

# PS 804 SELECT<sup>TM</sup>

*Efficiency meets economy*
**PRINCIPAL  
FUNCTIONING AGENTS**

A proprietary blend of acidifier, surfactants and drift reduction technologies

**% ACTIVE INGREDIENT**

80%

**FORMULATION**

Concentrate

**MODE OF ACTION**

Surfactant

Penetrant

Acidifier

Deposition aid

**RESTRICTED USE**

No

**EPA REGISTRATION**

N/A - All ingredients are exempt from tolerance under 40 CFR 180

**SIGNAL WORD**

Danger

**PACKAGING**

4 x 1 gal, 2 x 2.5 gal

**FOR USE WITH**

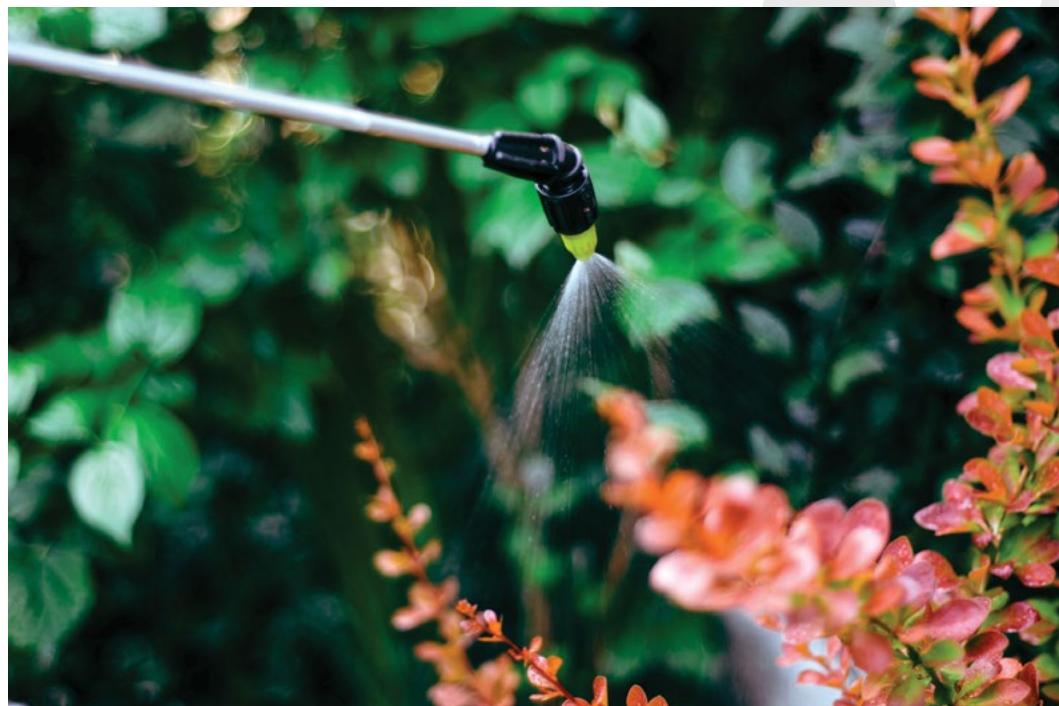
Herbicides

Fungicides

Insecticides

Fertilizers

Defoliants



**PS 804 Select<sup>TM</sup>** combines the effects of a surfactant, penetrant, acidifier and deposition aid in one convenient, economical formulation. Engineered to increase the coverage on a target surface area and penetration through waxy or weather hardened cuticles, **PS 804 Select<sup>TM</sup>** ensures more complete uptake of the applied active ingredient. **PS 804 Select<sup>TM</sup>** delivers economy by adding penetrating and acidifying qualities to a traditional deposition aid.

**PRODUCT BENEFITS**

- Increases the surface area a spray will cover
- Improves penetration into substrate
- Reduces drift by helping to create the optimal droplet size
- Moderate acidifier to enhance tank mix stability
- Low foaming formulation to assist with initial tank mixing
- Disperses into cold water
- Especially beneficial when used with weak acid herbicides

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Always read and follow label instructions.

# PS 804 SELECT™

*Efficiency meets economy*

## Surfactant

As a surfactant, **PS 804 Select™** works to lower the surface tension of water droplets, allowing for better product coverage on the target surface. Direct benefits of surfactants include, facilitating uniform droplet spread of a spray solution, softening protective waxy layers on plants and bringing water into contact with water-repellent surfaces. In general, the addition of a surfactant to a tank mix, significantly improves its performance, by allowing the applied active to come in direct contact with a greater percentage of the plant's surface area.

## Penetrant

**PS 804 Select™** improves the infiltration of active ingredients into the target pest or plant. Penetrants use different blends to soften, soak through and dissolve waxy, protective layers. They also help spray solutions move through and around bark-like coatings as well as wet protective hair-like coatings and keep them saturated with actives. Increased penetration leads to greater control of pests and limits herbicide resistance.



## Acidifier

**PS 804 Select™** contains dilute solutions of acids to contribute additional hydrogen ions to a spray solutions, thereby decreasing the pH of the solution. pH modification can improve solubility of active ingredients, prevent mixing complications and increase the half-life performance of spray actives. This can result in better product performance and reduced stress on application equipment. Acidifiers are especially beneficial when used with weak acid products, such as glyphosate.

## Deposition aid

While not entirely eliminating drift, **PS 804 Select™** improves the accuracy of spray applications by increasing the percentage of droplets that conform to the ideal size range as they pass through a spray system. Consistent droplet size maximizes pesticide distribution throughout the spray, while reducing the amount of waste associated with drift.

## Mixing instructions

- When adding to a tank mix, always add **PS 804 Select™** last
- In general, follow the W-A-L-E-S plan when adding herbicides to a tank mix – wettable powders (WP), then flowables (F,DF). Agitate, then add adjuvants such as anti-foaming compound & buffers. Then liquid and soluble products, then emulsifiable concentrates (EC), then PS 804 Select or other adjuvants

## Labeled uses

Aquatic

Grasslands

Turf

Industrial area

Rights-of-way

Ornamentals