GROUP 14 HERBICIDE



For use on peanuts, rice, soybeans and strawberries

ACTIVE INGREDIENT:

Sodium salt of acifluorfen*	20.1%
OTHER INGREDIENTS:	79.9%
TOTAL:	100.0%

*Equivalent to 2 pounds of active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN DANGER/PELIGRO

Si usted no entienda la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard. For additional Precautionary Statements, First Aid, Storage, Disposal and other user information see inside this label.

Notice: Read this entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call Chemtrec at 1-800-424-9300.

Agricultural Chemical. Do not ship or store with food, feed, drugs or clothing.

EPA Reg. No. 82534-2-88783



Distributed by: Summit Agro USA, LLC 240 Leigh Farm Road, Suite 215 Durham, NC 27707

IF IN EYES:	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	 Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	 Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
	HOT LINE NUMBER
Have the product container or la	bel with you when calling a poison control center or doctor, or going for treatment. You may also contact Chemtrec at 1-800-424-9300 for emergency medical information.
NOTE TO PHYSICIAN: Probable	e mucosal damage may contraindicate the use of gastric lavage. ANTIDOTE – No specific antidote is available. Treat symptomatically.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin, or inhaled. Do not get in eyes or on clothing. Avoid contact with skin and breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart. Mixers, Loaders and Applicators must wear:

Long-sleeved shirt and long pants

Shoes plus socks

Chemical-resistant gloves

Goggles or face shield

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or cockpits in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

• Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark, except as specified on this label for application to rice. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area.

GROUND WATER ADVISORY

Sodium acifluorfen is known to leach through soil to groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable (sandy/loamy soils) and water tables are shallow could result in contamination of groundwater. Use of irrigated water in such areas will increase the likelihood of groundwater contamination.

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 people, either directly or through drift. Only handlers wearing PPE may be in the treatment area during application. For any requirements specific to your State or Tribe consult the agency responsible for pesticide regulation. This pesticide is toxic to vascular plants and should be used strictly in accordance with the drift and run-off precautions on this label to minimize off-site exposures. All applicable directions, restrictions, precautions and Limitation of Warranty and Liability are to be followed. This labeling must be in the user's possession during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

The following PPE is required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water • Coveralls over long sleeved shirt and long pants

Chemical-resistant gloves made of any waterproof material

- Chemical-resistant footwear plus socks
- Chemical-resistant headgear if overhead exposure
- Protective eyewear

Notify workers of pesticide application by warning them orally and by posting warning signs at entrances to treated areas

PRODUCT INFORMATION

Acifin™ 2L is for postemergence control of listed grasses and broadleaf weed species in strawberries, rice, soybeans and peanuts. Crop Tolerance

AcifinTM 2L is a selective herbicide and the crops listed in this label are tolerant of this product at all growth stages listed. Crops may display leaf speckling following treatment with AcifinTM 2L, but this is a temporary condition and plants will typically outgrow it within 10 days. Treatment with this product will not affect crop vigor or new growth.

Cleaning Application Equipment

Clean spray equipment with commercial spray cleaner or a strong detergent, following the manufacturer's directions. Triple rinse application equipment before making an application with Acifin[™] 2L and following treatment with Acifin[™] 2L.

APPLICATION INSTRUCTIONS

Apply AcifinTM 2L at the following rates, unless directions differ in the Crop-Specific Information section (below). Apply this product as a broadcast application or an aerial banding application to weeds that are actively growing at the growth stages and rates specified in Table 1 below (rice and strawberries) and in the Crop-Specific Information section (peanuts and soybeans).

For best results and the most effective control, apply Acifin[™] 2L during early postemergence, when weeds are small. Early postemergence treatment allows application at the lower use rate (dependent on species of weeds present). Early application to weeds also facilitates thorough spray coverage. If application of this product is delayed, weed species may exceed the growth stage specified in this label which will hinder adequate control.

Irrigated Areas Irrigation prior to Spray Coverage

Irrigation prior to treatment may be necessary in order to ensure weeds are actively growing. Treatment of weed species under drought conditions may lead to inadequate control.

For effective control, target weeds must be covered thoroughly with this product. Applicators must use a sufficient spray volume to ensure proper coverage, bearing in mind that leaf canopies that are dense may shelter smaller weeds, preventing sufficient spray coverage.

Cultivation

Do not cultivate treated areas within 5 days prior to treatment with Acifin™ 2L, or 7 days following treatment.

Aerial Application

When treating with AcifinTM 2L as an aerial application, use 10 gallons per acre of water, minimum. Where sufficient coverage can be achieved, a volume of 5 gallons per acre of water (minimum) has been effective.

Application Equipment

Apply Acifin[™] 2L at a spray pressure of up to 40 psi using diaphragm-type nozzles that create fan spray or cone patterns.

IMPORTANT: For best coverage and in order to avoid drift, refer to the Spray Drift Management section below.

Ground (Banding) Applications

For band applications, also refer to the Ground Application Equipment and Methods of Application (Broadcast) instructions below. Applicators using row banding equipment must ensure the most thorough coverage of target weeds in the row. It is not recommended that a single nozzle be used for application over the row. For thorough coverage, direct two nozzles from either side of the crop row toward the weeds located in the center rows. Apply this product with a band width of 15 inches and with 15 gallons of water per acre (minimum) on the band. Application with a single nozzle over the row is not recommended.

