D-36	26-Mar-18
	Chaya Extra WG	Citchem	N/A	17-20-D-37	14-Mar-20
Alphacypermethrin <sup>A</sup>	Fastac 10 EC	Pivotal Agroservices	13-16-D-17	16-19-D-63	01-Jun-19
Cartap hydrochloride	Cartap hydrochloride 500 SP	TSA	N/A	17-20-D-53	06-Mar-20
Chlorantraniliprole <sup>G</sup>	Coragen 20 SC	Polachem	15-16-D-46	16-18-D-76	17-Jul-18
Chlorpyrifos <sup>R</sup>	Chlorpyrifos 48 EC	Citchem	12-14-D-04	15-17-D-14	18-Dec-17
	Chlorpyrifos 48 EC	Agricura	12-15-D-68	15-18-D-60	29-Jul-18
	Pyrinex	Windmill	12-15-D-63	16-18-D-30	20-Nov-18
	AVI-Klorpirifos 480 EC	Fercochem	12-15-D-05	15-18-D-09	29-Jan-18
	Chlorpyrifos 480 EC	Polachem	13-16-D-28	16-19-D-38	10-Mar-19
	Chlorpyrifos 480 EC	Nova Agro	13-16-D-33	16-19-D-51	16-Jul-19
	Chlorpyrifos 48 EC	Curechem	N/A	16-19-D-86	10-Jul-19
	Pyrinex 48 EC	Fercochem	12-15-D-47	17-19-D-04	12-Oct-19
	Chlorpyrifos 48 EC	TSA	N/A	17-19-D-17	17-Jul-19
	Chlorpyrifos 48 EC	ZFC	15-17-D-28	17-19-D-75	18-Jul-19

Deltamethrin <sup>R</sup>	Deltagaurd 25 SC	Chemplex	N/A	16-18-D-06	30-Apr-18
	Deltagaurd 50 WP	Chemplex	N/A	16-18-D-07	04-Sept-18
	Deltagaurd 25 EC	Chemplex	N/A	16-18-D-08	30-Apr-18
	Decis Forte	Bayer	14-17-D-11	17-20-D-07	25-Jan-20
Dimethoate <sup>R</sup>	Dimethoate 40 EC	TSA	12-15-D-23	15-18-D-40	11-Jun-18
	Dimethoate 40	Fercochem	12-15-D-45	15-18-D-49	22-Sep-18
	Dimethoate 40 EC	Agricura	12-15-D-69	15-18-D-61	29-Jul-18
	Dimethoate 40 EC	ZFC	N/A	15-18-D-74	08-Oct-18
	Dimethoate 40 EC	Windmill	12-15-D-65	16-18-D-32	20-Nov-18
	Dimethoate 40 EC	Polachem	N/A	16-19-D-38	10-Feb-19
	Dimethoate 40 EC	Nova Agro	13-16-D-35	16-19-D-49	16-Jul-19
	Dimethoate 40 EC	Curechem	14-17-D-17	17-20-D-73	18-Sept-20
Emmamectine Benzoate <sup>E</sup>	Prove 1.9 EC	Intercrop/Sineria	N/A	14-17-D-74	03-Dec-17
	Tide Plus 5 WG	TSA	N/A	17-19-D-55	18-Aug-19
	Tide 1.92 EC	TSA	N/A	17-18-D-56	26-Mar-18
Emmamectine Benzoate + Acetamiprid <sup>E</sup>	Blast Super	Intercrop/Sineria	N/A	16-17-D-89	30-Oct-17
Flubendiamide <sup>G</sup>	Belt	Bayer	13-16-D-92	16-19-D-82	18-Oct-19
Flubendiamide+ thiacloprid <sup>G</sup>	Belt Expert	Bayer	14-17-D-45	17-20-D-54	31-Jul-20
Fipronil <sup>A</sup>	Regent 200 SC	Pivotal	13-15-D-07	15-18-D-58	03-Sep-18
Imidacloprid <sup>G</sup>	Imidacloprid 200 SL	TSA	14-15-D-50	15-18-D-41	11-Jun-18
	Kohinor 200 SL	Fercochem	12-15-D-14	15-18-D-27	28-Mar-18
	Imidacloprid 200 SL	Nova Agro	13-16-D-37	16-19-D-48	16-Jul-19
	Imidacloprid 200SL	Cropserve	13-16-D-23	16-19-D-11	25-Feb-19
	Imidacloprid 200 SL	Fercochem	13-16-D-76	16-19-D-65	16-Jul-19
	Imidacloprid 200 SL	Curechem	N/A	17-20-D-14	13-Jan-20
	Kohinor 200SL	Adama	N/A	17-20-D-45	24-April-20
Imidacloprid <sup>A</sup>	Bandit 350 SC	Polachem	12-15-D-61	15-18-D-75	31-Oct-18
	Imidacloprid 350 SC	Refiloe	N/A	16-18-D-56	05-Jun-18
	Imidacloprid 350 SC	Nova Agro	13-16-D-38	16-19-D-47	16-Jul-19
	Kohinor 200SL	Adama	N/A	17-20-D-46	24-April-20
	Kohinor 350 SC	Fercochem	13-16-D-14	16-19-D-13	10-Mar-19
	Imidacloprid 350 SC	Cropserve	13-16-D-22	16-19-D-23	25-Feb-19
	Imidacloprid 350 SC	Fercochem	13-16-D-77	16-19-D-66	16-Jul-19
	Imidacloprid 350 SC	TSA	N/A	17-20-D-24	06-Mar-20

