DRAW THE LINE

at broadleaf weeds

LINURON
800 WG

Take a strong stance against weeds today!

- High-loading active with excellent mixability
- Alternative MoA option for the control of broadleaf weeds
- Granular formation – long term concentrate stability
- Excellent crop & improved environmental safety
- Developed for Australian conditions

IMTRADE
CropScience
Agriculture Reimagined

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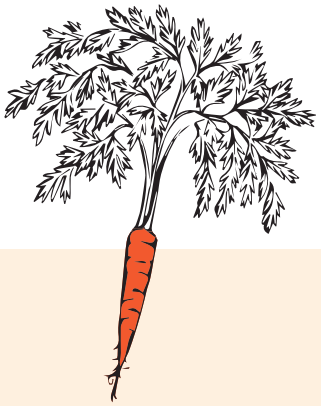

WHY USE IMTRADE LINURON

- **Excellent Crop Safety:** Imtrade LINURON 800 has many post-emergent uses for controlling a wide range of small broadleaf weeds in many crop situations.
- **High-Loading Active:** Imtrade LINURON 800 is the highest loading (concentration) of linuron available in the market. LINURON 800 has more active ingredient and less filler, consisting of 80% linuron and a customised surfactant package making up the remainder. This translates to reduced handling, packaging and transport.
- **Alternative MOA:** Imtrade LINURON 800 provides a reliable and effective option for broadleaf weed control with an alternative mode of action. There has been very few resistance issues recorded for group C herbicides, meaning the use of LINURON 800 can help provide long term efficacy in weed management programs.
- **Granular Formulation:** Imtrades LINURON 800 granular formulation ensures that its ingredients do not "settle out" as they might in a liquid formulation. This prolongs the shelf life of the product and makes it easy to store on farm between applications.
- **Improved Safety:** LINURON 800 has many improvements on safety and handling compared to traditional diuron herbicides. It is considerably less toxic to the environment (particularly regarding waterways and aquatic fauna) and to those who handle the product. Improved safety also means no restrictive plant-back periods.

MODE OF ACTION

Imtrade LINURON 800 is a group C herbicide used to control common hard-to-kill broadleaf weed species. The active ingredient linuron (800 g/kg) inhibits photosynthesis at photosystem II. Linuron binds to the D1 proteins of the photosystem II complex in the chloroplast thylakoid membrane. Binding at this protein blocks electron transport and stops CO2 fixation and production of energy needed for plant growth. Blocking the electron transport system promotes the formation of highly reactive molecules that initiate a chain of reactions causing lipid and protein membrane damage. This results in membrane leakage causing cells to rapidly dry and disintegrate. Linuron is readily absorbed into roots following soil application and less into leaves and stems when foliar-applied, however foliar absorption of linuron is far greater than diuron. Linuron readily translocates acropetally in the xylem with little to no basipetal movement in the phloem.

USING IMTRADE LINURON

• **Read the Label:** Always read the label when considering Imtrade LINURON 800 for your pre and post emergent herbicide needs. Application rates and methods differ depending on the crop, target weeds and environmental conditions. Sufficient moisture via irrigation or rainfall is required within 3-4 days of applying LINURON 800 to incorporate the product into the soil and ensure root uptake.

• **Monitor the Crop:** Imtrade LINURON 800 can be used on a broad range of crops and weeds however timing and rate of application is highly dependent on crop growth stage. Applying LINURON 800 before the crop has reached the relevant growth stage may result in crop damage. Soil type must also be considered prior to product application as linuron is strongly bound to organic matter and rate must be adjusted according to soil organic matter content .

• **Resistance Management:** Where possible, always consider rotating through multiple modes of action when routinely spraying crops for target weeds. A well considered plan will aid in the management of herbicide resistance into the future and ensure herbicidal chemistries are efficacious for years to come.