Ground Application Equipment and Methods of Application (Broadcast)

Application Equipment

Apply Acifin[™] 2L with hollow cone nozzles spaced a maximum of 20 inches apart or use a standard high-pressure pesticide flat fan. Inconsistent coverage may cause variable weed control, therefore do not make applications with whirl chamber, flood or controlled droplet applicator (CDA) nozzles. Do not make applications with wiper applicators or recirculating sprayers (i.e. selective application equipment).

Water Volume

For best results, apply AcifinTM 2L in 10-20 gallons per broadcast acre of spray solution. If weed foliage or crop foliage is dense, increase water volume up to 50 gallons. When treating strawberries with this product, use 20-40 gallons per broadcast acre of spray solution.

Spray Pressure

Apply Acifin™ 2L using spray equipment at a minimum of 40 psi. IMPORTANT: spray pressure is measured at the boom, not in the line or at the pump.

For best results, use a minimum spray pressure of 60 psi when weed/crop foliage is dense or where there is a low volume of water (i.e., 10 gallons per acre).

SPRAY DRIFT MANAGEMENT

Use best practices to avoid drift to all other crops and non-target areas. Do not apply when conditions favor drift from target areas. The interaction of many equipment and weather-related factors determine the potential for spray drift. Avoiding spray drift at the application site is the responsibility of the applicator. The applicator must follow the most restrictive use precautions to avoid drift, including those found in this labeling as well as applicable state and local regulations and ordinances. A drift control agent may reduce drift, however, it may also decrease weed control.

Requirements for ground applications:

For ground applications, adjust nozzle height and droplet size with wind speed according to the following table:

Wind Speed	Nozzle Height	Droplet size for standard nozzles (ASAE standard 572)	
Less than 10 mph	Up to 2 feet	Medium or coarser	
	2-4 feet	Coarse or coarser	
	4-6 feet	Very coarse or coarser	
10 to 15 mph	0-2 feet	Coarse or coarser	
	2-4 feet	Very coarser or coarser	
	4-6 feet	Extremely coarse	
Do not apply when the wind speed exceeds 15 miles per hour. Do not apply at a nozzle height of greater than 6 feet above the ground or crop canopy. Apply as a medium or coarser spray (ASAE standard 572).			

Requirements for aerial applications:

For aerial applications, apply only when the wind speed is less than or equal to 15 miles per hour using a release height of no more than 10 feet above the ground or crop canopy. If the wind speed is less than 10 mph, apply as a medium or coarser spray (ASAE standard 572). If the wind speed is between 10 mph and 15 mph, apply as a coarse or coarser spray (ASAE standard 572). The boom length must not exceed 75% of the windspeed is between 10 mph and 15 mph, apply as a coarse or coarser spray (ASAE standard 572). The boom length must not exceed 75% of the windspen or 90% of the rotor blade diameter. Do not make aerial applications into temperature inversions. When aerial applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

Table 1: Application Rates for Acifin[™] 2L – Peanuts and Soybeans

For rate and growth stage instructions for rice, refer to the Crop-Specific Information (below). Weed height given below is for guidance purposes only. Weed height is dependent on environmental conditions: in using the following table, emphasis should be placed on leaf stages as an indicator of growth stage. For more information, refer to the Additives section.

