

ZEUS® PRIME XC HERBICIDE

BROAD-SPECTRUM RESIDUAL WEED CONTROL

ZEUS® PRIME XC HERBICIDE BENEFITS

- Excellent crop safety with tank-mix flexibility.
- Added burndown power to control emerged weeds.
- Excellent control of difficult-to-control weeds like pigweed, morningglories and nutsedge.
- Great application flexibility: Fall and spring dormant applications as well as in-season use with a shielded sprayer.
- Short preharvest interval of three days.

APPLICATION GUIDELINES

- Use a boom and nozzle sprayer equipped with the appropriate nozzles, spray tips and screens.
- Use nozzles that provide the largest droplet possible while providing thorough coverage of existing vegetation. Avoid nozzles that produce fine droplets. Avoid contact with desirable vegetation.
- Apply in a minimum of 10 gallons of finished spray per acre by ground.
- Adequate moisture of at least 0.5 inch is required within 14 days of application for optimal control.

RESTRICTIONS

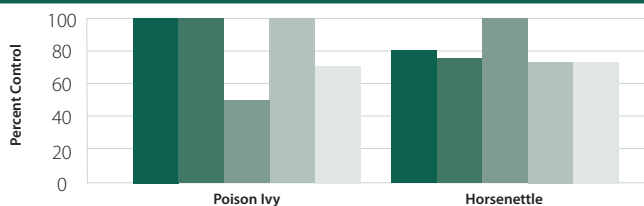
- Use ground equipment only. Do not apply Zeus® Prime XC herbicide using airblast sprayers or by air. Do not apply using a mechanically pressurized handgun.
- Do not apply more than 15.2 fl. oz. of product per acre per 12-month period.
- Apply to crops that have been growing for at least two years and are in good condition.
- Do not apply to soils classified as sand with <1% organic matter.
- Split applications must be separated by a minimum of 60 days.

TECHNICAL INFORMATION

Active Ingredient	Sulfentrazone and Carfentrazone-ethyl
IRAC Class & MOA	Protoporphyrinogen Oxidase (PPO) Inhibitor
Formulation	3.5 lbs. ai./gallon SC
REI	12 hours
Signal Word	CAUTION
PHI	Three days
PPE	Applicators and other handlers must use protective eyewear, long-sleeved shirt and long pants, chemical resistant gloves and shoes plus socks.

COMPARISON OF ONE-PASS AND TWO-PASS WEED CONTROL PROGRAMS ON BLUEBERRIES

Dr. Bernie Zandstra, Michigan State University



- Zeus Prime XC herbicide 10 fl. oz./A + Callisto® herbicide 6 fl. oz./A + Poast® herbicide 16 fl. oz./A + COC 16 oz. (LPRE) - one pass
- Zeus Prime XC herbicide 10 fl. oz./A + Matrix® SG herbicide 1 fl. oz./A + Poast herbicide 16 fl. oz./A + COC 16 fl. oz./A. (LPRE) - one pass + COC 16 fl. oz./A. (LPRE) - one pass
- Karmex® DF herbicide 2 lbs. + Sinbar® WDG herbicide 2 lbs. (EPRE) fb Matrix SG herbicide 4 fl. oz./A. + NIS 0.25% v/v (LPRE) - two passes + COC 16 fl. oz./A. (LPRE) - one pass
- Karmex DF herbicide 2 lbs. (EPRE) fb Matrix SG herbicide 4 fl. oz./A. + NIS 0.25% v/v (LPRE) - two passes
- Velpar® herbicide 32 fl. oz./A (EPRE) fb Matrix SG herbicide 4 fl. oz./A. + NIS 0.25% v/v (LPRE) - two passes

Zeus Prime XC herbicide one-pass provided more consistent weed control.