GROUP 2 HERBICIDE

Container

## Chikara® 25WG Herbicide

#### **COMMERCIAL**

#### WATER DISPERSIBLE GRANULE

### A HERBICIDE FOR USE IN GRAPES AND LOWBUSH BLUEBERRIES

# READ THE LABEL BEFORE USING KEEP OUT OF REACH OF CHILDREN

**REGISTRATION NO: 33130** 

PEST CONTROL PRODUCTS ACT

Net Contents: 0.1-60 kg

Manufactured by: Distributed By:

ISK Biosciences Corporation Belchim Crop Protection Canada, Inc.

7470 Auburn Road, Suite A 104 Cooper Drive, Unit 3

Concord, Ohio
Guelph, ON
44077
N1C 0A4
USA
Canada

1-877-706-4640 519-826-7878

Chikara is a registered trademark of Ishihara Sangyo Kaisha, Ltd.

#### **PRECAUTIONS**

#### KEEP OUT OF REACH OF CHILDREN

Avoid breathing vapor or spray mist. Do not swallow or allow to absorb through the skin. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash separately from other laundry before reuse.

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair (unless otherwise specified below). In addition, wear protective eyewear (goggles or face shield) during mixing and loading. Gloves are not required during application within a closed cab. For application using groundboom equipment and handling more than 48kg of Chikara 25WG Herbicide in a day, wear chemical-resistant coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and chemical-resistant footwear, and protective eyewear (goggles or face shield) during mixing and loading. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove personal protection equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Keep and wash PPE separately from other laundry.

Do not graze treated fields to livestock.

**DO NOT** apply by air.

**DO NOT** apply using handheld mistblower/airblast or handheld fogging equipment.

Do not apply to plants that are under stress due to drought, standing water, heavy insect and/or disease pressure, low soil fertility etc.

Do not incorporate into the soil.

**DO NOT** apply through any irrigation system.

Do not contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Restricted Entry Interval: **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

**DO NOT** use in residential areas. Residential areas are defined as any use site where bystanders including children, could be exposed during or after application. This includes areas in and around homes, schools, public buildings, or any other areas where they could be exposed.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

#### **FIRST AID**

**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 centre 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 centre or doctor for treatment advice.

**IF INHALED:** Move the person to fresh air. If the person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

#### TOXICOLOGICAL INFORMATION

There is no specific antidote for this product. Treat symptomatically.

#### **ENVIRONMENTAL PRECAUTIONS**

**TOXIC** to aquatic plants and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

This product demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of Chikara 25 WG Herbicide in areas where soils are permeable (e.g., sandy soil), particularly where the water table is shallow, may result in ground water contamination.

# IN CASE OF EMERGENCY INVOLVING A POISONING CALL 1-888-484-7546

# IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL CALL 1-800-424-9300

#### **STORAGE**

Store in a cool, dry, secure and well ventilated area. Store this product away from food or feed. Keep pesticide in original container. Not for use or storage in or around the home. Do not store near open flame.

#### **DISPOSAL**

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean-up of spills.

#### **Container Disposal**

#### Recyclable container

Do not reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

- 1. Triple- or pressure rinse the empty container. Add the rinsings to the spray mixture in the tank
- 2. Make the empty, rinsed container unsuitable for further use.

If there is no container site in your area, dispose of the container in accordance with provincial requirements.

## NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

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#### RESISTANCE MANAGEMENT

For resistance management, Chikara 25WG Herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to Chikara 25WG Herbicide and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

#### To delay herbicide resistance:

- Where possible, rotate the use of Chikara 25WG Herbicide or other Group 2 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an integrated weed management program that
  includes scouting, historical information related to herbicide use and crop rotation,
  and considers tillage (or other mechanical control methods), cultural (for example,
  higher crop seeding rates; precision fertilizer application method and timing to
  favour the crop and not the weeds), biological (weed-competitive crops or varieties)
  and other management practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- Contact your local extension specialist or certified crop advisors for any additional
  pesticide resistance-management and/or integrated weed-management
  recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact ISK Biosciences Corporation at 1-877-706-4640 or at <a href="https://www.iskbc.com">www.iskbc.com</a>.