			Rate of Acifir	™ 2L per acre		
	0.5 pint		1.0 pint		1.5 pints	
Weeds Species Controlled ¹	Growth Stage ²	Maximum Height (in inches)	Growth Stage ²	Maximum Height (in inches)	Growth Stage ²	Maximum Height (in inches)
Balloonvine	-	-	-	-	Up to 2 leaves	2"
Beggarweed, Florida	-	-	-	-	Up to 2 leaves	Less than 2"3
Buckwheat, Wild	-	-	-	-	Up to 2 leaves	2"3
Buffalobur	-	-	-	-	Up to 2 leaves	2"3
Burgherkin	-	-	-	-	Up to 2 leaves	2" ³
Carpetweed	-		Multi 3" diameter	Less than 2"	Multi 6" diameter	2"
Citron (Wild Watermelon)	-	-	-	-	Up to 2 leaves	2"3
Cocklebur	-	-	-	-	Up to 2 leaves	2"
Copperleaf, Hophorn beam	-	-	2 leaves	2"	Up to 4 leaves	4"
Copperleaf, Virginia	-	-	-	-	Up to 2 leaves	2"
Crotolaria, Showy	-	-	6 leaves	6" ³	Up to 6 leaves	6" ³
Croton, Tropic	-	-	1-2 leaves	Less than 2"	Up to 2 leaves	2"
Croton, Wooly	-	-	1-2 leaves	Less than 2"	Up to 2 leaves	2"
Crownbeard, Golden	-	· ·	-	-	Up to 2 leaves	Less than 2"
Eclipta	-	-	-	-	Up to 6 leaves	Less than 2"
Galinsoga, Hairy	-	-	-	-	Up to 4 leaves	Less than 2"
Galinsoga, Smallflower	-	-	-	-	Up to 4 leaves	Less than 2"
Groundcherry, Cutleaf	-	-	-	-	Up to 2 leaves	1"
Groundcherry, Lanceleaf	-	-	-	-	Up to 2 leaves	1"
Indigo, Hairy	-	-	-	-	Up to 3 leaves	Less than 2"
Jimsonweed	-	-	4 leaves	4"	Up to 6 leaves	6"
Ladysthumb	-	-	4 leaves	4"	Up to 6 leaves	6"
Lambsquarters, Common ⁴	-	-	-	-	Up to 2 leaves	2"
Morningglory, Cypressvine	-	-	2 leaves	2"	Up to 4 leaves	4"
Morningglory, Entireleaf	-	-	2 leaves	2"	Up to 4 leaves	4"
Morningglory, Ivyleaf	-	-	2 leaves	2"	Up to 4 leaves	4"
Morningglory, Purple	-	-	2 leaves	2"	Up to 4 leaves	4"
Moonflower, Scarlet	-	-	2 leaves	2"	Up to 4 leaves	4"
Moonflower, Smallflower	-	-	2 leaves	2"	Up to 4 leaves	4"
Moonflower, Small White (pitted)	-	-	2 leaves	2"	Up to 4 leaves	4"
Moonflower, Tall (common)	-	-	2 leaves	2"	Up to 4 leaves	4"
Moonflower, Willowleaf (Palmleaf)	-	-	2 leaves	2"	Up to 4 leaves	4"
Mustard, Wild	Up to 2 leaves	2"	4 leaves	Less than 4"	Up to 4 leaves	4"
Nightshade, Eastern Black	-	-	2-3 leaves	Less than 2"	Up to 6 leaves	2"
Nightshade, Black	-		2-3 leaves	Less than 2"	6 leaves	2"

(continued)

Table 1: Application Rates for Acifin™ 2L – Peanuts and Soybeans (continued)

	Rate of Acifin™ 2L per acre					
	0.5 pint		1.0 pint		1.5 pints	
Weeds Species Controlled ¹	Growth Stage ²	Maximum Height (in inches)	Growth Stage ²	Maximum Height (in inches)	Growth Stage ²	Maximum Height (in inches)
Pigweed, Palmer	Up to 4 leaves	Less than 2"	6 leaves	Less than 4"	Up to 6 leaves	4"
Pigweed, Prostrate	-	-	-	-	Up to 4 leaves	4"
Pigweed, Redroot	Up to 4 leaves	Less than 2"	6 leaves	Less than 4"	Up to 6 leaves	4"
Pigweed, Smooth	Up to 4 leaves	Less than 2"	6 leaves	Less than 4"	Up to 6 leaves	4"
Pigweed, Spiny	-	-	2 leaves	Less than 2"	Up to 2 leaves	2"
Poinsettia, Wild	-	-	-	-	Up to 2 leaves	2"3
Poorjoe	-	-	-	-	Up to 2 leaves	2"
Purslane, Common	-	-	-	-	Multi 6" diameter	1"
Pusley, Florida	-	-	2 leaves	2"	Up to 4 leaves	4"
Ragweed, Common	-	-	2 leaves	2"	Up to 4 leaves	3"
Ragweed, Giant	-	-	2 leaves	Less than 2"	Up to 2 leaves	3"
Senna, Coffee	-	-	-	-	Up to 2 leaves	2"3
Sesbania, Hemp	-	-	4 leaves	4"3	Up to 6 leaves	6" ³
Smartweed, Pennsylvania	-	-	4 leaves	4"	Up to 6 leaves	6"
Smellmelon	-	-	-		Up to 2 leaves	2"3
Spurge, Prostrate	-	-	-	-	Multi 0.5" diameter	-
Spurge, Spotted	-	-	-	-	Multi 0.5" diameter	-
Starbur, Bristly	-	-	-	-	Up to 2 leaves	2"3
Waterhemp, Common	Up to 4 leaves	Less than 2"	6 leaves	Less than 4"	Up to 6 leaves	4"
Waterhemp, Tall	Up to 4 leaves	Less than 2"	6 leaves	Less than 4"	Up to 6 leaves	4"
		Annual Grass	es			I
Foxtail, Giant ³	-	-	-	-	Up to 2 leaves	1"
Foxtail, Green ³	-	-	· · ·	-	Up to 2 leaves	1"
Foxtail, Yellow ³	-	-	-	-	Up to 2 leaves	1"
Johnsongrass, Seedling ³	-	-	-	-	Up to 2 leaves	1"
Panicum, Fall ³	-	-	-	-	Up to 2 leaves	1"
Shattercane ³	-	-	-	-	Up to 2 leaves	1"
Volunteer Small Grains ³	-			-	Up to 2 leaves	1"

¹including ALS and triazine resistant biotypes

²When assessing growth stage, count each leaf separately, do not count leaves as pairs. Do not count cotyledon leaves. Treating target species in the cotyledon stage of growth is not recommended. ³Refer to Special Use Directions (below).

