



# Panther<sup>®</sup> Pro



## Keep Soybeans Weed Free with Pro Power and Liquid Convenience.

New from Nufarm, Panther<sup>®</sup> Pro Herbicide brings the power of three actives together in the first liquid flumioxazin premix. Labeled for pre-plant and pre-emerge use on soybeans, Panther Pro keeps fields clean with excellent residual control of more than 60 broadleaf weeds and grasses - including glyphosate-resistant common ragweed, common waterhemp, and horseweed. Plus, Panther Pro may be mixed with labeled glyphosate or glufosinate products, such as Credit<sup>®</sup> Xtreme for fall, fallow seedbed, and spring burndown programs. Panther Pro may also be used to keep fallowland and non-crop bare ground weed free.

### THREE ACTIVE INGREDIENTS FOR OUTSTANDING CONTROL

- First liquid flumioxazin premix - three active ingredients, three modes-of-action
- Excellent broad-spectrum weed control for soybeans
- Lasting residual control of more than 60 broadleaf weeds and grasses including susceptible winter annuals and many glyphosate-resistant species
- Can be applied alone, or as part of a fall, fallow seedbed, or spring burndown program
- Also labeled for fallow and non-crop bare ground areas

<b>EPA REG. NO.</b>	71368-120
<b>ACTIVE INGR.</b>	metribuzin (31.83%), flumioxazin (7.11%), ammonium salt of imazethapyr (6.02%)
<b>FORMULATION</b>	liquid
<b>CHEM. FAMILY</b>	triazine, N-phenylphthalimide, imidazolinone
<b>GROUP NO.</b>	5, 14 and 2
<b>MODE OF ACT.</b>	Photosystem II Inhibitor, PPO Inhibitor, ALS Inhibitor
<b>REI</b>	12 hours
<b>SIGNAL WORD</b>	caution
<b>RES. USE</b>	no
<b>PACKAGE SIZE</b>	2 x 2.5 gal



**Nufarm**

Grow a better tomorrow.



## KEY USES

Soybeans  
Fallowland  
Bareground in non-crop farm areas

## KEY WEEDS CONTROLLED

(See product label for complete list)

Carpetweed  
Chickweed (*common, mouseear*)  
Dandelion  
Eclipta  
Evening primrose (*cutleaf*)  
Field pennycress  
Florida beggarweed  
Florida pusley  
Foxtail (*giant, green, yellow*)  
Henbit  
Kochia  
Lambsquarters (*common*)  
London rocket  
Mallow (*little, Venice*)  
Marestail/horseweed  
Morningglory (*smallflower, tall*)  
Nightshades (*black, eastern black, hairy*)  
Pigweeds (*amaranth, redroot, smooth, spiny, tumble*)  
Prickly lettuce  
Prickly sida (*teaweed*)  
Puncturevine  
Purslane (*common*)  
Radish (*wild*)  
Ragweed (*common*)  
Redmaids  
Shepherd's-purse  
Smartweed (*ladysthumb, Pennsylvania*)  
Sowthistle (*prickly*)  
Spotted spurge  
Velvetleaf  
Waterhemp (*common*)

## USE SUMMARY

**SOYBEANS:** Panther Pro® may be applied to soybeans prior to planting or pre-emergence (after planting). Pre-emergence application of Panther Pro must be made within 3 days after planting and prior to soybean emergence. Application after the soybeans have begun to crack, or are emerged, will result in severe crop injury. Application should not be made when soybeans have begun to crack. Select rate of Panther Pro from the Weeds Controlled or Suppressed by Residual Activity of Panther Pro table according to anticipated weed spectrum as found in the product label.

Panther Pro may be applied in the fall after previous year's crop, or in the spring as an early pre-plant, burndown or pre-emergence application.

**Fall Application:** Apply Panther Pro for burndown and residual weed control after the prior crop is harvested.

**Spring Application:** Apply Panther Pro early pre-plant through pre-emergence for burndown and residual weed control before the crop emerges.

**Burndown – Pre-emergence to Soybeans, Post-emergence to Weeds:** Panther Pro, applied as part of a burndown program, may be used for residual weed control, as well as to assist in post-emergence burndown of many annual and perennial weeds where soybeans will be planted directly into a stale seedbed, cover crop or in previous crop residues. For control of emerged weeds by Panther Pro, see Table – Weeds Controlled or Suppressed by Post-emergence Activity of Panther Pro in the product label.

Apply Panther Pro with ground equipment before planting, during planting or within 3 days after planting, but before the crop emerges. To ensure thorough coverage, use a minimum of 15 gallons of spray solution per acre. Refer to tank mix partner's label for specified application pressure. All tank mixes of Panther Pro applied to assist in the control of emerged weeds must be applied with crop oil concentrate or methylated seed oil at 1 to 2 pints per acre or a non-ionic surfactant at 0.25% v/v.

### Restrictions:

- Do not apply more than 15 fl oz of Panther Pro per acre during a single growing season.
- Do not apply more than 12 fl oz of Panther Pro per acre during a single growing season in Minnesota (north of Highway #210) or North Dakota.
- Do not make more than one application per year.
- **Preharvest Interval (PHI):** Do not harvest soybeans for at least 85 days after Panther Pro application.
- Do not irrigate when soybeans are cracking.
- Do not incorporate into soil or apply more than once per season.
- Do not apply Panther Pro post-emergence.
- Do not tank mix this product with acetochlor, alachlor, flufenacet, metolachlor or dimethenamid within 14 days of planting soybeans, unless soybeans are planted under no-till or minimum tillage conditions on wheat stubble or no-till field corn stubble.

See label for complete precautions and restrictions.

**PRE-PLANT BURNDOWN AND FALLOWLAND APPLICATIONS:** Panther Pro at 12 to 18 fluid ounces per acre can be used alone or in combination with labeled burndown herbicides to control emerged weeds and provide residual weed control.

Panther Pro may be used:

- In the fall to provide residual and pre-emergent weed control in fallow fields,
- In the fall to provide residual weed control in fields that will be planted the following spring with soybean,
- In a fall burndown or fallow seedbed program (however the length of residual control may be variable), and
- In a spring burndown program for the post-emergence burndown of emerged weeds.

See label for complete directions for use.



[www.nufarm.com/us](http://www.nufarm.com/us)

For specific application rates, directions, mixing instructions and precautions, read the product label. Please visit [www.nufarm.com/us](http://www.nufarm.com/us) to download a full label.  
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