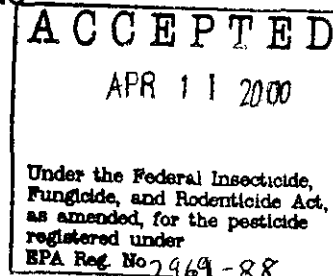


Poast Plus®

herbicide

For use in Citrus



EPA Registration Number 7969-88

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. This labeling must be in the possession of the user at the time of application.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

I. General Information

Poast Plus® herbicide is a selective, broad spectrum, postemergence herbicide for control of annual and perennial grass weeds in bearing and nonbearing grapefruit, lemon, lime, orange, tangerine, and tangerine hybrid crops. **Poast Plus** does not control sedges or broadleaf weeds. Turfgrasses and corn are susceptible to **Poast Plus**. Because all grass crops as well as ornamental grasses can be injured or killed by **Poast Plus**, avoid all direct or indirect contact with any desired grass plants.

Mode of Action

Poast Plus rapidly enters the target weed through its foliage and translocates throughout the plant. The effects range from slowing or stopping growth (generally within 2 days), to foliage reddening and leaf tip burn. Subsequently, foliage burnback may occur. These symptoms will generally be observed within 3 weeks depending on environmental conditions.

Crop Tolerance

Nonbearing Citrus: Citrus crops are tolerant to **Poast Plus**, but under some conditions, a slight leaf speckling or burn can occur. Citrus plants will outgrow these symptoms and later growth is not affected.

Bearing Citrus: **Poast Plus** should be directed away from citrus foliage as well as developing and mature fruit because injury may occur under certain conditions.

II. Application Instructions

Poast Plus® herbicide should be applied to actively growing weeds at the rates and growth stages listed in **Table 1. Broadcast Application Rates and Timings**. Direct the spray toward the grass foliage. Heavy tree growth that covers and protects grass weeds from spray coverage may reduce the control. The most effective control will result from making postemergent applications of **Poast Plus** to actively growing grasses before tillering or seed head formation.

Do not apply when conditions favor drift from target area or when windspeed is greater than 10 mph. To suppress grasses in citrus grove alleys, apply 8-10 ounces of **Poast Plus** per treated acre.

Ground Application (Broadcast)

Row Middles:

Water Volume: Use 10-20 gallons per acre of spray solution on a broadcast basis. Under most conditions, 10 gallons per acre is optimum.

Spray Pressure: Use 40-60 psi (measured at the boom, not at the pump or in the line). When crop and weed foliage is dense, use a maximum of 20 gallons of water and 60 psi.

Application Equipment: Use standard high-pressure pesticide flat fan or hollow cone nozzles spaced up to 20 inches apart. Refer to the nozzle manufacturer's directions for recommended height. Do not use flood, whirl chamber, or controlled droplet applicator (CDA) nozzles as erratic coverage can cause inconsistent weed control.

Do not use selective application equipment such as recirculating sprayers or wiper applicators.

Spot or Small Area Application

To control or suppress grasses when using knapsack sprayers or high-volume equipment (handguns or other suitable nozzle arrangement), prepare a solution of **Poast Plus® herbicide** plus oil concentrate in water according to **Table 2, Spot Treatment Application Concentration in Spray Solution**. The best spray application will be a spray that will cover the leaves but not to run off. The best performance is obtained by using 10-20 gallons of spray solution per acre with a concentration of 1.5-2.5% v/v of **Poast Plus**.

Do not make spot treatments in addition to broadcast treatments.

Table 2. Spot Treatment Application Concentration in Spray Solution

Grasses	V/V Concentration in Spray Solution ¹	
	Poast plus	Oil Concentrate
Annual up to 6" height	1.5%	1%
Annual up to 12" height	2.25%	1%
Perennial ²	2.25% ³	1%

¹ Refer to **Table 3 (Spot Treatment Dilution)** for preparing the desired solution volume.

² Repeat application as needed.

³ For wirestem muhly, use 1.5% concentration up to a maximum weed size of 6 inches.