#### **DIRECTIONS FOR USE**

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

#### **Product Specific Precautions:**

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-877-706-4640 or obtain technical advice from the distributor or your provincial agricultural representative. Application of the specific product must meet and/or conform to the following:

#### **General Use Information:**

Chikara 25WG Herbicide is a selective herbicide for preemergence and postemergence control of certain broadleaf weeds and grasses in grapes and lowbush blueberries.

Chikara 25WG Herbicide is absorbed through the root and foliage of plants, rapidly inhibiting the growth of susceptible weeds. For preemergence application, rainfall or irrigation is needed for herbicide activation. Length of control is a function of environmental factors such as soil type, soil moisture, temperature and amount of moisture after the application. Existing weeds or crop residue may reduce the length and level of residual control. Weed control may also be reduced due to environmental stress to the weeds at the time of the application.

Weed growth stops within hours after the application, however progress from discoloration or chlorosis to necrosis generally requires from 2 to 4 weeks. Speed of control is generally a function of weather with faster action during warmer weather and actively growing weeds. The best control is obtained when Chikara 25WG Herbicide is applied either to weeds just prior to germination or to young, actively growing weeds.

For optimal herbicidal activity, prior to application, the bed or soil surface should be reasonably even and clear of crop and weed residue. Before herbicide application, crop and weed residue can be mixed into the soil through cultivation, or removed by blowing the area to be treated. Any practices that cause disturbance of the soil surface after herbicide treatment will decrease herbicidal activity. If rainfall does not occur within 2 weeks after a preemergence application, then 0.5 to 1.25 cm of irrigation water should be applied. Do not apply more than 2.5 cm of irrigation water.

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

#### **Buffer Zones**

Spot treatments using hand-held equipment DO NOT require a buffer zone. Use of low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage, and soil drench or soil incorporation DO NOT require a buffer zone.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

		Buffer Zones (metres) Required for the Protection of:		
Method of application	Crop	Freshwater Ha	abitat of Depths:	Terrestrial
		Less than 1 m	Greater than 1 m	Habitat:
Field sprayer	Grapes, lowbush blueberries	10	5	10

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

## **Mixing and Loading Instructions:**

Ensure the spray system is clean and free of residues from previous applications. Fill the spray tank 1/2 full with clean water. Ensure the agitation system is operating and sufficient to provide uniform spray mixing during application and until the spray tank has been

emptied. Add the appropriate amount of this product to the spray tank. Complete filling the spray tank to the desired level.

Prepare no more spray mixture than is needed for the immediate application. Avoid the overnight storage of Chikara 25WG Herbicide spray mixtures.

#### **Tank Mixtures:**

Tank mixes are generally used to broaden or extend control of the weed spectrum present. Tank mix herbicides must be registered for intended use. Read and follow all label directions for each tank mix herbicide. Always follow precautions and restrictions on the most restrictive tank mix partner.

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact ISK Biosciences Corporation at 1-877-706-4640 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label.

For tank mixtures, add individual components to the spray tank in the following sequence: water, water dispersible granules (this product), water-soluble bags, dry flowables, emulsifiable concentrates, drift control additives, water-soluble liquids, and nonionic surfactants.

#### **Additive Use Requirements:**

The use of a non-ionic surfactant at 0.25 percent by volume (0.25 litre/100 litres spray volume) provides a maximum performance for all postemergence applications. Surfactant products must contain at least 50% nonionic surfactant (see label of adjuvant). Petroleum crop oil concentrate or methylated seed oil at 1% by volume (1 litre/100 litres) can also enhance herbicide performance. Oil adjuvants must contain at least 15% surfactant emulsifiers and 80% high quality petroleum or methylated seed oil (see label of crop or seed oil). If another herbicide is tank mixed with Chikara 25WG Herbicide, select additives authorized for use with both products.

#### **Compatibility Test:**

Additives and tank mixes should be tested for compatibility by mixing in a small container prior to mixing in spray tank.

In a lidded glass jar (~1 litre size) add all mix partners, in their relative proportions. Invert, shake or mix the jar thoroughly.

If mixture forms precipitates (flakes or sludge), gels, balls-up or forms oily films or layers, this indicates incompatibility. Though signs of incompatibility will typically be seen within 5 minutes of mixing, mixture should be observed for approximately 30 minutes.

