

PEPTOILTM 83/17

Crop Oil Concentrate

Technote

SPREADER PENETRANT ACTIVATOR

- Superior Paraffinic Oil
- Contains antifoam
- Peptoil contains no nonyl or alkyl phenol ethoxylates which are banned in Europe
- Highest Paraffinic Oil Content

**QUALITY
ECONOMY
PERFORMANCE**

Benefits:

- ✓ Improved spreading, Improved penetration through cuticular disruption
- ✓ Improved droplet adhesion
- ✓ Reduced droplet evaporation
- ✓ Lower use rates compared to ordinary crop oils
- ✓ Economical

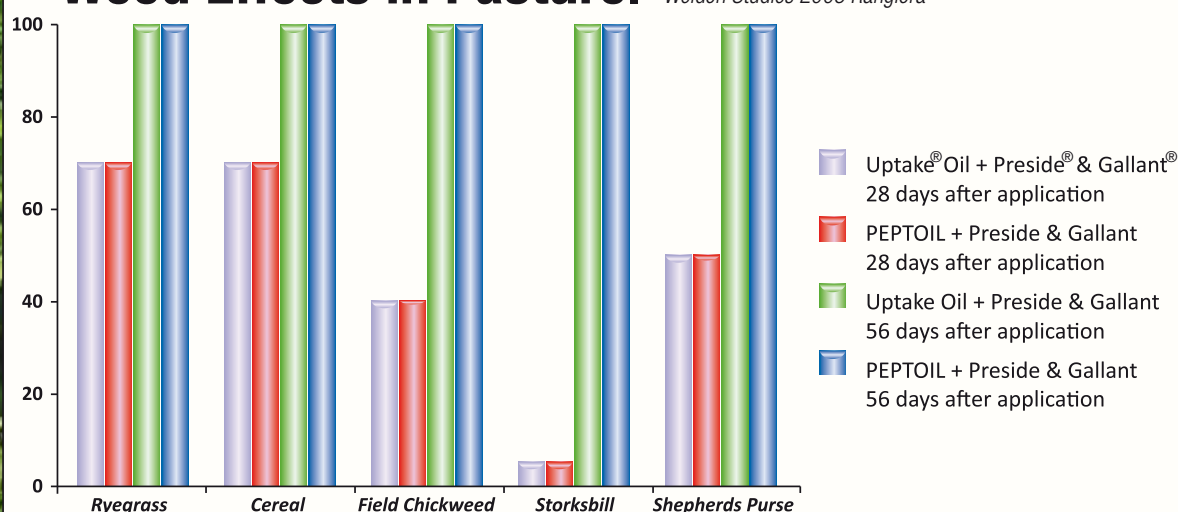
PEPTOIL™

the first crop oil concentrate in New Zealand, has now been used extensively in a wide range of crops and uses since its introduction in 1990

- With most herbicides where crop oils are recommended to aid spread and penetration (prometryne, T-Max®, Preside®, Monarch®, etc)
- In maize crops to activate atrazine
- For Arable crops spraying where a crop oil is recommended
- With Fungicides, eg. carbendazim, for ring spot control
- With selective grasskillers (Gallant®, Targa®, Poast®, Centurion®, etc) in a wide range of crops for improved control
- With Chloronion™/CIPC mixtures for flag stage weed control in onions
- With certain insecticides and micronutrients

Weed Effects in Pasture.

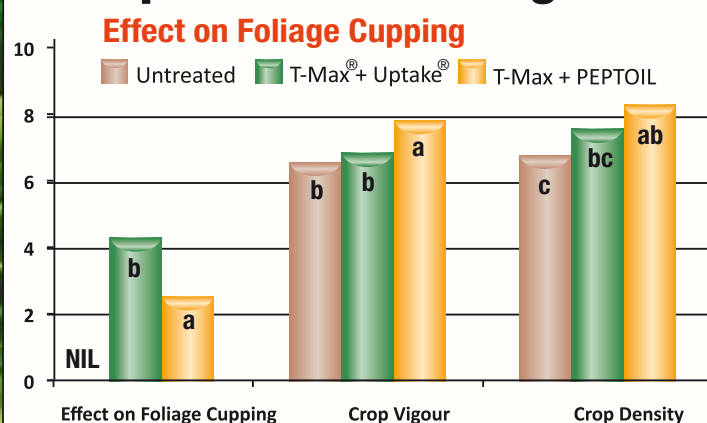
Weldon Studies 2008 Rangiora



Conclusion: PEPTOIL® when used with Preside and Gallant enhanced herbicide activity equivalent to Uptake oil. *Weldon Studies Ltd.

Crop effects in Forage Brassica.

Fieldtek Canterbury 2012.



FOLIAGE CUPPING SCALE

0 = No Cupping
5 = Moderately Severe
10 = Extremely Severe

CROP VIGOUR SCALE

(incorporating plant height, leaf size)

0 = No plant growth
2.5 = Severely reduced growth
5 = Moderate growth
7.5 = Good growth
10 = Vigorous growth

CROP DENSITY

0 = No plants
5 = 50% coverage
10 = 100% coverage

Conclusion: T-Max® applied with PEPTOIL gave reduced cupping, increased crop vigour and density compared to T-Max applied with Uptake Oil.

ALWAYS READ THE CROP PROTECTION LABEL AND FOLLOW THE LABEL DIRECTIONS

Pack sizes: 5L, 10L, 20L, 1000L
Etec Crop Solutions Limited
PO Box 51584, Pakuranga 2140
Auckland, New Zealand

www.etec.co.nz Phone: 0800 100 325

Use rates:-
- with Herbicides use 0.5 – 2 litres /ha
- with Fungicides and Insecticides use 0.5 to 1 litre/ha

HSNO Approval Code HSR000798.

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