Imidacloprid <sup>A</sup>	Confidor 70 WG	Bayer	14-17-D-10	17-20-D-08	25-Jan-20
	Imidacloprid 70 WS	TSA	N/A	17-20-D-52	06-Mar-20
Imidacloprid <sup>A</sup>	Gaucho 600 FS	Bayer	12-15-D-43	15-18-D-34	09-Jun-18
Imidacloprid+beta cyfluthrin <sup>A</sup>	Thunder 145 OD	Bayer	14-17-D-36	17-20-D-66	03-Aug-20
Indoxacarb <sup>G</sup>	Steward 150 EC	Polachem	14-15-D-46	15-18-D-42	15-Jun-18
	Indoxacarb 14.5 SC	Citchem	N/A	17-18-D-13	08-Jan-18
	Blanket 150 SC	Pivotal	N/A	16-19-D-77	27-Jul-19
	Missile 150 SC	TSA	N/A	17-18-D-67	26-Mar-18
Indoxacarb + Acetamiprid	Aryna 46 EC	Polachem	N/A	17-19-D-34	04-Nov-19
Lambdacyhalothrin <sup>R</sup>	Lambdacure 5 EC	Curechem	N/A	16-18-D-05	04-Dec-18
	Lambdacyhalothrin	Refiloe	N/A	16-19-D-25	08-Sept-19
	Lambda Cyhalothrin 5 EC	Fercochem	13-16-D-32	16-19-D-39	04-May-19
	Lambda-cyhalothrin 50 EC	Nova Agro	13-16-D-45	16-19-D-46	16-Jul-19
	Fortis K	Polachem	N/A	17-19-D-15	20-Nov-19
	Acol Lambda 5 EC	TSA	14-17-D-56	17-20-D-19	06-Mar-20
	Karate Zeon 5 CS	Syngenta	15-17-D-23	17-20-D-33	26-Feb-20
	Lambda Cyhalothrin 5 EC	Adama	N/A	17-20-D-47	24-April-20
	Lambda Cyhalothrin 50 EC	Refiloe	N/A	17-19-D-58	13-May-19
Lambdacyhalothrin + imidacloprid	Elite	TSA	N/A	17-20-D-50	31-Mar-20
Methomyl <sup>P</sup>	Methomex 90 SP	Windmill	12-15-D-64	16-18-D-33	20-Nov18
	Methomyl 90 SP	Nova-Agro	N/A	16-18-D-52	19-Mar-18
	Methomyl 90 SP	Citchem	13-16-D-29	16-19-D-28	05-Feb-19
Prosular oxymatrine <sup>G</sup>	Levo 2.4 SL	Sineria/Cropserve	N/A	14-17-D-70	03-Dec-17
Thiacloprid <sup>A</sup>	Calypso 480 SC	Bayer	12-15-D-44	15-18-D-35	09-Jun-18
Thiamethoxam <sup>G</sup>	Thiamethoxam 25 WG	Citchem	N/A	16-18-D-18	30-Mar-18
	Thiamex	Polachem	N/A	16-19-D-78	19-Aug-19

