

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

KENSO
agcare

Nugget

NON-SELECTIVE HERBICIDE
ACTIVE CONSTITUENT : 500 g/L GLYPHOSATE
present as the isopropylamine salt

GROUP M HERBICIDE

CONTENTS:
20 Litres
APVMA Approval No.:
60478/20L/1208

 Water soluble herbicide for non-selective control of many annual, perennial and aquatic weeds in the situations stated in the directions for use table

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE


Nugget 20L

Kenso Corporation (M) Sdn Bhd Kirkland Corner H/177 Old Cleveland Rd. Coorparoo 4151 Phone (07) 38474288

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET SPECIES

Kenso Agcare Nugget Non-Selective Herbicide is a translocated herbicide, contact with desirable plants and trees can cause severe damage or death.

DO NOT spray in conditions conducive to spray drift.

DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate dams, streams or waterways with the product or used containers. When controlling weeds near water follow the label directions for aquatic areas to minimise the entry of spray into the water.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

110L Mini Bulk Returnable Container (110L only)

Store the original sealed drum in a cool well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the drum with water or any foreign matter.

After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the drum have been used, please return the empty drum to the point of purchase. The drum remains the property of Kenso Corporation (M) Sdn Bhd.

Refillable containers (1000L only):

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Product will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing product for use, wear elbow-length PVC gloves and face-shield or goggles. When using controlled droplet applicator wear protective water proof clothing and impervious footwear. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 13 11 26).

MATERIAL SAFETY DATA SHEET

Additional information listed in the Material Safety Data Sheet which is available from the supplier.

CONDITIONS OF SALE

"Kenso Corporation (M) Sdn. Bhd." ('Kenso') shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Kenso's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Kenso has any authority to add to or alter these conditions.

| |
|---|
| In a Transport Emergency Dial 000 Police or Fire Brigade |
|---|

Batch No:

Date of Manufacture:

Product of Malaysia

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

KENSO AGCARE
NUGGET
NON-SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 500G/L GLYPHOSATE
PRESENT AS THE ISOPROPYLAMINE SALT

| | | |
|--------------|----------|------------------|
| GROUP | M | HERBICIDE |
|--------------|----------|------------------|

WATER SOLUBLE HERBICIDE FOR NON-SELECTIVE CONTROL OF MANY ANNUAL, PERENNIAL AND AQUATIC WEEDS IN THE SITUATIONS STATED IN THE DIRECTIONS FOR USE TABLE.

IMPORTANT: READ THIS LEAFLET BEFORE OPENING OR USING

APVMA Approval No: 60478/1208



Kenso Corporation (M) Sdn Bhd
Kirkland Corner H/177 Old Cleveland
Rd. Coorparoo 4151
Phone: 07 3847 4288

DIRECTIONS FOR USE –

RESTRAINTS:

DO NOT mix with hard or turbid water.
 DO NOT spray weeds under stress.
 DO NOT spray if rain is expected within 2 hours.

