

Corteva Agriscience[™] IR-4 Update

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New Technology Virtual Session

July, 2023

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Intrepid 2F insecticide (methoxyfenozide)

Active projects

- Fig - Final Report in QA Submit 4Q2023

Recent Approvals

- Rice (California only) EPA SAL 10/12/2022
- Multiple Crop Group conversions CA SAL 3/9/2023
 - Leafy Veg 4-16;
 - Brassica Head and Stem 5-16;
 - Stalk & Stem 22B;
 - Tropical 23C & 24A; Cottonseed oil 20C

Delegate WG/Radiant SC insecticides (spinetoram)

Active projects

- Asparagus (spear) - PRIA 8/2023
- GH cucumber (CG 9B), “
- GH leafy greens (CG 4-16A), “
- GH pepper & tomato (CG 8-10) “

- Sesame - Residue trials complete
- Submit 4Q2023

Current Requests

- Hops Registered.
Need additional trials for export.

Clouser SC/Sequoia CA (sulfoxaflor)

Current trials

- Mango (CG 24B)
- Quinoa
- Dry Shelled Pea (CG 6C)

Trials Complete/Final Report
Trials Complete
Study Complete

Pending Submission

- GH cucumber (CG 9B),
- GH leafy greens (CG 4-16A),
- GH pepper & tomato (CG 8-10)

On Hold

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“

Embed Extra herbicide (2,4-D choline)

Residue Trials

- Strawberry (plastic mulch)

- Trials 2022; Submit 2025

Crop Safety Trials

- Strawberry (plastic mulch)
- Caneberry
- Date palms
- Quinoa

Stinger herbicide (clopyralid)

- Hazelnut (filbert)
 - Crop safety trials complete
 - Residue trials complete
 - Submit 12/23

Rinskor herbicide (florpyrauxifen-benzyl)

Crop Safety Trials

- Coffee
- Papaya

Pending request

- Pomegranate



Starane (fluroxypyr)

Residue Trials

- Mint (CG 25AB)
 - Rye
- Trials 2022; Submit 2025
 - No trials. Submit no-data petition.

Matrix™ SG herbicide (rimsulfuron)

Recent Approvals

- Olive
 - EPA SAL 1/24/2023, CA in review
- Pomegranate
 - EPA SAL 1/24/2023, CA in review

Residue Trials

- Avocado (CG 24B)
 - Residue trials 2023, Submit 4Q2025

Rinskor herbicide (florpyrauxifen-benzyl)

EPA Granted Tolerance Exemptions.
Only Efficacy / Crop Safety Trials Needed.

Crop Safety Trials / Integrated Solutions

- Blueberry
- Coffee
- Date palm
- Hazelnut
- Papaya
- Pomegranate
- Quinoa
- Wild Rice

No
crop injury
observed
to date

Salibro™ (Reklemel™ nematicide)

Federal Registration Expected August 2023

- Carrots, Cucurbit vegetables (crop group 9),
- Fruiting vegetables (crop group 8-10),
- Nonbearing citrus fruit (crop group 10-10),
- Nonbearing stone fruit (crop group 12-12),
- Nonbearing tree nut (crop group 14-12),
- Nonbearing small fruit vine climbing subgroup, except fuzzy kiwifruit (crop subgroup 13-07F),
- Tuberous and Corm vegetables (crop subgroup 1C).



Salibro™, cont.

IR-4 Current projects

- Mint - in progress, Submit 4Q2024
- Radish - in progress, submit 4Q2024; Completes Root & Tuber CG 1B

IR-4 PCR Requests

- Hops – Manufacturer supports
- Banana – Request efficacy on nematode species before residue trials
- Coffee – Request efficacy on nematode species before residue trials
- Onion – Request efficacy on nematode species before residue trials
- Sugar Beet – Request efficacy on nematode species before residue trials

Tanos[®] (Famoxadone + cymoxanil)

Famoxadone Registration Review completed 2022.

Re-Activated projects

- Root Veg (Carrot/Radish/Ginseng) (CG 01B) - EPA go-ahead to resubmit.
- Brassica Leafy Greens (CG4016B) - Submission pending
- Succulent/Dried Shelled Bean (CG 6-BC)
- Crop Group Conversions

Project requests

- Lychee - Researchable
- Need E/CS and residue

Curzate 60DF (cymoxanil)

- Strawberry
 - Residue Trials 2022
 - Submit 10/25
 - E&CS trials 2022-2023

Fontelis[®] fungicide (penthioopyrad)

EPA Approvals:

- Banana - EPA SAL 4/5/2023
- GH Lettuce - EPA SAL 4/5/2023

Active Projects

- Avocado - Submit 10/2023
(Gets CG 24B incl. pomegranate)

XDE-659,
(Arylex[™], florylpicoxamid)

Status:

- EPA doing Endangered Species assessment per new ESA Policies for new a.i.s
- Tier I crops - PRIA now 3Q2023.
- Tier II crops (IR-4/PMC) – Submit end of 4Q23.
 - Greenhouse cucumber, herbs, lettuce, pepper, strawberry, & tomato
 - Field blueberry, broccoli, carrot, cilantro, garden beet, hops, mustard greens, onion, radish, & sweet potato



Crop or Crop Group	Corteva Crops	IR-4/PMC Crops
Root and Tuber Vegetable, leave of Root & Tuber	Sugar beet (Wave 1), Potato	Garden beet, Carrot, Radish
Bulb Vegetable	--	Onion, bulb and green
Leafy Vegetable Group	Head & Leaf lettuce, spinach	GH Lettuce, mustard greens
Brassica Head and Stem	--	Broccoli
Legume vegetable	Dried peas and beans	--
Fruiting Vegetable	Tomato, Peppers	Greenhouse Tomato/Peppers
Cucurbit Vegetables	Cucumber, muskmelon, summer squash	Greenhouse Cucumber
Pome Fruit	Apple, Pear	--
Stone Fruit	Cherry, Peach, Plum	--
Berry and small fruit	Grapes, strawberries	Blueberries, GH Strawberries
Tree Nuts	Almond, Pecan	--
Cereal Grains	Wheat, Barley	--
Oilseed	Canola	--
Miscellaneous		Hops, GH Herbs





Thank You!

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