

Weed Control on Shoulder Slopes



Reduced weed control on shoulder slopes may be the result of improper equipment calibration and nozzle orientation. Increased slope angle decreases the amount of intended herbicide rate due to the increased surface area. When a sprayer is calibrated for application to level ground, a reduced herbicide rate is experienced when applied to shoulder slopes of varying degrees. The diagram below outlines the relationship of output and slope angle using 40 gallons per acre (GPA).

Spray volume (GPA) should be increased as the shoulder angle increases. This will ensure proper rates of chemical.

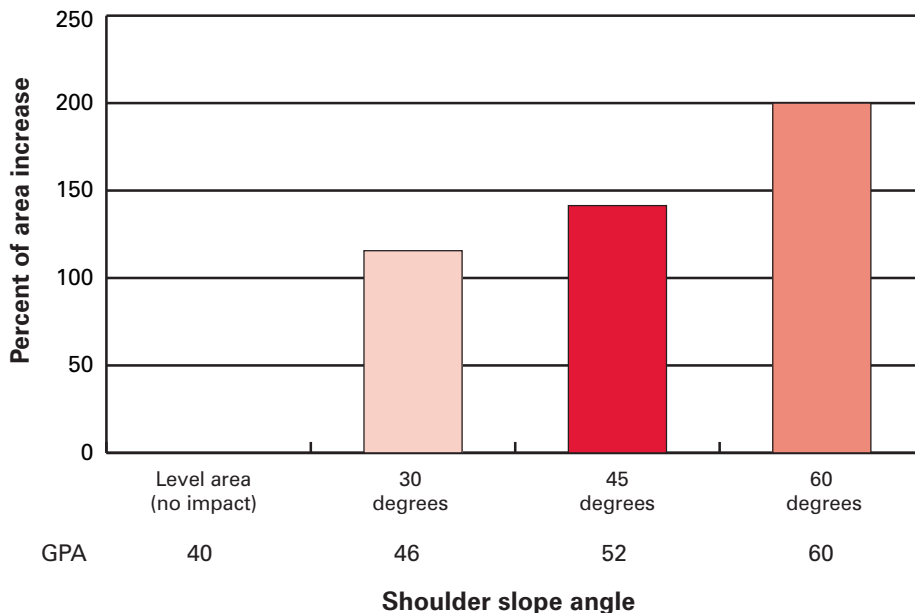
Estimating the average shoulder slope angle of the road system will allow a closer solution/rate output, resulting in better shoulder slope weed control. When possible, use spray booms that can be manipulated or adjusted to maintain a constant height over the substrate.

Understanding the effect of the slope angle, and adjusting the herbicide application as needed, will result in better shoulder slope weed control.

For more information

Contact your local DuPont Vegetation Management Service Center or DuPont representative. And visit us on the Web at vm.dupont.com.

Relationship of slope angle, using 40 GPA



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