| TABLE ONE WEEDS CONTROLLED: WA, SA, VIC, NSW only | APPLICATION RATE (Volume/Ha) | | | CRITICAL COMMENTS |
|---|--|---|--------------------|--|
| | Prior To Sowing A Crop Or Pasture With Full Soil Disturbance By Cultivation Or Sowing With A Tyned Implement | Prior To Establishing A Crop Or Pasture With An Implement That Gives Minimal Or No Soil Disturbance | To Commence Fallow | |
| Barley Grass (<i>Hordeum leporinum</i>) Volunteer Cereals Wild Oats (<i>Avena</i> spp.) | 360mL – 720mL pre-tillering 720mL – 900mL post-tillering | 720mL – 1.08L | 720mL – 1.08L | <p>Treat only actively growing weeds not under stress from low moisture, frost, cold, disease, waterlogging or covered in dust. If heavy grazing has occurred, allow regrowth to 6-8cm before spraying and use the higher rate.</p> <p>RATE SELECTION Full Soil Disturbance: Increase to higher rate late in the season or when in cold or overcast conditions. No Soil Disturbance: Use the lower rate on young weeds; increase to the higher rate where grasses reach full tillering or where broadleaf weeds reach stem elongation/budding. Increase to higher rates in Spring or when treating in cold or overcast conditions. To Commence Fallow: Use lower rates on young weeds or where cultivation is to follow within 21 days. Increase to the high rate when grasses reach full tillering or where broadleaf weeds reach stem elongation/budding.</p> <p>ANNUAL RYEGRASS, SILVERGRASS AND PERENNIAL GRASSES Add non-ionic surfactant (1000g/L), 100mL/100L spray solution to improve control. When treating dense infestations of Silvergrass, use low volumes nozzles (eg. SS11001, Hardi No 10) and a spray volume of 70L/Ha or more is recommended to improve plant spray coverage.</p> <p>COUCH Use the higher rate on dense infestations. Apply during summer and autumn. Repeat applications are required for full control. Use in conjunction with cultivation for improved control.</p> <p>PERENNIAL WEEDS (Perennial Phalaris, Soursob, Skeleton Weed and Sorrel). Kenso Agcare Nugget will provide knockdown seasonal suppression and reduction in treated plant numbers.</p> <p>FULL DISTURBANCE Cultivate or sow with a tyned implement 1-21 days after treatment (7 days if Dock, Phalaris, Skeleton Weed, Soursob or Sorrel are present), and after the formation of a satisfactory seedbed. New weed growth, requiring further treatment, may occur if cultivation or sowing does not occur 21 days after treatment. For light infestations of seedling, annual grasses (pre-tillering) and annual broadleaf weeds (less than 8cm diameter/height), cultivation and sowing may commence 2 hours – 21 days after treatment.</p> <p>NO SOIL DISTURBANCE (Pasture/Crop Establishment): DO NOT sow into excessive trash. Trash may be removed by grazing after treatment. Commence grazing 1 day after treatment of annual weeds (3 days when large) and 7 days after treatment for perennial weeds. For aerial or surface seedling, delay seedling until trash has been completely removed by grazing and plant decay.</p> <p>TANK MIXTURES Read and follow all label directions, restraints, plant back periods, withholding periods, regional use restrictions and safety directions.</p> <p>NOTE: In the situation of "To Commence a Fallow", treat the following weeds as specified. Hoary Cress: treat from late rosette to early flowering. Soursob: treat at tuber exhaustion.</p> |
| Brome Grass (<i>Bromus</i> spp.) | | 900mL – 1.44L | 1.08L-1.44L | |
| Annual Ryegrass (<i>Lolium rigidum</i>) Silver Grass (<i>Vulpia</i> spp.) | 720mL – 900mL pre-tillering 900mL – 1.08L post-tillering | 1.08L – 1.44L | | |
| Annual Phalaris (Canary Grass) (<i>Phalaris</i> spp.) | | - | - | |
| Winter Grass (<i>Poa annua</i>) | | 900mL – 1.44L | | |
| Capeweed (<i>Arctotheca calendula</i>) | 360mL – 720mL <8cm dia/height 720mL – 1.08L >8cm dia/height | | 1.08L – 1.44L | |
| Calomba Daisy (<i>Pentzia suffruticosa</i>) Doublegee/Spiny Emex (<i>Emex australis</i>) | | - | - | |
| Amsinckia (<i>Amsinckia</i> spp.) Fumitory (<i>Fumaria officinalis</i> , <i>F. muralis</i>) | 720mL – 900mL <12cm dia 900mL – 1.08L >12cm dia | | | |
| Paterson's Curse (<i>Echium plantagineum</i>) Saffron Thistle (<i>Carthamus lanatus</i>) Scotch Thistle (<i>Onopordum acanthum</i>) Spear Thistle (<i>Cirsium vulgare</i>) Wild Turnip (<i>Brassica tournefortii</i>) | | 1.08L – 1.44L | 1.08L – 1.44L | |
| Variogated Thistle (<i>Silybum marianum</i>) Volunteer Lupins (<i>Lupinus</i> spp.) | | - | - | |
| Wild Mustard (<i>Sisymbrium officinale</i>) Wild Radish (<i>Raphanus raphanistrum</i>) | | 1.08L – 1.44L | 1.08L – 1.44L | |
| Dock (<i>Rumex</i> spp.) | 720mL – 1.08L (seedling) | | | |
| Skeleton Weed (Fully emerged rosettes) (NSW only) (<i>Chondrilla juncea</i>) | 1.08L | - | - | |
| Soursob (<i>Oxalis pes-caprae</i>) At tuber exhaustion | | | 1.08L | |
| Perennial Phalaris (<i>Phalaris aquatica</i>) | | 1.35L – 1.8L | - | |