⁴Partial control or suppression.

ADDITIONAL WEED PROBLEMS IN PEANUTS AND SOYBEANS: SPECIAL USE DIRECTIONS

For an effective application, ensure there is good soil moisture before and following treatment with spray equipment. Apply Acifin[™] 2L at a rate of 1.5 pints per acre with 2 pints of spray surfactant per 100 gallons of spray mix (unless otherwise stated) for the following target weed species:

Beggarweed, Florida

Florida Beggarweed has a long germination season making it difficult to control. Treat Florida Beggarweed with this product when seedling weeds are no higher than 1.5" with no more than 2 expanding young true leaves.

For best results, obtain maximum control of the earliest weed flush. Cultivation must be timed correctly so that the regrowth or secondary weed flushes are controlled.

This product will partially control and/or suppress Florida Beggarweed growing in high relative humidity or high soil moisture.

Buckwheat, Wild

Buffalobur

Apply Actifin™ 2L in 30 gallons of water per acre. Partial control may be achieved when wild buckwheat and buffalobur seedlings have less than 2 true leaves.

Cucurbits: Burgherkin

Citron (Wild Watermelon)

Control of the cucumber species with a single application is difficult because germination takes place over an extended period of time. In order to ensure an effective treatment with this product, make the initial application no later than at the 2-leaf stage of growth.

Morningglory

For consistent control of morningglory, treat with sequential applications using 1 pint of Acifin™ 2L.

Poinsettia, Wild

Apply AcifinTM 2L to Wild Poinsettia prior to the formation of the third true leaf. When applied at the directed rates, this product will usually severely stunt or kill wild poinsettia.

Application of AcifinTM 2L will usually cause a differential in height between soybeans and poinsettia that have survived. The height differential will allow for directed applications, which may be undertaken for greater control.

Sesbania, Hemp Crotolaria, Showy

Effective control of Sesbania and Crotalaria can be achieved at almost any plant height because both weed species are very sensitive to applications of Acifin™ 2L.

Apply this product prior to bloom but after maximum weed emergence at the rate of 1 pint acre. Treatments with Acifin[™] 2L made following bloom are usually not effective. Applicators must ensure that the crop canopy does not shade target weed species from spray applications. In order to control late season infestations of Sesbania, applicators may wait for the weed to break the crop canopy prior to treatment. Senna, Coffee

Starbur, Bristly

In order to kill or suppress seedlings, apply AcifinTM 2L at the directed rate to weeds that have not passed to 2-leaf growth stage. Treatment with this product made after the 2-leaf growth stage are usually ineffective.

• Bindweed, Field and Hedge

• Milkweed, Climbing and Common

Redvine, Trumpetcreeper

Perennial weeds growing from underground rootstocks are difficult to control. This product will not kill underground rootstocks of these perennial weeds. Treat with this product in order to suppress regrowth and burn back plants that are above ground. Use the rate directed in Table 1 above combined with 2 to 4 pints of spray surfactant per 100 gallons of spray mix.

Annual Grasses

- Foxtail, Giant, Green and Yellow
- Johnsongrass, Seedling
 Panicum, Fall

Shattercane

Acifin[™] 2L can be used for supplemental control of grasses in addition to a preplant incorporated or pre-emergence herbicide, but this product must not be the lone or basic product in any program for the control of annual grasses. Acifin[™] 2L will kill or suppress annual grasses that have not passed the 2-leaf growth stage.

Volunteer Small Grains

- Barley
- Oats
 Rye
- Wheat

Apply this product to emerging volunteer small grains which are at the 1 to 2 leaf growth stage in order to suppress or kill weeds.

ADDITIVES

In order to achieve consistent control with applications of AcifinTM 2L, it must be combined with one of the following additives:

ammonium sulfate (AMS)

· crop oil concentrate

nonionic surfactant

urea ammonium nitrate (UAN)

When the target weed is velvetleaf, AMS (or UAN) should be used as an additive.

The use of additives with AcifinTM 2L may cause leaf burn. Leaf burn is more likely if air temperature and relative humidity are high. However, new growth will continue as normal and crop vigor will not be affected. Talk to the Summit Agro representative for your locality.

For Additive Options, see Table 2 below and see Table 3 for Additive Rates.

Nonionic Surfactant

The standard label direction is 1 to 2 pints of 80% active nonionic spray surfactant per 100 gallons of water. Use a higher spray surfactant rate for certain weeds.

Ammonium Sulfate (AMS) Fertilizer

AMS is a granular nitrogen-source, dry fertilizer which must only be used if it has been shown to work in the locality. Inferior grades of AMS will not adequately dissolve, therefore, only use spray grade or fine feed-grade AMS to ensure that spray nozzles do not get plugged.

Problems with precipitation may occur if AMS is applied in reduced volumes. Therefore, do not apply AMS in less than 10 gallons per acre.

Crop Oil Concentrate

The oil concentrate must contain either a petroleum or vegetable oil base and must meet all of the following criteria:

be nonphytotoxic,

· contain only EPA-exempt ingredients, • provide good mixing quality in the compatibility test, and

be successful in local experience.