Table 1. Broadcast Application Rates and Timings

Grass	Maximum Weed Height		Crop Oil Concentrate
	2.25 Pints per Acre*	3.75 Pints per Acre*	
Barnyardgrass	6"	12"	1.0 % v/v
Bermudagrass (wiregrass)	—	up to 6" runners	
Crabgrass, Large	6"	12"	
, Smooth	6"	12"	
Cupgrass, Woolly	6"	12"	
Fescue, Tall (Seedling)	6"	12"	
Foxtails, Giant	6"	12"	
, Green	6"	12"	
, Yellow	6"	12"	
Goosegrass	6"	12"	
Guineagrass	6"	8"	
Johnsongrass, Rhizome	—	20"	
, Seedling	6"	12"	
Junglerice	6"	12"	
Millet, Wild Proso	6"	12"	
Orchardgrass, Seedling	6"	12"	
Panicum, Fall	6"	12"	
, Texas	6"	12"	
Shattercane/Wildcane	6"	12"	
Signalgrass, Broadleaf	6"	12"	
Sprangletop, Red	6"	12"	
Torpedograss	6"	8"	
Witchgrass	6"	12"	

* Repeat applications as needed. Do not apply more than 15 pints per season.

Table 3. Spot Treatment Dilution Table

Spray Solution Volume	Amount of Product to be Added		
	Poast plus (1.5% v/v)	Poast plus (2.25% v/v)	Oil Concentrate (1% v/v)
1 gallon	1.9 fl. oz.	2.9 fl. oz.	1.3 fl. oz.
3 gallons	5.8 fl. oz.	8.75 fl. oz.	3.8 fl. oz.
5 gallons	9.5 fl. oz.	14.5 fl. oz.	6.4 fl. oz.

2 tablespoons = 1 fluid ounce

III. Additives

To achieve consistent weed control, always use crop oil concentrate at 1.0% volume/volume up to a maximum rate of 2 pints per acre.

Addition of Oil Concentrate

A nonphytotoxic oil concentrate (commonly referred to as oil concentrate) should always be added. The oil concentrate must contain either a petroleum or vegetable oil base and must meet all the following criteria:

- be nonphytotoxic,
- contain only EPA-exempt ingredients,
- provide good mixing quality in the jar test (see the full label), and
- be successful in local experience.

The exact composition of suitable products will vary; however, vegetable and petroleum oil concentrates should contain emulsifiers that provide good mixing quality. Highly refined vegetable oils have been observed to be more satisfactory than unrefined oils. For additional information, refer to the **Jar Test for Estimating Suitability of Oil Concentrates** (see the full label of instructions).

Mixing

Fill tank of a thoroughly clean sprayer half to two-thirds full with clean water. Start agitation and add oil concentrate; allow to mix thoroughly. Add **Poast Plus® herbicide** and the remaining volume of water. Maintain constant agitation during application.

IV. Tank Mixing Application

Poast Plus may be tank mixed with diuron herbicides and certain other preemergence herbicides. Consult your local BASF representative or agricultural advisor for additional information.

BASF does not recommend using tank mixes other than those listed on BASF labeling. Physical incompatibility, reduced weed control, or crop injury may result from mixing **Poast Plus** with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. Local agricultural authorities may be a source of information when using other than BASF recommended tank mixes. Read and follow all use directions, precautions, and restrictions for each herbicide in the spray mixture. The most restrictive labeling applies to tank mixtures.

Crops:

This product can be used on the following crops:

**Grapefruits
Lemons
Limes
Oranges
Tangerines & Tangerine Hybrids**

Please refer to complete **Restrictions and Limitations** and **Application Instructions**.

V. General Restrictions and Limitations---Citrus

Maximum seasonal use rate: Do not apply more than a **total of 15 pints of Poast Plus® herbicide** per acre, per season, including spot treatments.

- **Preharvest Interval: 15 days**
- **Restricted Entry Interval (REI): 12 hours.**
- Do not apply **Poast Plus** with another pesticide whose label cautions against use with oil adjuvants.
- Do not use **selective application equipment** such as recirculating sprayers, wiper applicators, or **shielded applicators**.
- **Rainfast Period:** **Poast Plus** is rainfast 1 hour after application.
- **Stress:** Do not apply to grasses or crops under stress such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures, as unsatisfactory control will probably result.
- Do not apply to crops that show **injury** (leaf phytotoxicity or plant stunting) produced by any other prior herbicide applications, because this injury may be enhanced or prolonged.
- Do not apply through any type of **irrigation** equipment.

Table 4. Crop-Specific Restrictions and Limitations

Crop	Minimum Time from Application to Harvest (PHI)	Maximum Rate Per Acre Per Application	Maximum Rate Per Acre Per Season	Livestock Grazing or Feeding	Aircraft Application
Citrus	15 days	3.75 pints	15 pints	Yes*	No

* Pulp and waste may be fed to animals.

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