| | | | | |
|--|---------------|---------------|---------------|---|
| Sorrell (<i>Rumex acetosella</i>) | | | | |
| Sub-Clover (<i>Trifolium subterraneum</i>) | | | | |
| Erodium (<i>Erodium cicutarium</i>) Yorkshire Fog (<i>Holcus lanatus</i>) | - | | | |
| Flatweed (<i>Hypochaeris radicata</i>) | | 1.8L | | |
| Hoary Cress (<i>Cardaria draba</i>) Late rosette to early flowering | | - | 1.08L | |
| Couch (<i>Cynodon dactylon</i>) | | | 1.08L – 2.16L | |
| All of the above weeds (Tasmania only) | 1.08L – 2.16L | 1.08L – 2.16L | | Use 1.08L/Ha on annual weeds. Increase to 2.16L/Ha where perennial weeds are being treated. To control White Clover and improve control of Sorrel and Dock, add 1L/Ha Dicamba Herbicide. Observe label directions and plant-back periods. |

TABLE TWO

| SITUATION AND CROP | WEEDS CONTROLLED | APPLICATION RATE (L/Ha) | CRITICAL COMMENTS |
|---|---|---|---|
| FALLOW OR PRIOR TO SEEDING A CROP (NSW, Qld only) | Annual Phalaris (Canary Grass) (<i>Phalaris</i> spp.), Barley Grass (<i>Hordeum leporinum</i>), Volunteer Cereals, Wild Oats (<i>Avena</i> spp.) | 360mL – 720mL | Ensure weeds are actively growing. Do not spray weeds affected by moisture stress, frost, cold, disease, waterlogging or covered in dust. |
| | Barnyard Grass (<i>Echinochloa</i> spp.), Button Grass (<i>Dactyloctenium radulans</i>), Columbus Grass (seedling) (<i>Sorghum almum</i>), Liverseed Grass (<i>Urochloa</i>) (<i>Urochloa panicoides</i>), Native Millet (<i>Panicum decompositum</i>), Stink-Grass (Lovegrass) (<i>Eragrostis cilianensis</i>), Sunflower (<i>Helianthus annuus</i>), Sweet Summer Grass (<i>Brachiaria eruciformis</i>), Volunteer Sorghum | 720mL – 1.44L | Lower rates for small weeds. Rates should be increased up to the high rate when grasses have fully tillered and broadleaf weeds reach stem elongation/budding. If heavily stocked, remove animals 3-5 days prior to spraying to allow weeds to recover. In temperatures above 30°C DO NOT APPLY BY AIRCRAFT. |
| | Australian Blue Bell (Qld only) (<i>Wahlenbergia stricta</i>), Annual Ryegrass, Cudweed (<i>Gnaphalium</i> spp.), Fumitory (<i>Fumaria officinalis</i> , <i>F. muralis</i>), Mexican Poppy (<i>Argemone mexicana</i>), Mintweed (<i>Salvia reflexa</i>), New Zealand Spinach (<i>Tetragonia tetragonoides</i>), Saffron Thistle (<i>Carthamus lanatus</i>), Spear Thistle (<i>Cirsium vulgare</i>), Spurge (<i>Euphorbia</i> spp.), Stinking Goosefoot (<i>Chenopodium vulvaria</i>), Yellowvine (Caltrop) (<i>Tribulus terrestris</i>) | 720mL – 1.08L | Prior to establishing a crop or pasture with an implement that gives minimal or no soil disturbance, use higher rate. Later winter/spring treatment of ryegrass add 200mL of a non-ionic surfactant (1000g/L) per 100L of spray solution. In hot conditions, dense infestations of Barnyard Grass and Liverseed Grass (<i>Urochloa</i>) may require follow up treatment for complete control. DO NOT tank mix with atrazine when spraying Barnyard Grass or Liverseed Grass (<i>Urochloa</i>). |
| | Annual Ground Cherry (Gooseberry) (<i>Physalis angulata</i>), Bladder Ketmia (<i>Hibiscus trionum</i>), Cabbage Thistle (Variegated Thistle) (<i>Silybum marianum</i>), Camel Melon (<i>Citrullus lanatus</i>), False Castor Oil Plant (Thornapple) (<i>Datura</i> spp.), Noogoora Burr (<i>Xanthium pungens</i>), Sow Thistle (Milk Thistle) (<i>Sonchus oleraceus</i>), Turnip Weed (<i>Rapistrum rugosum</i>), Wild Lettuce (<i>Lactuca saligna</i>), Wild Turnip (<i>Brassica tournefortii</i>), Wireweed (<i>Polygonum aviculare</i>) | 720mL – 1.08L Increase rate to 1.44L after stem elongation/budding OR 360mL – 1.08L plus 500mL – 700mL Ken-Ester 800 Selective Herbicide | |
| | Black (giant) Pigweed (<i>Trianthema portulacastrum</i>), Boggabri Weed (<i>Amaranthus macrocarpus</i>), Indian Hedge Mustard (<i>Sisymbrium orientale</i>), Summer Grass (<i>Digitaria sanguinalis</i> , <i>D. ciliaris</i>) | Up to 5 true leaves or 3cm dia/height use 360mL – 720mL More than 5 true leaves or greater than 3cm dia/height use 720mL – 1.08L | |
| | African Turnip Weed (<i>Sisymbrium thellungii</i>), Deadnettle (<i>Lamium amplexicaule</i>), Variegated Thistle (<i>Silybum marianum</i>) | Up to 5 true leaves or 3cm dia/height use 540mL – 720mL More than 5 true leaves or greater than 3cm dia/height use 720mL – 1.44L | |
| | Pigweed (<i>Portulaca oleracea</i>) | 720mL – 1.44L up to 20cm dia | Use a higher rate on larger weeds. To control pigweed over a wide range of growth stages add Metsulfuron Methyl 600 according to the label directions. Observe recropping intervals. |
| | Couch (<i>Cynodon dactylon</i>) | 1.08L – 2.16L | For dense infestations use the higher rate. Repeat applications will be required for full control. For improved control use in conjunction with cultivation. |