Suitable additive products will vary in composition. In order to provide good mixing properties, petroleum and vegetable oil concentrates should contain emulsifiers. Vegetable oils that have been highly refined have proven to be more successful additives than those that are unrefined. Refer to the Compatibility Test for Mix Components section below for more information.

Refer to your additive supplier for information concerning suitability for and success in the locality prior to acquiring an oil concentrate. Some oil concentrates cause excessive leaf burn.

UAN: Urea Ammonium Nitrate

UAN can be added to Acifin[™] 2L as a substitute for other spray additives in order to improve control of target weeds. UAN is often referred to as 28%, 30%, or 32% nitrogen solution. Most solutions containing nitrogen are mildly corrosive to metals such as galvanized, mild steel, and brass. Therefore, do not apply Acifin[™] 2L with UAN using aluminum or brass nozzles. Applicators must also ensure that application equipment is rinsed thoroughly with water immediately after use.

Temperature and Relative Humidity Effects

For the most effective use of adjuvants, if the combined relative humidity (expressed as a percentage) and temperature (in degrees Fahrenheit) is greater than 150 degrees, use the lower rates for adjuvants in Table 2. For example:

Temperature 80°F + relative humidity 80% = 160: use the specified lower adjuvant rates (Table 2)

Table 2 – Additive Options and Use Rates for Acifin™ 2L Tank Mixes

	Additive	Use/Mix Rate
Option 1	AMS	2.5 pounds per acre
Option 2	UAN	4-8 pints per acre
Option 3	Nonionic Surfactant	1-2 pints per 100 gallons
Option 4	Crop Oil Concentrate	1-2 pints per acre
Option 5	Nonionic Surfactant and AMS	Nonionic surfactant (1-2 pints per 100 gallons) AMS (1-2 pounds per acre)
Option 6	Nonionic Surfactant and UAN	Nonionic surfactant (1-2 pints per 100 gallons) UAN (2-4 pints per acre)
Option 7	Crop Oil Concentrate and AMS	Crop Oil Concentrate (1 pint per acre) AMS (1-2 pounds per acre)
Option 8	Crop Oil Concentrate and UAN	Crop Oil Concentrate (1 pint per acre) UAN (2-4 pints per acre)

Table 3 - Additive Rate (Per Acre)

Additive	Air Application Rate	Ground Application Rate
AMS	2.5 pounds per acre	2.5 pounds per acre
Oil Concentrate	1-2 pints per acre	1-2 pints per acre
UAN Solution	4 pints per acre	4-8 pints per acre
Nonionic Surfactant	1-2 pints per 100 gallons	1-2 pints per 100 gallons

MIXING INFORMATION

AcifinTM 2L may be mixed with the following products. When tank mixing this product, read and follow the tank mix instructions in this label and in the label of the tank mix partner(s).

Lasso® 4E (alachlor)
 Matador® (quizalofop)
 Pinnacle® (thifensulfuron methyl)

fenoxaprop-p-ethyl)

 Poast[®] (sethoxydim) Poast[®] HC (sethoxydim)

• Pursuit® (imazethapyr) • Raptor[®] (imazamox)

Poast[®] Plus (sethoxydim)

Glyphosate

- Assure[®] II (quizalofop)
- Basagran® (bentazon)
- Cadre[®] (imazamethapyr)
 Classic[®] (chlorimuron ethyl)
- Concert[®] SP (thifensulfuron methyl+chlorimuron ethyl)
- Dual[®] 8E (metolachlor)
 Facet 75 DF (quinclorac)
- FirstRate[®] (chloransulam-methyl)
- Frontier[®] 6.0 (dimethenamid) • Fusilade[®] DX (fluazifop-p-butyl)
- Fusion[®] (fluazifop-p-butyl +

Refer to the Crop-Specific Information section for further instructions. Applicators must read and follow the directions for use and all limitations and restrictions on the labels of all products in the tank mixture. The most restrictive label of those in the tank mix applies.

Reliance[®] STS (thifensulfuron methyl + chlorimuron ethyl)

Take special care when mixing AcifinTM 2L with other pesticides (herbicides, fungicides, miticides or insecticides), fertilizers or additives if they are not listed as tank mix partners on this labeling. Untested tank mixtures could result in physical incompatibility, crop injury or reduced weed control. Local agricultural authorities may be able to recommend additional tank mixtures.

Compatibility Test for Tank Mix Components

Before mixing components, always perform a compatibility jar test. For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust rates accordingly. Only use water from the intended source temperature.

Add components in the sequence indicated in Mixing Order using teaspoons for each pound or 1 teaspoon for each pint of label rate per acre. Always cap the jar and invert 10 cycles between component additions. When the components have all been added to the jar, let the solution stand for 15 minutes. Evaluate the solution for uniformity and stability. The spray solution should not have free oil on the surface, nor fine particles that precipitate to the bottom, nor thick (clabbered) texture. If the spray solution is not compatible, repeat the compatibility test with the addition of a suitable compatibility agent. If the solution is compatible, use the compatibility agent as directed on its label. If the solution is still incompatible, do not mix the ingredients in the same tank. Mixing Order

1. Water. Begin by agitating a thoroughly clean sprayer tank three-quarters full of clean water.

2. Agitation. Maintain constant agitation throughout mixing and application. 3. Products in PVA Bags. Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.

