



ACTIVE
AgriScience

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COMBATS
STRESS AND
PROMOTES
**EARLY CROP
GROWTH**



DIRECTIONS for USE:

Apply as a foliar spray.

Field peas and succulent Peas: apply at the 4-5 leaf stage (herbicide timing).

Soybean and other dry edible beans: apply at V1-V2 (first-second trifoliolate/herbicide timing) stage.

MIXING RATES:

Active VPR is compatible with Viper ADV, Basagran Forte, or Basagran (see below chart for possible compatible mixtures). Mix one of the below compatible agrochemical combinations at the recommended rate, then add Active VPR at the rate of 2.5 L per hectare (1 L per acre) with a minimum of 50 L of water per hectare (20 L / acre) for ground applications and 30 L of water per 1 hectare (12 L / acre) for aerial applications.

MIXING SEQUENCE:

1. Keep agitator running while mixing
2. Add ingredients in the following order:

Water, Viper ADV, Basagran Forte, or Basagran, and Active VPR

3. Mix well for 5 minutes before spraying on crop. If spraying is delayed, or interrupted, mix for a further 5 minute before resuming spraying.

Spray early morning or late afternoon when the sun is lower in the sky. Do not apply when air temperatures are above 29°C (85°F). Avoid spraying on windy days.

COMPATIBILITY:

This product is compatible with the post-emergent herbicides Viper ADV, Basagran and Basagran Forte. For use with other post emergent herbicides, conduct a jar test and apply to a small area of the crop prior to large scale use.

Although post emergent herbicides kill weeds without visibly harming the growing crop, plants still undergo stress as they go through the process of breaking down the herbicide into less toxic components.

Active VPR™ acts as a post-emergent herbicide stress reliever while acting synergistically with the herbicide to increase its efficacy on weeds. Loaded with Phosphorous and Potassium, key elements for root and shoot growth, Active VPR™ contains molecules that enhance plants' ability to better respond to abiotic and biotic stressors. Plants treated with Active VPR will have minimal herbicide stress and a quicker recovery. This leads to better utilization of resources and higher yields.



FASTER RECOVERY FROM HERBICIDE STRESS:

Active VPR™ treated plants are able to regulate the biochemical pathways related to protein, carbohydrate and ATP production to help reduce plant respiration and prevent energy loss. This allow plants to better allocate energy to the recovery processes.

IMPROVED ROOT GROWTH AND DROUGHT RESISTANCE:

Active VPR™ helps regulate the opening and closing of the stomata controlling water vapor, oxygen and carbon dioxide exchange. Some of the molecules included in Active VPR™ can act as antioxidants and can scavenge toxic compounds produced within the plant. In addition, these molecules are able to control the elasticity of membranes to reduce water loss.

ENHANCES TRANSLOCATION OF SUGARS AND STARCH:

Potassium is key to carbohydrate metabolism and translocation of sugars and starch. After herbicide application, the potassium in Active VPR™ ensures that the plant gives priority to the essential tissues first ensuring a fast recovery from herbicide stress.

IMPROVED CROP MATURITY, UNIFORMITY, AND INCREASED YIELD:

Active VPR™ improves root growth, accelerates recovery from herbicide and other abiotic/ biotic stressors. It also helps the crop establish quicker and gives it an advantage of a few more days of photosynthesis compared with the untreated crop. This leads to increased yield.

GUARANTEED MINIMUM

ANALYSIS:

Total Nitrogen (N).....	2%
Available Phosphate (P ₂ O ₅)	10%
Soluble Potash (K ₂ O)	10%

TECHNOLOGY
BEYOND
the POINT
of NUTRITION™

Active AgriScience Inc. supports the farming community by providing innovative, effective and economical products that increase yields. A leader in plant nutrient and bioactive compound research and technology, Active AgriScience uses rigorous scientific methods to develop and enhance products to improve farm production and profits.

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