



BASF Product Update – Broflanilide Insecticide

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Broflanilide Insecticide – Product Overview

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| Active Ingredient | <ul style="list-style-type: none">▪ Broflanilide |
| Chemical Class | <ul style="list-style-type: none">▪ Meta-diamide |
| Mode of Action | <ul style="list-style-type: none">▪ GABA-gated chloride channel allosteric modulator▪ IRAC Classification: Group 30 |
| Origin | <ul style="list-style-type: none">▪ Co-developed globally by Mitsui Chemicals Agro, Inc. & BASF |
| Registration Status | <ul style="list-style-type: none">▪ U.S. and Canada registrations were achieved in Jan 2021 and Oct. 2020, respectively, for: Seed treatment in small cereal grains and in-furrow uses in corn and potatoes▪ Product labels: Teraxxa™ Seed Treatment, Teraxxa™ F4* Seed Treatment, Cimegra™ Insecticide and Nurizma™ Insecticide |
| Registered Pests | <ul style="list-style-type: none">▪ Wireworms▪ Corn rootworm larvae (northern, western)▪ White grubs▪ Seedcorn maggot |
| Route of Exposure | <ul style="list-style-type: none">▪ Direct contact and ingestion |

* For wireworm and disease control



Future Crop Protection Uses Under Consideration in U.S. and Canada

■ IR-4 Pesticide Clearance Requests – *Potential Uses*

- ▶ Soil-applied uses in onion for onion maggot control; sweet potato, grass grown for seed, and mint for wireworm control and sunflower for control of chewing insects
 - *BASF requires efficacy/crop safety proof of concept prior to IR-4 conducting registration studies*

■ BASF invites expressions of interest for additional soil-applied and / or seed treatment applications in other crops

■ Under evaluation by BASF

- ▶ Foliar applications in several crops for control of chewing insects
 - *At present, BASF cannot support foliar PCRs*



Disclaimers:

- The active ingredient Broflanilide is only registered for use in Seed Treatment of small grains cereals for wireworm control and in furrow uses against wireworms and root worms in corn and potatoes in the US and Canada.
- As to uses not registered, this educational presentation is provided for informational purposes only and is not intended to promote the sale of the product. Any sale of this product after such registration is obtained shall be solely on the basis of an approved product label within the countries of registration, and any claims regarding product safety and efficacy shall be addressed solely by the label.
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