Water dispersible products (such as dry flowables, wettable powders, suspension concentrates, or suspo-emulsions). If an inductor is used, rinse it thoroughly after the component has been added.
 Water-soluble products (such as AcifinTM 2L). If an inductor is used, rinse it thoroughly after the component has been added.

- 6. Emulsifiable concentrates (such as oil concentrate when applicable). If an inductor is used, rinse it thoroughly after the component has been added.
- Water-soluble additives (such as AMS or UAN when applicable). If an inductor is used, rinse it thoroughly after the component has been added.
 Remaining quantity of water. Maintain constant agitation during application.

- Besource[®] (flumiclorac)
- Sceptor[®] (imazaguin)
- Select[®] (clethodim)
- Skirmish[®] (chlorimuron ethyl)
- 2 4-DB
- 2,4-DB (preplant burndown only)
- - Stam[®] (propanil)
 - Synchrony® STS (thifensulfuron methyl + clorimuron ethyl)

RESTRICTIONS AND LIMITATIONS

- Soybeans and peanuts: Do not apply more than a total of 2 pints of AcifinTM 2L per acre (0.5 lb. of active ingredient per acre) per season. Do not apply more than 1.5 pints of AcifinTM 2L per acre (0.375 lb. of active ingredient per acre) per application
- Strawberries: Do not apply more than a total of 3 pints of AcifinTM 2L per acre (0.75 lb. of active ingredient per acre) per season. Do not apply more than 1.5 pints of AcifinTM 2L per acre (0.375 lb. of active ingredient per acre) per application
- Rice: Do not apply more than a total of 1 pint of AcifinTM 2L per acre (0.25 lbs. of active ingredient per acre) per season. Do not apply more than 1 pint of AcifinTM 2L per acre (0.25 lb. of active ingredient per acre) per application.
- There must be a minimum of 15 days between applications of Acifin[™] 2L.
 Do not use plants treated with Acifin[™] 2L for forage or feed.
- If there is a crop failure, small grains must not be replanted in a field for 40 days following the treatment of that field with AcifinTM 2L. Soybeans, strawberries and peanuts may be replanted immediately in the event of crop failure. All other rotational crops must not be replanted for 100 days following treatment with this product. • Do not treat crops or weeds with Acifin[™] 2L that are under stress as unsatisfactory control of target species may result. Sources of stress may be due to drought, flooding, mechanical injury, widely fluctuating
- temperatures, hail damage, flooding or herbicide injury.
- Do not treat plants (half values), includes plant stunting and leaf phytotoxicity. Application of this product to injury caused by previous herbicide application includes plant stunting and leaf phytotoxicity. Application of this product to injured crops may cause the existing injury to be prolonged and/or enhanced.
- If overhead irrigation or rainfall occurs within 4 hours of treatment with this product, the effectiveness of Acifin[™] 2L may be reduced.
 Do not apply Acifin[™] 2L through any type of irrigation system.

Table 4 – Crop-Specific Restrictions Summary Table

Сгор	Pre-Harvest Interval (PHI): Minimum Time Between Application to Harvest	Maximum Rate Per Application (Per Acre)	Maximum Rate Per Season (Per Acre)
Peanuts	75 days	1.5 pints	2 pints
Rice	50 days	1 pint	1 pint
Soybeans	50 days	1.5 pints	2 pints
Strawberries	60 days	1.5 pints	3 pints

CROP SPECIFIC INFORMATION

PEANUTS

Apply AcifinTM 2L as a preemergence application to peanuts (at the initiation of soil cracking but prior to crop emergence from the soil) at the rates specified in Table 1 above. This product may also be used to control listed weeds as a postemergence application.

Tank Mixes

Acifin[™] 2L may be tank mixed with the following products for the treatment of peanuts. Cross-refer to Table 2 above for additive options.

Tank Mix Partner	Additive (see Table 2 above)
Basagran®	Option 3 or Option 4
Cadre®	Option 3
Dual® 8E	Option 3
Frontier® 6.0	Option 3
Lasso® 4E	Option 3
Poast®	Option 4
Poast® HC	Option 4
Poast® Plus	Option 4
2,4-DB ¹	Option 3 or Option 4

¹ Do not apply Acifin[™] 2L mixed with 2,4-DB after the pod-filling stage has started. RICE

Apply this product from the late tillering stage until the early boot stage (usually in June or July). Prior to application, the rice crop must be past the 3-leaf stage.

Hemp sesbania plants must be treated prior to the flowering stage. For the most effective application, apply AcifinTM 2L once the growth of sesbania extends above the rice.

Apply AcifinTM 2L to hemp sesbania at the rate of 0.5 pint per acre. In order to control later germinating sesbania, make a second application of AcifinTM 2L at the rate of 0.5 pint per acre. A spray adjuvant is important to the control of hemp sesbania with AcifinTM 2L. In order to achieve uniform control of target weed species, mix 1 to 2 pints of an 80% active nonionic spray surfactant per 100 gallons of water.

