

# ESCORT® XP HERBICIDE



## Selective Brush and Weed Control

### Q: WHAT IS ESCORT® XP?

A: Escort XP is an herbicide used to selectively control broadleaf weeds, brush, and certain grasses. Escort XP use sites include pasture and rangelands, conifer and hardwood plantations, and utility and highway rights-of-way, including vegetation management sites that transect pastures of lands livestock may graze, among others. It was introduced into the market in 1986, and because of its relatively low use rates (ounces per acre) and favorable environmental profile, it is still widely used today.

### Q: HOW DOES ESCORT XP WORK?

A: The active ingredient in Escort XP, metsulfuron-methyl, works by inhibiting a plant enzyme involved in the synthesis of key amino acids used by plants for growth and development. Once susceptible plants are treated, growth stops in the growing points of both roots and shoots, leading to plant death. Depending on the sensitivity of the plant, complete control may take several days or weeks.

### Q: WHAT ABOUT NEGATIVE EFFECTS ON HUMANS OR WILDLIFE?

A: The enzyme affected by Escort XP is not present in animals, insects, or fish. Studies done to determine what impact Escort XP may have on humans after contact have shown that it does not cause cancer, birth defects, sterility, or genetic damage. Additional studies have shown that the active ingredient is very low in toxicity to wildlife when used according to label instructions. When tests were done on fish and aquatic invertebrates, it was shown that the active ingredient was not toxic to these organisms even at high concentrations. Overall, the potential for wildlife to have any adverse effects from exposure are extremely low.

### Q: HOW LONG DOES ESCORT XP STAY IN THE SOIL?

A: Generally, Escort XP will break down readily in the soil. The speed at which it breaks down depends on environmental conditions such as temperature, rainfall, and soil pH. In areas where temperatures and rainfall are higher, degradation can be fairly quick. Escort XP degrades slower as soil pH increases.

### Q: CAN MY LIVESTOCK GRAZE ON VEGETATION TREATED WITH ESCORT XP?

A: Yes. Escort XP is registered for control of broadleaf weeds, brush and several woody vine species in the establishment, maintenance and restoration of pasture and rangeland. Remember to always read and follow label directions.



*Escort XP features low use rates and flexible application timing.*



*Escort XP cost-effectively controls many annual and perennial weeds, including tough woody plants.*



*Applicators depend on Escort XP because of its relatively low use rates and favorable environmental profile.*

**Q: DOES ESCORT XP HAVE ANY IMPACT ON HONEYBEES OR BUTTERFLIES?**

**A:** Testing has demonstrated that when Escort is used according to label instructions, there is a low likelihood of any negative impact on honeybees or other pollinators.

**Q: WHAT TESTING IS DONE ON PRODUCTS SUCH AS ESCORT® XP?**

**A:** All herbicides go through rigorous testing that is required by the EPA before they can be registered for use in the United States. This testing includes over 120 studies on toxicity and environmental fate to ensure that the herbicide will perform as intended without having any unreasonable adverse effects on people or the environment.

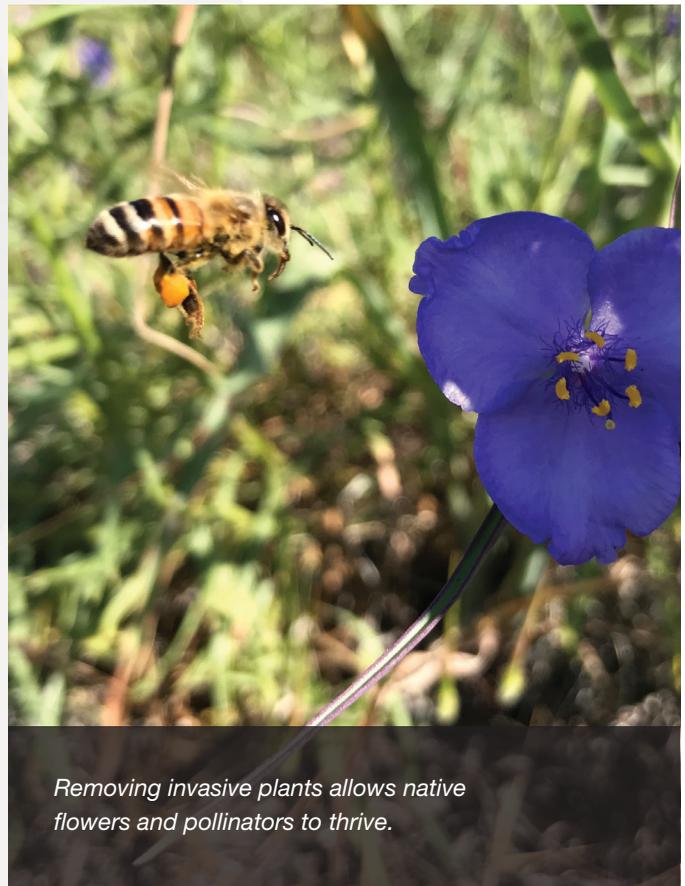
**Q: HOW DOES USING HERBICIDES COMPARE TO MOWING?**

**A:** Herbicides are just one tool used to control unwanted vegetation. Mowing or cutting also play important roles in certain situations, but those techniques are often more costly and risk worker safety. Additionally, mechanical mowing or cutting can increase erosion issues, injure or kill wildlife, and remove important pollinator habitat. Mowing does not discriminate what is cut.

Alternatively, herbicides allow for the selective treatment and removal of unwanted vegetation. In fact, herbicides often can improve wildlife habitat by removing non-native or noxious weeds that can outcompete native vegetation. Removing these non-native plant species also allows native flowers to flourish, which are important to the health of honeybees and other pollinators.

**Q: WHERE CAN I LEARN MORE ABOUT ESCORT XP?**

**A:** More information can be found at [BayerVM.com](http://BayerVM.com), by contacting your Area Sales Manager or by calling the Bayer Product Support number: 1-800-331-2867.



*Removing invasive plants allows native flowers and pollinators to thrive.*

**GO AHEAD. WE'RE RIGHT THERE WITH YOU.**

**ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS**

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