| | | | |
|---|--|---------------|---|
| | Johnson Grass (<i>Sorghum halepense</i>) | 1.44L – 2.16L | Apply to plants with a minimum of 30cm new growth. Use the higher rate on plants approaching seedhead stage. |
| | Nutgrass (<i>Cyperus rotundus</i>) | 2.16L + 2.16L | 1 st Application: When at least 20% have reached the seedhead stage (about February). 2 nd Application: 6-8 weeks after maximum regrowth. Follow up treatment should be part of a Nutgrass control program. |
| INFESTED PASTURE (Bent Grass) (Vic, Tas only) | Bent Grass (<i>Agrostis capillaris</i>) Most Annual Weeds | 1.8L | Remove stock to ensure full leaf growth. Apply to actively growing plants when they have some seedhead development. DO NOT apply if plants subject to summer moisture stress. 10-21 days after spraying disturb soil fully with a tyned implement. A summer crop and/or re-seeded pasture or autumn crop should follow. |
| PASTURE SEED SET CONTROL For the seed control of some annual grasses in pasture (WA, SA, Vic, NSW, Tas only) | Annual Ryegrass (<i>Lolium rigidum</i>), Calomba Daisy (<i>Pentzia suffruticosa</i>) | 324mL | Grasses may need to be grazed before spraying to get even head emergence. Capeweed and Annual Ryegrass should be sprayed at flowering. Use the higher rate for dense infestations or where Annual Ryegrass is present. Other grasses can be sprayed from head emergence to the milky dough stage. Best seed set control of Barley Grass is obtained when sprayed at the earlier timing. Legume seed set will be adversely affected if spraying occurs at flowering and seed set development. DO NOT APPLY to Clover or Medic crops intended for seed or hay. |
| | Barley Grass (<i>Hordeum leporinum</i>), Brome Grass (<i>Bromus spp.</i>), Capeweed (<i>Arctotheca calendula</i>), Silver Grass (<i>Vulpia spp.</i>) | 216mL – 324mL | |
| PASTURE INFESTED WITH POA TUSSOCK (NSW, Tas, Vic, Qld only) | Most Annual Weeds Poa Tussock (<i>Poa labillardieri</i>) | 2.16L – 2.88L | Graze heavily and then remove stock a minimum of 14 days prior to spraying to allow fresh regrowth. Apply to actively growing plants after the autumn break but before heavy frosts (March – May). Increase to the higher rate for heavy infestations. Sow 14 days after spraying ensuring that correct pasture establishment and management occurs. Note: Spot treatment will limit re-infestation. IF AERIAL SPRAYING, SEE AERIAL EQUIPMENT UNDER APPLICATION IN THE GENERAL INSTRUCTIONS SECTIONS. |
| PERENNIAL GRASSES Seedhead suppression (WA, SA, Vic, NSW, Tas only) | Bent Grass (<i>Agrostis spp.</i>) | 270mL – 450mL | Late October – late November Apply before seedheads have emerged. Higher rate for excessive weed growth and where renovation is intended the following autumn. |

