

CUTTING®



Product Introduction:

Active Ingredient	Content & Formulation
Cyhalofop-butyl 15% + Penoxsulam 3%	18%OD

Product Feature:

This product is a mixture of penoxsulam and cyhalofop-butyl. Penoxsulam is a branched-chain amino acid (leucine, isoleucine and valine) synthesis inhibitor that inhibits the activity of acetolactate synthase (ALS) or acetoxyacid synthase (AHAS); it is a selective systemic pre-emergence and post-emergence herbicide. Cyhalofop-butyl prevents cell growth and division by inhibiting the activity of acetyl-CoA carboxylase and hindering fatty acid synthesis, so as to destroy lipid-containing structures such as membrane systems and ultimately cause the death of plants. The mixture of these two ingredients can not only effectively expand the herbicidal spectrum, but also improve the effects in controlling and eliminating resistant Echinochloa spp.



Advantage:

1. It is highly safe to crops.
2. This formulation has an excellent mixing ratio. The formulation with good safety and effects is selected after hundreds of tests and demonstrations.
3. This product is a broad-spectrum herbicide, having good effects in controlling a variety of weeds in rice fields, including Echinochloa spp., annual sedge weeds and various broad-leaved weeds.

Applicable Crops:

Direct-planting rice field



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Targets:

This product can be used to control various annual broad-leaved, gramineous weeds and sedge weeds in rice fields, such as Echinochloa spp., Semen Euphorbiae Lathyridis, Paspalum paspaloides (Michx.) Scribn, and Eleusine indica (L.) Gaertn, etc.



Barnyard grass



Eleusine indica



Paspalum distichum



Leptochloa chinensis

Uses and Recommendations:

Crops	Targets	Dosage	Application method
Direct-planting rice field	Annual weeds	600-900ml/ha	Spraying after diluted with water

1. Dilute it with water and spray the solution on the stem and leaves in the 3-4 leaf stages of rice and the 2-3 leaf stages of Echinochloa spp.
2. The dosage to be applied depends on the density and age of Echinochloa spp. If the density of weeds is high, apply the upper limit of dosage.
3. Drain the field before application until more than 2/3 of the weed stems and leaves are exposed on the water surface. Irrigate the field within 24 hours to 72 hours after application, and maintain a 3-5 cm water layer for 5-7 days.
4. Do not apply it on windy days or when rainfall is expected within 6 hours.

Cautions:

1. Apply this product to crops once at most per season.
2. Do not mix this product with alkaline materials in application, and do not use it by mixing with bensulfuron-methyl.
3. This product is used on stems and leaves. A shallow water layer should be maintained for 3-5 days after application to improve control effect.

