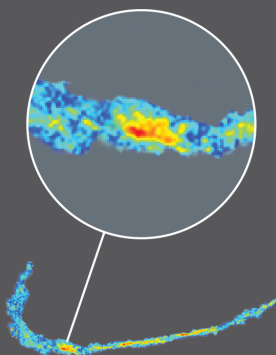
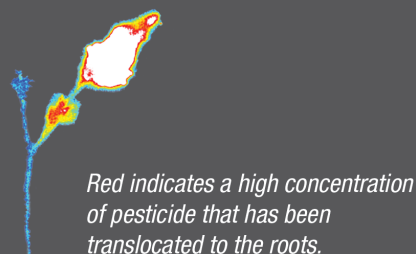


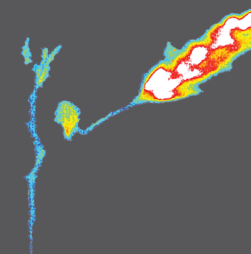
OROBOOST with TransPhloem technology improves control of lambsquarter weeds.

Oro Agri commissioned a study by the University of Illinois utilizing a C^{14} radioactive isotope in the spray solution. The study concluded OROBOOST-treated applications are absorbed into the leaf quicker, and move a greater percentage of the systemic pesticide to the roots (this specific pesticide's active site for its mode of action) faster than the pesticide alone.

SYSTEMIC PESTICIDE WITH OROBOOST



SYSTEMIC PESTICIDE ALONE



The absence of the plant stem or root images indicate the systemic pesticide has not been translocated to this portion of the plant.

These lambsquarter weeds were treated with a systemic herbicide, with and without OROBOOST adjuvant. Only those parts of the plant that have some concentration of the C^{14} solution show up in the image. Red areas indicate high concentrations, green areas show medium concentrations, and blue areas show low concentrations of the radioactive isotope solution.

The OROBOOST-treated plant shows better absorption and translocation than the non-OROBOOST treated plant. Most importantly, the ORO-BOOST plant shows a well-defined root system with clearly visible areas of red (high concentration). This indicates high concentrations of the systemic herbicide has been translocated to its roots in 12 hours versus the systemic herbicide alone.

TransPhloem technology, combined with the superior spreading and penetrating properties of OROBOOST, can improve your systemic pesticide's performance and give you a better return on your pest control program investment.