**\* Please refer to the Flue-cured Tobacco Handbook Section I for rates and recommendations**

#### **NEMATICIDES**

Dazomet <sup>A</sup>	Basamid GR	Pivotal	13-14-E-17	14-17-E-61	24-Oct-17
	Serpent GR	Cropserve	N/A	17-18-E-78	25-Jun-18
Fenamiphos <sup>P</sup>	Fenamiphos 40 EC	Citchem	13-15-E-25	14-17-E-67	18-Sept-17

	Fenamiphos 40 EC	Citchem	N/A	16-18-E-27	01-Sept-18
	Fenamiphos	TSA	13-15-E-83	15-18-E59	11-Jun-18
	Fenamiphos 10 G	Fercochem	13-16-E-01	16-19-E-03	12-Jan-19
	Fenamiphos 40 EC	Curechem	N/A	17-19-E-27	02-Mar-19
Metam Sodium <sup>P</sup>	Metham Sodium	TSA	N/A	14-17-E-09	29-Dec-17
	Metham Sodium	Citchem	N/A	15-18-E-47	30-Mar-18
	Herbifume	Refiloe	15-16-E-20	16-19-E-24	12-Feb-19
	Metham Sodium 50 SL	ZFC	N/A	16-19-E-87	19-Aug-19
Oxamyl <sup>P</sup>	Oxamyl 31 SL	Citchem	N/A	16-18-E-16	10-Jul-18
	Oxamyl 310 SL	Refiloe	N/A	16-18-E-54	08-Sept-18
	Oxamyl 100 GR	Refiloe	N/A	16-18-E-55	08-Sept-18
	Blockade G	Polachem	12-15-E-30	15-18-E-43	06-Jul-18
	Oxamyl 310 SL	TSA	N/A	17-18-E-25	17-Nov-18
	Vyten 10 GR	SIneria	13-15-E-68	15-18-E-31	25-Apr-18
	Vydate SL	Polachem	N/A	16-19-E-73	13-Sept-19
	Vydate GR	Polachem	N/A	17-19-E-11	25-May-19
	Blockade SL	Polachem	N/A	17-19-E-06	09-Apr-19
	Oxamyl 310 SL	Curechem	N/A	17-19-E-26	02-Mar-19
	Oxamyl 310 SL	Nova Agro	N/A	17-17-E-39	27-Oct-17
Fluopyram <sup>G</sup>	Velum Prime 408 SC	Bayer	N/A	15-18-E-16	09-Feb-18
	Velum 500 SC	Bayer	N/A	16-19-E-59	24-May-19

\* Please refer to the Flue-cured Tobacco Handbook Section G for rates and recommendations

\* Toxicity colour triangle code (G-Green, A-Amber, R-Red, P-Purple)

**TABLE 2: AGROCHEMICALS WHICH HAVE BEEN DROPPED FROM THE LIST OF TOBACCO-APPROVED AGROCHEMICALS**

ACTIVE INGREDIENT	CATEGORY
Aldicarb	Nematicide
Acephate	Insecticide
Fenvalerate	Insecticide
Methamidophos	Insecticide
Monocrotophos	Insecticide
Thiodicarb	Insecticide
Benomyl	Fungicide
Alachlor	Herbicide
Dimethenamid	Herbicide



Metolachlor	Herbicide
Trifluralin	Herbicide
Butralin	Growth Regulant

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**TABLE 3: LIST OF NEW ACTIVE INGREDIENTS UNDER TRIAL 2016-17**

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**INSECTICIDES**

- Abamectin
- Indoxacarb+Acetamiprid
- Azadarachtin

**NEMATOCIDES**

- Paecilomyces
- Fluensulfone

**FUNGICIDES**

- Pyraclostrobin+dimethomoprh
  - Kasugamycin
  - Azoxystrobin/difenoconazole
  - Flouxystrobin
  - Phosphonic acid
- 

*Sent by Kutsaga Seeds as a service to growers to ensure sustainable and responsible tobacco production.*