Restrictions and Limitations

• The maximum application rate for AcifinTM 2L when treating rice crops is 1 pint per acre, per season: only to be used to control hemp sesbania.

• Do not apply to rice more than 2 times per season

• Do not treat rice with this product after it has reached the boot stage of growth.

The water from treated rice fields must not be used for the irrigation of crops except those labeled for use with Acifin[™] 2L.
 Crayfish from rice areas treated with this product must not be harvested.

Tank Mixes

AcifinTM 2L may be tank mixed with the following products for the treatment of rice. Cross-refer to Table 2 above for additive options.

Tank Mix Partner	Additive (see Table 2 above)
Basagran®	Option 3
Facet® 75 DF	Option 3
Propanil	Option 3

SOYBEANS

For the most effective treatment of AcifinTM 2L, spray actively growing small weeds. For more information refer to the Application Instructions (above) and Table 1 (above).

In order to control weeds that escaped the first application, or subsequent weed flushes, make a sequential application of Acifin[™] 2L as follows: apply 1 pint of Acifin[™] 2L following an application of 1 pint of Acifin[™] 2L. Applications must be made before target weeds reach the maximum size (refer to Table 1 above). Tank Mixes

Acifin™ 2L may be tank mixed with the following products for the treatment of soybeans. Cross-refer to Table 2 above for additive options:

Tank Mix Partner	Additive (see Table 2 above)
Assure II®1	Option 3
Basagran®	Option 3 or Option 4
Classic®	Option 3
Concert® SP (up to 0.25 ounces)	Option 5
First Rate®	Option 5
Frontier® 6.0	Option 3
Fusilade® DX1	Option 3
Fusion ^{®1}	Option 3
Glyphosate	8.5 lbs. to 17 lbs. of AMS per 100 gallons
Matador®1	Option 3
Pinnacle® (up to 0.25 ounces)	Option 3 or Option 5
Poast®	Option 4
Poast [®] HC ¹	Option 4
Poast Plus®1	Option 4
Pursuit®	Option 5
Raptor®	Option 5
Reliance® STS SP ² (up to 0.25 ounces)	Option 5

SOYBEANS (continued)

Tank Mix Partner	Additive (see Table 2 above)
Resource®	Option 4
Sceptor®	Option 3
Select® 2 EC	Option 4
Skirmish®	Option 5
Synchrony® STS ² (up to 0.5 ounce)	Option 7 or Option 8
2,4-DB	Option 3

¹ If applying this product with AcifinTM 2L as a constituent of a weed control program, ensure the following for the most effective application:

If an application is made with Acifin[™] 2L tank mix partner first, wait 24 hours prior to treating the same area with Acifin[™] 2L.
 If an application is made with Acifin[™] 2L tank mix partner first, wait 7 days prior to treating the same area with the tank mix partner.
 ² Treatment of varieties of soybean that are not designated STS will cause loss of yield and/or severe crop injury. When treating non-STS designated soybean with this tank mix, do not add oil concentrate.

Burndown Treatment (Prior to Soybean Planting) In order to control listed weeds that are present, this product can be applied on its own prior to planting (See Table 1 for listed weed species). Pre-planting burndown activity can be enhanced through the use of a spray additive. This pre-planting treatment is not a replacement for a full season weed control program.

Tank Mixes (Burndown)

AcifinTM 2L may be tank mixed with the following products for the pre-planting burndown treatment of soybean. Cross-refer to Table 2 above for additive options.

Tank Mix Partner	Additive (see Table 2 above)
Poast®	Option 4, Option 7 or Option 8
Poast® HC	Option 4, Option 7 or Option 8
Poast Plus®	Option 4, Option 7 or Option 8
2,4-D LVE	Option 4

STRAWBERRIES

Apply AcifinTM 2L using ground equipment up to the maximum application rate of 1.5 pints per acre per season of AcifinTM 2L (0.375 lb. of active ingredient per acre per season) in order to control listed broadleaf weeds (listed in table below). Make broadcast applications of AcifinTM 2L, or a tank mix in 20-40 gallons of water per acre. Applicators must proportionally reduce rates for band strip applications.

RESTRICTION: Do not apply more than 3 pints per acre per season of Acifin™ 2L (0.75 lb. of active ingredient per acre per season).

Annual Strawberries grown on plastic mulch on plant beds:

Treat after final land preparation, but before laying plastic mulch and before transplanting the crop using one banded application. For the most effective application, minimize soil disturbance during planting and the laying of plastic.

When applying AcifinTM 2L between rows of plastic mulch, apply the product as a direct-shielded application to the middle of strawberry row in between mulched beds. Applicators must not allow this product to contact strawberry plants.

Perennial Strawberries:

Apply as follows:

1. Make a first application of Acifin™ 2L following bed renovation or after the last harvest.

2. Make the second application when the plants are dormant (usually late fall to early spring). The second application must be made after a period of at least 120 days after the strawberry harvest.

When applying this product to row middles, apply AcifinTM 2L up to the maximum rate (1.5 pints AcifinTM 2L per acre per season/0.375 lb. of active ingredient per acre per season).