TABLE THREE

| SITUATION AND CROP | WEEDS CONTROLLED | STATE | APPLICATION RATE (L/Ha) | CRITICAL COMMENTS |
|---|---|------------------------|-------------------------|--|
| PASTURE MANIPULATION/ BAND SPRAYING For suppression or control of pasture species prior to drilling improved pasture, forage species, Soybeans or Leucaena. | Carpet Grass (<i>Axonopus spp.</i>), Kikuyu* (<i>Pennisetum clandestinum</i>) [Qld only], Paspalum (<i>Paspalum dilatatum</i>) | WA, Vic, NSW, Qld only | 990mL – 4.32L | Use 990mL/Ha rate for suppression only and up to the higher rate for control. If band spraying, do immediately after the sowing operation. Mount the nozzles behind the wheel assembly of the band seeder and adjust to spray 0.5 to 1.0m strips. Ensure minimal disturbance of the pasture as excessive dust created may reduce herbicide activity. Pasture seed must be drilled at the appropriate depth and covered by soil. |
| | Barbed Wire Grass (<i>Cymbopogon refractus</i>), Black Spear Grass (<i>Heteropogon contortus</i>), Love Grasses (<i>Eragrostis spp.</i>), Red Natal Grass (<i>Rynchelytrum repens</i>), Wire Grasses (<i>Aristida spp.</i>) | Qld only | 2.16L | Leucaena (Qld only): Apply 1.8L/Ha through a single taper fan nozzle LFI-80 mounted at the rear of the single row planter providing a 1m swath. Planting rows to be 4m apart. Kikuyu (Qld only): Small plants may be controlled by a lower rate of 450mL/Ha. |
| RICE For control of some weeds prior to direct drilling of rice crops. | Annual Ryegrass (<i>Lolium rigidum</i>), Annual Phalaris (Canary Grass) (<i>Phalaris spp.</i>), Barley Grass (<i>Hordeum leporinum</i>), Burr Medic (<i>Medicago spp.</i>), Sub-Clover (<i>Trifolium subterraneum</i>), Winter Grass (<i>Poa annua</i>) | NSW only | 720mL – 900mL | Ensure weeds are actively growing. In drought conditions, avoid spraying until after rain or water irrigation. If heavily stocked, remove animals 3-5 days prior to spraying to allow weeds to fully recover. Direct drilling can occur 1-14 days post spraying. Use the lower rate on smaller weeds. |
| SITUATION AND CROP | WEEDS CONTROLLED | STATE | APPLICATION RATE (L/Ha) | CRITICAL COMMENTS |
| SORGHUM CONTROL Pre-harvest | Sorghum stubble, Grain Sorghum (<i>Sorghum bicolor</i>) DO NOT apply to varieties which are prone lodging or will be used for seed production | NSW, Qld only | 1.08L – 1.44L | DO NOT spray crops if affected by moisture stress, frost or cold. Lower rate: Use the lower rate to control crop and late tillers and to suppress the regrowth of ratoons. Higher rate: Use the higher rate for improved suppression of ratoon regrowth. Spray should be applied when the grain moisture is less than 25% and when moderate browning of the plant has occurred. CAUTION: Spraying with glyphosate may increase crop lodging, especially if crop under moisture stress. Harvest when sufficient dry down has occurred to avoid lodging. Sorghum may be naturally toxic to stock. |

