

Generating good foam

TRAMLINÉ FOAM MARKING AGENT

Field marking systems have been used for decades to increase the accuracy of chemical and fertilizer applications. Fence posts, stakes, flags, and foam have all been used for this purpose.

As sprayer technology improved, boom widths lengthened, making it more difficult to prevent costly overlaps and skips. Foam marking agents are the most cost effective marking system of improving spray accuracy. They pay for themselves by accurately applying the right amount of chemical. You can achieve further savings through better weed control and by preventing crop damage from overlap.

Performance of foam marking agents varies considerably. An effective foam marking agent is dependable, durable, and capable of producing quality foam that will last in the field under many weather conditions.

Making foam last longer

It is essential that foam marks last long enough and are visible when you make the next pass. Foam longevity is affected by a range of factors:

- Quality of foam marking agent
- Water hardness
- Mix ratio
- Foam generator pressure
- Weather
- Temperature
- Wind
- Humidity
- Soil conditions

How foam is generated

Foam is produced when combining air with the foam solution. Thicker, dryer foam with small bubbles (shaving cream consistency) is the result of producing foam at low pressure. Lower mixing pressure and minimal pressure drop at the discharge point results in a more stable longer-lasting foam.

Less movement of foam through tubing also results in longer-lasting foam. Foam pushed through tubing causes the bubbles to expand as they rub against the inner walls of the tubing.

A boom-mounted chamber system is more efficient, and uses less solution per acre. Custom applicators report covering up to twice the acreage per tankful. Tank chamber systems have radical pressure drops when the foam is released into the atmosphere because it is produced at a high pressure, close to the compressor. This results in unstable foam which rapidly disappears.

Savings through increased accuracy

With today's high chemical costs, an effective marking system is essential for accurate and economical spraying. Increased accuracy prevents costly skips and overlaps. Using less chemical provides valuable savings. For pennies an acre you can save on spraying costs through accurate applications with *TRAMLINÉ* foam marking agent.

TRAMLINÉ – increase your accuracy