If compatibility agents do not facilitate mixing, the mixture is incompatible and should not be used.

#### **Spray Equipment Clean Out:**

After spraying Chikara 25WG Herbicide and before using sprayer equipment for any other applications, the sprayer must be thoroughly cleaned using the following procedure:

- 1. Drain tank; thoroughly rinse inside of spray tanks with clean water (rinse about 1 minute per 100 litres of tank capacity). Loosen and physically remove any visible deposits with a stiff brush.
- 2. Fill the tank with clean water and add 1 litre of household ammonia (contains at least 3% active ingredient) for every 100 litres of water. Circulate the cleaning solution through the tank and hoses for at least 15 minutes. Flush the cleaning solution through the hoses, boom and nozzles (1/4 volume of tank capacity) and then drain the tank.
- 3. Repeat step 1.
- 4. Repeat step 2.
- 5. Remove the nozzles and screen and clean separately in a bucket containing cleaning agent and water.
- 6. Rinse the tank, boom and hoses with clean water.
- 7. If only ammonia is used as a cleaner, the rinsate solution from both steps 2 and 4 may be applied back to the crop(s) as recommended on the label. Do not exceed the maximum label use rate. If other cleaners are used, consult the cleaner label for rinsate disposal instructions. If no instructions are given, dispose of the rinsate on site or at an approved waste disposal facility.
  - (Attention: **Do Not** use Chlorine bleach with ammonia as a dangerous gas will form).

#### **GROUND APPLICATION**

#### **Preemergence Weed Control:**

Apply Chikara 25WG Herbicide in a broadcast spray volume of 150 to 450 L/ha of water in a uniform application to the soil surface. Soil surfaces should be clean from crop residue and weed-free at the time of the application. If weeds, weed residue or crop residue is present, these should be removed by light mechanical incorporation or other means. Once the application has been made, the soil surface should not be disturbed.

#### **Postemergence Weed Control:**

Applications for postemergence weed control should be made in 150 to 450 L/ha of water. Use the higher water volumes if vegetation or crop residue is present. For directed sprays a spray volume of 200 L of water or more per hectare is recommended. Best results are obtained when weeds are small and actively growing. Broadleaf weeds should be no larger than 5 to 10 cm and grasses should be no taller than 10 cm and prior to first tillering. Once the application has been made, the soil surface should not be disturbed.

#### **Sprayer Preparation:**

Apply Chikara 25WG Herbicide with spray equipment that has been cleaned and is free of pesticide deposits from previous pesticide use. Clean spray equipment according to manufacturer's directions, see previous pesticide label for appropriate cleanup directions, or use Chikara 25WG Herbicide Spray Equipment Clean Out procedures.

#### **Broadcast Application:**

Apply Chikara 25WG Herbicide using conventional low-pressure ground spray equipment

with flat fan or flood nozzles (preemergence applications only). Follow manufacturer's recommendation for spraying pressure and boom height. Check spray equipment daily for proper maintenance and calibration.

### **Banded Application:**

Chikara 25WG Herbicide can also be applied as a banded treatment. Banded rate and volume per treated area can be calculated by multiplying broadcast rate and volume per treated hectare by the band width divided by the row width.

#### **Directed Spray Application:**

Apply Chikara 25WG Herbicide as a low-pressure coarse spray in at least 200 litres of water per hectare. Follow manufacturer's recommendations for nozzle spacing and operating pressure. Nozzles should be adjusted to adequately cover the weed foliage but minimize contact with the crop. Do not apply with hollow cone nozzles.

## **Spot application:**

For spot applications apply sprays uniformly to the soil for preemergence weed control or to weeds for postemergence weed control. Mix the required amount of Chikara 25WG Herbicide with the recommended amount of water. For preemergence application use 10 to 20 litres per 100 m<sup>2</sup>. For postemergence application use a minimum of 20 litres per 100 m<sup>2</sup> and add a non-ionic surfactant at 5 ml per litre of spray. If applying within an established crop use coarse low-pressure sprays and direct the spray to the soil beneath the plants. Do not allow spray to contact leaves or green stems of woody plants. Use 0.5 g/L of water. Thoroughly agitate the spray solution thoroughly prior to application.

