

# Predict

## Anti-Leaching Adjuvant



### ‘Maximising the effectiveness and crop safety of residual herbicides’

**Crop Suitability** – Predict may be used on any crop receiving a residual herbicide treatment. Typical applications will include peas, beans, beet, potatoes, vegetables, cereals and maize.

**Predict** is a novel adjuvant based on “Tenside Complex” technology that improves the ability of residual herbicides to adhere to soil particles. **Predict** has the effect of keeping the herbicide in the upper layers of the soil where it can perform its role of killing weeds. By the same action **Predict** reduces the amount of herbicide which is leached into the crop rooting zone thus minimizing herbicide damage to the crop.

**Predict** also controls the size of the spray droplets. Optimized droplet size ensures even distribution over the soil surface and minimizes spray drift.

**Predict** gives Farmers and Growers the following benefits:

**Improved Weed Control**

**Improved Crop Safety**

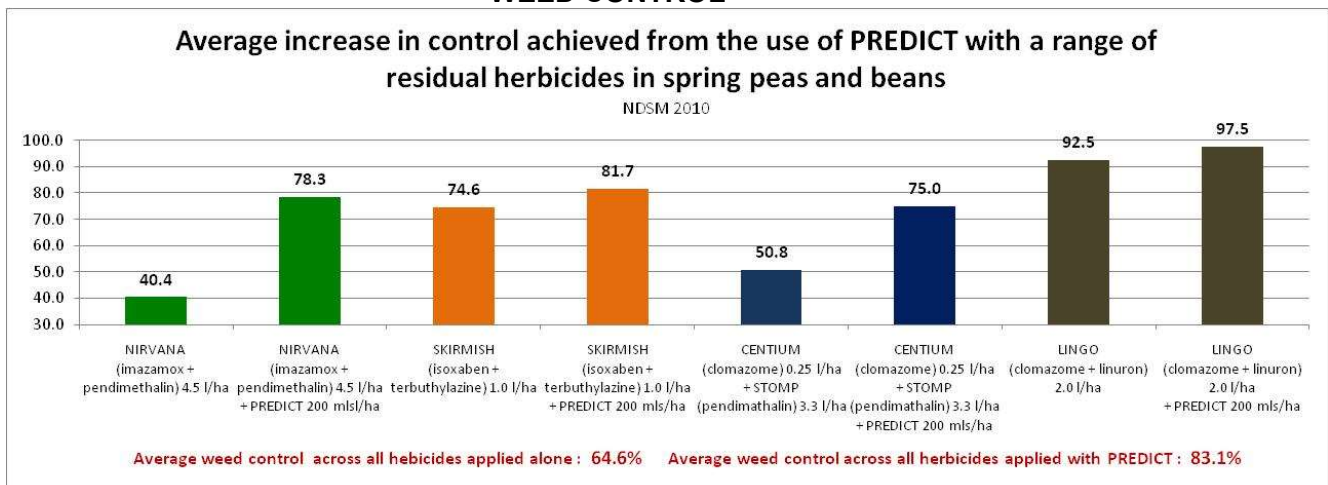
**Use on all crops**

**Use with all residual herbicides**

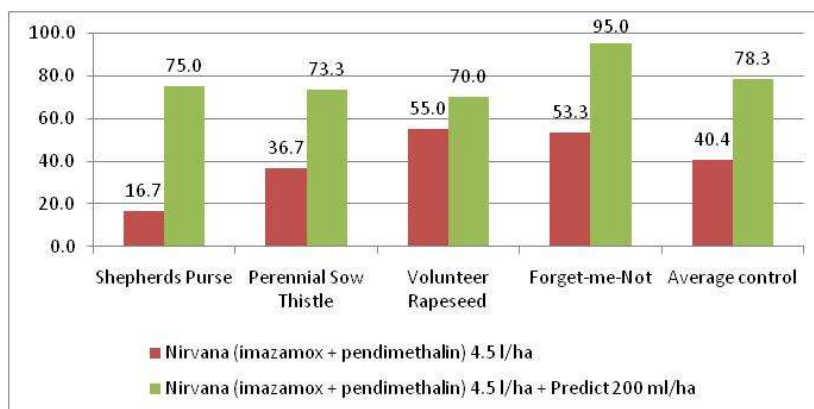
**Protects herbicide investment**

Residual herbicides can quickly leach down through the soil profile. The speed of leaching depends on a number of factors including the solubility of the herbicide, the texture of the soil and the amount of rainfall or irrigation. **Predict** stabilizes this process giving the herbicide the best chance to perform even on those challenging light soils and in the wettest of weather.

### WEED CONTROL



The effect of *Predict* will be greater on weeds that germinate in the top layers of the soil than deeper germinating species. Nevertheless, all residual herbicides will perform better across the full weed spectrum when *Predict* is used to reduce leaching.



## CROP SAFETY



Here are examples of how *Predict* can improve the crop safety of residual herbicides by reducing leaching into the crop rooting zone.

Above is a flufenacet/pendimethalin mixture in winter wheat with and without *Predict*.

To the right is a mixture of metazachlor plus clomazone. Note the plants at the front which did not benefit from the addition of *Predict* compared to the rear that did. Also in the front more weeds are visible.

## APPLICATION

*Predict* can be used safely on all crops and with all residual herbicides used in those crops.

**Dose rate: 200 ml/ha to 400 ml/ha.** Use the higher rate with very soluble active ingredients or on very light land.

Do not add directly to undiluted chemicals and make sure that wettable powders and WDGs are fully dispersed before adding *Predict*

**Always add to the spray mix last!!!**