Broadleaf Weeds Controlled by Acifin™ 2L	
Artichoke, Jerusalem (Helianthus tuberosus)	Morningglory, Purple Moonflower (Ipomoea muricata)
Balloonvine (Cardiospemum halicacaburm)	Morningglory, Scarlet (Ipomoea coccinea)
Beggarweed, Florida (Desmodium tortuosum)	Morningglory, Smallflower (Jacquemontia tamnifolia)
Beggarticks (Bidens frondosa)	Morningglory, Small White (pitted) (Opomoea lacunose)
Bindweed, Field (Convolvulus arvensis)	Morningglory, Tall, Common (Ipomoea purpurea)
Bindweed, Hedge (Convolvulus sepium)	Morningglory, Willowleaf (Palmleaf) (Ipomoea wrightii)
Buckwheat, Wild (Polygonum convolvulus)	Mustard, Wild (Brassica kaber)
Buffalobur (Solanum rostratum)	Nightshade, Black (Solanum nigrum)
Burgherkin (Cucumis anguria)	Nightshade, Eastern Black (Solanum ptycanthum)
Carpetweed (Mollugo verticillata)	Pigweed, Palmer (Amaranthus palmeri)
Citron (Wild Watermelon) (Citrullus vulgaris)	Pigweed, Prostrate (Amaranthus blitoides)
Cocklebur, Common (Xanthium pensylvanicum)	Pigweed, Redroot (Amaranthus retroflexus)
Cocklebur, Heartleaf (Xanthium strumarium)	Pigweed, Smooth (Amaranthus hybridus)
Copperleaf, Hophornbeam (Acalypha ostryaefolia)	Pigweed, Spiny (Amaranthus spinosus)
Copperleaf, Virginia (Acalypha virginica)	Poinsettia, Wild (Euphorbia heterophylla)
Crotolaria, Showy (Crotalaria spectabillis)	Poorjoe (Diodia teres)
Croton, Tropic (Croton glandulosus)	Purslane, Common (Portulaca oleracea)
Croton, Wooly (Croton capitatus)	Pusley, Florida (Richardia scabra)
Crownbeard, Golden (Verbesina encelioides)	Ragweed, Common (Ambrosia artemisifolia)
Cucumber, Wild Spiny (Cucumis dipsaceus)	Ragweed, Giant (Ambrosia trifida)
Eclipta (Eclipta alba)	Redvine (Brunnichia cirrhosa)
Galinsoga, Hairy (Galinsoga ciliate)	Senna, Coffee (Cassia occidentalis)
Galinsoga, Smallflower (Galinsoga parviflora)	Sesbania, Hemp (Sesbania exaltata)
Groundcherry, Cutleaf (Physalis angulate)	Smartweed, Pennsylvania (Polygonum pensylvanicum)
Groundcherry, Lanceleaf (Physalis lanceifolia)	Smellmelon (Cucumis melo)
Indigo, Hairy (Indigo fera hirsute)	Spurge, Prostrate (Euphorbia supine)
Jimsonweed (Datura stramonium)	Spurge, Spotted (Euphorbia maculate)
Ladysthumb (Polygonum persicaria)	Starbur, Bristly (Acanthospermum hispidum)
Lambsquarters, Common (Chenopodium album)	Teaweed (See Sida, Prickly) (Sida spinosa)
Milkweed, Climbing (Sarcostemma cyanchoides)	Trumpetcreeper (Campsis radicans)
Milkweed, Common (Asclepias syriaca)	Velvetleaf (Abutilon theophrasti)
Morningglory, Cypressvine (Ipomoea quamoclit)	Waterhemp, Common (Amaranthus rudis)
Morningglory, Entireleaf (Ipomoea hederacea var. integruscula)	Waterhemp, Tall (Amaranthus tuberculatus)
Morningglory, Ivyleaf (Ipomoea hederacea var. hederacea)	

Grasses Controlled by Acifin™ 2L	
Foxtail, Giant (Setaria faberi)	Shattercane (Sorghum bicolor)
Foxtail, Green (Setaria viridis)	Volunteer Barley (Hordeum vulgare)
Foxtail, Yellow (Setaria lutescens)	Volunteer Barley, Corn (Zea mays)
Johnsongrass, Seedling (Sorghum halepense)	Volunteer Barley, Oats (Avena sativa)
Johnsongrass, Rhizome (Sorghum halepense)	Volunteer Barley, Rye (Secale cereal)
Panicum, Fall (Panicum dichotomiflorum)	Volunteer Barley, Wheat (Triticum aestivum)
Panicum, Texas (Panicum texanum)	

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE:** Do not store below 32°F.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. CONTAINER HANDLING:

[Nonrefillable container less than or egual to 5 gallons]

Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Fill the container ½ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed, these containers are acute hazardous wastes and must be disposed of in accordance with local, state and federal regulations. [Nonrefillable containers greater than 5 gallons]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container. Nonrefillable container. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ½ full with water. Recap and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

Steps to be taken in case material is released or spilled:

Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove the contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before re-use. Keep the spill out of all sewers and open bodies of water.

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of Summit Agro USA, LLC. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Summit Agro USA, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, neither Summit Agro USA, LLC, the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

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