**Note:** Chikara 25WG Herbicide must be only applied once per year.

#### WEEDS CONTROLLED

The application of Chikara 25WG Herbicide alone at the rate range of 150-200 g/ha controls the following weed species. The high rate is for control of large weeds and heavy weed infestation.

#### WEEDS CONTROLLED PREEMERGENCE

Grasses	
Bluegrass, annual	Poa annua
Barley, hare	Hordeum leporinum
Bentgrass, creeping	Agrostis stolonifera
Brome, downy	Bromus tectorum
Fescue, rough	Festuca scabrella
Fescue, sheep	Festuca ovina
Fescue, tall	Festuca arundinacea
Foxtail, giant	Setaria faberi
Foxtail, green	Setaria viridis
Foxtail, yellow	Setaria glauca
Ryegrass, Italian	Lolium multiflorum
Sandbur, long-spined	Cenchrus longispinus

Broadleaves	
Burnclover, California	Medicago polymorpha
Chickweed, common	Stellaria media
Chickweed, mouse-ear	Cerastium vulgatum
Clover, crimson	Trifolium incarnatum
Dandelion	Taraxacum officinales
Dandelion, Cat's-ear	Hypochoeris radicata
Filaree, redstem	Erodium cicutarium
Fleabane, hairy	Conyza bonariensis
Geranium Carolina	Geranium carolinianum
Groundsel	Senecio sp.
Groundsel, common	Senecio vulgaris
Henbit	Lamium amplexicaule
Lambs-quarters, common	Chenopodium album
Mallow, common	Malva neglecta
Mallow, little	Malva parviflora
Mustard	Sinapsis sp.
Mustard, Indian	Brasica juncea
Mustard, wild	Brassica kaber
Pigweed, prostrate	Amaranthus litoides
Pigweed, redroot	Amaranthus retroflexus
Pigweed, tumble	Amaranthus albus
Purslane, common	Portulaca oleracea
Ragweed, common	Ambrosia artemisiifolia
Shepherd's-purse	Capsella bursa-pastoris
Sowthistle, annual	Sonchus oleraceus
Speedwell, corn	Vernonica arvensis
Spurge, creeping	Euphorbia serpens
Spurge, prostrate	Euphorbia humistrata
Spurge, spotted	Euphorbia maculata
Willoweed, panicle	Epilobium brachycarpum

Sedges		
Yellow Nutsedge	Cyperus esculentus	

# WEEDS SUPPRESSED PREEMERGENCE

Grasses	
Crabgrass, large	Digitaria sanguinalis
Hair Fescue*	Festuca filiformis
Narrowleaf Goldenrod*	Euthamia graminifolia
Red Sorrel*	Rumex acetosella
Witchgrass	Panicum caplillare

<sup>\*</sup>Apply at high rate for suppression

**Broadleaves** 

Horseweed, Canada/Mare's Erigeron canadensis / Conyza

tail Canadensis
Oxtongue, bristly Picris echioides
Sowthistle Sonchus sp.

#### WEEDS CONTROLLED POSTEMERGENCE

Grasses

Bluegrass, annual Poa annua

Bentgrass, creeping
Brome, downy
Crabgrass, large
Crabgrass, smooth
Fescue, rough
Fescue, sheep

Agrostis stolonifera
Bromus tectorum
Digitaria sanguinalis
Digitaria ischaemum
Festuca scabrella
Festuca ovina

Fescue, tall Festuca arundinacea

Foxtail, giant
Foxtail, green
Foxtail, yellow
Ryegrass, Italian
Sandbur, long-spined

Setaria faberi
Setaria viridis
Setaria glauca
Lolium multiflorum
Cenchrus longispinus

**Broadleaves** 

Geranium Carolina

Bedstraw, catchweed Galium aparine

Burclover, California Medicago polymorpha

Carrot, wild Daucus carota Chamomile, mayweed Anthemis cotula Chickweed, common Stellaria media Chickweed, mouse-ear Cerastium vulgatum Clover, crimson *Trifolium incarnatum* Clover, Hop Trifolium aureum Clover, Large Hop Trifolium campestre Filaree, redstem Erodium cicutarium Fleabane, hairy Conyza bonariensis

Groundsel Senecio sp.
Groundsel, common Senecio vulgaris
Henbit Lamium amplexicaule

Horseweed, Canada/Mare's Erigeron canadensis / Conyza

Geranium carolinianum

tail canadensis

Lambs-quarters, commonChenopodium albumMallow, commonMalva neglectaMallow, littleMalva parvifloraMustardSinapsis sp.

