



# TEMPUS 90/10



## Unlock Your Spray's Full Potential with Tempus 90/10

### The Power of Low Foam Wetter/Spreader Surfactant

You invest heavily in crop protection products. Ensure every dollar you spend translates into maximum results. Adjuvants are the essential tool to unlock the full potential of your spray solutions.

### Why Adjuvants Matter

An adjuvant is any substance added to a spray tank to improve the efficacy of a pesticide or modify its application characteristics. Think of them as performance enhancers for your chemicals. They improve applications by:

**Enhancing Coverage:** Reducing the surface tension of water, allowing spray droplets to spread evenly across the leaf surface.

**Improving Adhesion:** Helping the pesticide stick to the plant, preventing runoff and wash-off from rain.

**Boosting Penetration:** Enabling the active ingredient to move through the plant's waxy outer layer and into the inner tissue where it's needed most.

**Reducing Evaporation:** Slowing down the drying time of the droplet, giving the plant more time to absorb the chemical.

**Mitigating Drift:** Modifying spray characteristics to keep the product on target, ensuring application safety and efficacy.

### The 90/10 Advantage: Complete Coverage, Maximum Efficacy

Non-ionic surfactants are a type of surfactant that do not have a net electrical charge. They are commonly used in various applications due to their ability to reduce surface tension and improve the spreading and wetting properties of liquids.

A "90/10" non-ionic surfactant typically refers to a formulation where the active surfactant ingredient makes up 90% of the product by weight, with the remaining 10% being other inert ingredients. When a non-ionic surfactant is described as having a "wetter spreader combination," it means that it is formulated to enhance both the wetting and spreading characteristics of a liquid.

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**Wetting:** This refers to the ability of a liquid to maintain contact with a solid surface. Surfactants improve wetting by lowering the surface tension of the liquid, allowing it to spread out more easily and make better contact with the surface.

**Spreading:** This refers to how well a liquid disperses over a surface. Surfactants help liquids spread more evenly, preventing them from forming beads or droplets.

## Maximizing Your ROI

By using the correct adjuvant, you ensure that every ounce of your crop protection product works as intended. The result? Better pest control, healthier crops, and improved return on your investment.

### Application

Tempus 90/10 is easy to use:

Type of Herbicide Application	Amount per 100 Gallons
• Utility ROW and roadside foliar	1/2 pt. - 2 qt.
• Forest site preparation	1 pt. - 2 qt./acre
• Aquatic - surface	1/2 pt. - 2 qt.
• Aquatic - submerged	1-2 gal.
• Agriculture / Citrus / Turf	1/2 - 4 pt.

### Invest in your crop's future and your crop's success.

Contact your Tempus Ag Sales Manager for tailored application rates! For best results, always use a Tempus Ag adjuvant. This information is not intended to replace a label. Always follow and read label directions.

Do you want a more consistent ROI on your farm? Commit to trying **Tempus Ag's SyStemS** approach. Incorporating these proven tactics and products will improve your ROI.

**Start** with the soil  
**Spray** all applications with quality adjuvants  
**Supply** foliar and biological products throughout the season



**Unlock Peak ROI with the Integrated Tempus Ag's 3S System**