

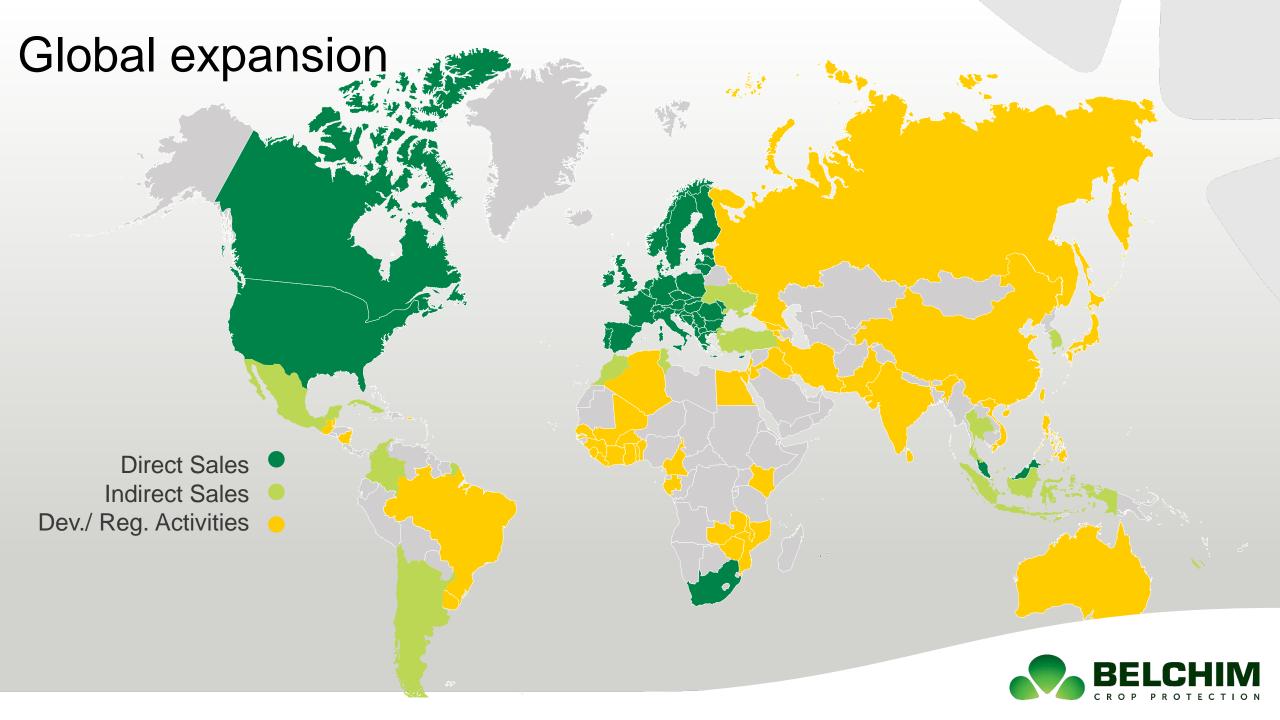
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Belchim Crop Protection

- Celebrating its 30th year as a CCP market access company
- Corporate HQ based in Belgium; with regional HQ based in Guelph (Canada), Wilmington, DE (USA), Kula Lumpur (Asia)
- Employs 500 people globally
- Expanding globally; completing 5 acquisitions in last 24 months





Innovation at Belchim



- ✓ Investing in soft chemicals
- ✓ With a good profile
- ✓ Dedicated to IPM for conventional and biological solutions
- ✓ Intention of placing 1 new molecule per year into the market
- ✓ Partnering with growers of specialty crops



Biopesticide Products Under Development for the US Market

ReLoad Fungicide

- Mono and dibasic sodium, potassium and ammonium salts of phosphorous acid
- Exceptional efficacy against fungi of the oomycetes class
- Also has indirect impact on the immune response in plants, lending efficacy against ascomycetes like anthracnose & dollar spot on turf

Beloukha Herbicide

- Optimized formulations of Pelargonic acid
- Provides rapid burn-down of green tissue
- Non-selective and non-systemic
- Features lend it to a wide range of applications





TOUGH® (Pyridate) Herbicide Introduction

TOUGH

- HRAC Group 6 Underutilized mode of action
- POST control of hard to control resistant weeds
 - Kochia, Waterhemp and Palmer
- Quick burn down
- Flexible →
 - Wide window of application
 - No rotational restrictions
 - Positive environmental profile
 - Selective potential for use on a range of crops











Pyridate History

- Active ingredient since 1976
- Developed by Agrolinz
- Belchim has acquired worldwide data rights
- Pyridate re-registered in EU Annex I inclusion in 2016
- North American registrations voluntarily withdrawn in early 2000's
- Re-submitted for registration in the US (2016) and Canada (2018)



Weeds controlled

- POST application
 - Weeds 3-5" tall

- Broadleaved weed control
- Contact activity only







Common Lambsquarters



Black Nightshade



Marestail (Horseweed)



Pigweeds

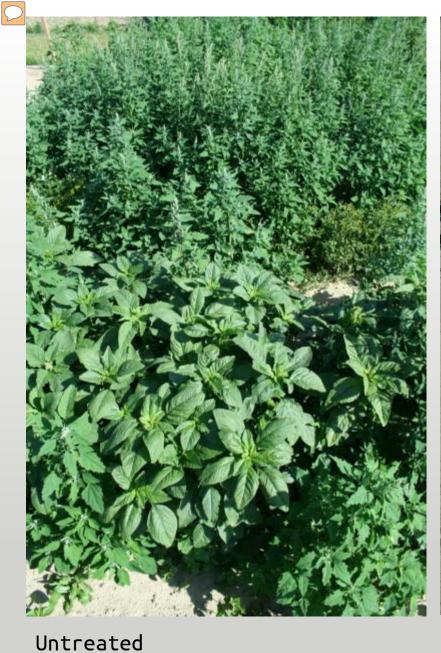


Palmer



Waterhemp







Tough 20 oz/ac

Tough provides excellent POST control of Lambs quarters and Pigweeds

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Chamomille

++(+)

Common groundsel

+++

Lambs quarters

+++

Pigweeds





Efficacy on Kochia

Tough Provides excellent POST control of Kochia



Kansas trials in fallow 2016



Tough @ 24oz/ac



Weed density of UTC



Tough®: Proposed 1st Registration

- Field Corn
- Peanuts
- Chickpea
- Mint
- Brassica head and stem vegetables, cabbage, collards*

*Brassica vegetables will require dry formulation



Crops on IR-4 Project List

- Asparagus
- Clover
- Sweet corn
- Kale
- Mint (reduced PHI)
- Pea (edible podded and succulent shelled)
- Tomato



Other Potential Crops of Interest for Pyridate

- Herbs and spices
- Sorghum
- Alfalfa
- Bulb vegetables
- Carrots
- Other legume crops
- Tobacco



Belchim Summary

- Three new products under development for the US market
 - ReLoad® Fungicide (salts of phosphorous acid) Biopesticide
 - Beloukha® Herbicide (Pelargonic Acid) Biopesticide
 - Tough® Herbicide (Pyridate) Conventional

• We value your input and collaboration