Mustard, Indian	Brasica juncea
Mustard, tumble	Sisymbrium altissimum
Pansy, field	Viola rafinesquil
Pepperweed, field	Lepidium campestre
Pigweed, prostrate	Amaranthus litoides
Pigweed, redroot	Amaranthus retroflexus
Pigweed, tumble	Amaranthus albus
Purslane, common	Portulaca oleracea
Ragweed, common	Ambrosia artemisiifolia
Shepherd's-purse	Capsella bursa-pastoris
Sowthistle, annual	Sonchus oleraceus
Speedwell, corn	Veronica arvensis
Spurge, creeping	Euphorbia serpens
Spurge, prostrate	Euphorbia humistrata
Spurge, spotted	Euphorbia maculata
Thistle, bull	Cirsium vulgare
Thistle, Canada	Cirsium arvense
Willoweed, panicle	Epilobium brachycarpum
Wintergreen, chickweed	Trientalis europaea

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Yellow Nutsedge Cyperus esculentus

# WEEDS SUPPRESSED POSTEMERGENCE

Grasses		
Polypogon, rabbitfoot	Polypogon monspeliensis	
Witchgrass	Panicum caplillare	
Barley, hare	Hordeum leporinum	

Broadleaves		
Dandelion	Taraxacum officinale	
Fleabane, rough	Erigeron strigosus	
Oxtongue, bristly	Picris echioides	

#### HOST CROPS

#### **GRAPE**

Chikara 25WG Herbicide may be applied to all grape varieties (including wine, table and raisin).

Weed Control	Rate (g/ha)	Specific Use Directions
Preemergence	150-200	
Post	150-200	Apply to broadleaf weeds and grasses less than 10
emergence		cm tall and before tillering of grasses. Use
		sufficient spray volume to obtain complete and
		uniform coverage. Use higher water volumes on
		larger weeds. Adjuvant use recommended.

**Precautions:** Apply only to 3<sup>rd</sup> year planted vines and older. Apply only as a directed spray to the soil beneath the vines to prevent injury to the foliage and bark of young vines. Use of a protective sleeve is required for third year vines to minimize injury potential. Do not apply to areas where roots are exposed or suckers are actively growing and have not hardened off. Once the application has been made, the soil surface should not be disturbed. For postemergence application, use an adjuvant (refer to Additive Use Requirements section).

Rates listed above are for broadcast application. If making a banded application, see product information section of the label for calculating appropriate use rate. Do not apply to stony soils.

**Tank Mixes:** For postemergence weed control, consider tank mixing Chikara 25WG Herbicide with a burndown herbicide, such as glyphosate which is labeled for the same use pattern and timing on the crop, or Ignite SN, or Ignite 15SN Herbicide and Crop Desiccant. For longer residue control of annual weeds, consider tank mixing Chikara 25WG Herbicide with Karmex XP, Karmex DF, Diurex 80W, Alligare Diuron 80W, Simadex Simazine Flowable, Princep Nine-T, or Simazine 480. Follow all label instructions, restrictions and precautions on both labels. Refer to Tank Mixtures section for additional information regarding tank mixtures.

**Restrictions:** Do not apply more than one application per year. The pre-harvest interval (PHI) for this crop is 75 days.

# LOWBUSH BLUBERRY

Chikara 25WG Herbicide may be applied to lowbush blueberries.

Weed Control	Rate (g/ha)	Specific Use Directions
Preemergence	150-200	Make a single application in the fall of the bearing
and		year to dormant, renovated/pruned fields.
Postemergence		- OR -
		Make a single application in the spring of the vegetative non-bearing year to dormant fields, prior to the vegetative re-growth.
<b>Precautions:</b> For postemergence application, use an adjuvant (refer to Additive Use		
Requirements section). Rates listed above are for broadcast application. Do not apply		
to stony soils.		
Restrictions: Do not make more than 1 application per year.		