| | | | | |
|--|--|----------------|---|---|
| SORGHUM CONTROL Post-harvest | | | 720mL – 1.08L (Fresh regrowth from slashed stubble) 1.08L – 1.44L (Green standing stubble) 720mL – 1.08L (Spring regrowth) | <p>ONLY APPLY UNDER GOOD GROWING CONDITIONS. If plants are under stress from low moisture, frost, cold or waterlogging, DO NOT APPLY.</p> <p>Slashed stubble and spring regrowth: Apply when regrowth is at least 20cm high.</p> <p>Rate selection: For knockdown and regrowth suppression, use the lower rate where cultivation is to follow. For improved control, increase to the higher rate.</p> <p>Note: Variable results may occur if the crop has been subject to stress or marginal growing conditions. Varieties such as Goldrush 2, Rubym Trump, Prize and Nugget 2 will give variable results if not grown under ideal conditions.</p> <p>CAUTION: Sorghum can be naturally toxic to stock.</p> |
| COTTON Pre-harvest Do not use on crops intended for seed production. | Bathurst Burr (<i>Xanthium spinosum</i>), Nogoora Burr (<i>Xanthium pungens</i>), Winter Annual Weeds including Sowthistle/Milk Thistle (<i>Sonchus oleraceus</i>) | NSW & Qld only | 900mL – 1.8L | <p>Use lower rate when crop canopy does not limit spray coverage, weed infestation is light and weeds are small.</p> <p>Use higher rate when canopy limits spray coverage, when infestation of weeds are dense or when weeds are large. Where a leafy canopy restricts spray coverage, reduced weed control can be expected.</p> <p>For best results, delay application until canopy re-opens following initial conditioning treatment. Apply when at least 60% of the bolls are open and immature bolls cannot be easily cut with a sharp knife. Apply treatments prior to the onset of frosts to control Nutgrass or Nogoora Burr.</p> <p>When tank mixed with defoliant, a slightly higher proportion of cotton leaf may be retained, particularly where the higher rate is used.</p> <p>Read and follow all label directions for the tank mix products.</p> |
| | Nutgrass (<i>Cyperus rotundus</i>) Seasonal suppression only | | 1.8L | <p>Apply Kenso Agcare Nugget to weeds growing between crop rows using a shielded sprayer.</p> <p>Do not apply to crops less than 20cm high.</p> <p>Do not allow spray of spray drift to contact any part of the cotton plant as severe injury or death may occur.</p> |
| COTTON Shielded sprayers | See Weeds listed in Table One | | Follow rates recommended in weeds listed in Table One | |
| SUGAR CANE Ratoon spray out | Sugar cane ratoon regrowth | Qld, NSW only | 2.88L – 6.48L | <p>APPLY UNDER GOOD GROWING CONDITIONS ONLY to actively growing ratoons 60-120cm tall. DO NOT apply if plants are under stress from low moisture.</p> |
| TREE AND VINE CROPS Avocado, Banana, Blueberries, Citrus fruits, Custard apples, Duboisia, Figs – dessert, Guava, Kiwifruit, Litchi, Mango, Monstera – fruit, Nuts (including Almond, Pecan, Macadamia, Pistachio and Walnut), Olives, Pawpaw, Persimmons, Pome fruit, Raspberries, Stone fruit, Tea, Vineyards | Amaranth, Barley grass, Brome grass, Barnyard grass, Caltrop, Canary grass, Capeweed, Chickweed, Deadnettle, Doublegee, Liverseed Grass, Mintweed, Paterson's Curse, Pigweed, Ryegrass, Silvergrass, Spear thistle, Thornapple, Wild mustard, Wild oats, Wild turnip, Winter grass, Variegated thistle | All states | <p>Boom : 1.44 – 2.16 L/ha</p> <p>Handgun : 360 – 450 mL per 100 L</p> <p>Knapsack : 54 – 72 mL per 15 L</p> | <p>Apply as a directed or shielded spray or using wiper equipment. Do NOT apply as a spray near trees or vines less than 3 years old unless they are effectively shielded from spray and spray drift. Do NOT allow wiper surface to contact any part of the tree, vine or palm.</p> <p>Citrus fruit, Nuts, Olives, Pome Fruit & Vineyards Do NOT allow spray or spray drift to contact green bark or stems, canes, laterals, suckers, fresh wounds, foliage or fruit.</p> <p>Tea Apply a maximum of 2.16 L/ha by shielded boom or directed off-centre nozzle or 360 mL/100 L by directed handgun or knapsack to avoid application to the crop.</p> <p>All other crops Do NOT allow spray or spray drift to contact any part of the plant including the trunk. CAUTION Where split bark on Kiwifruit and green stems on Pawpaw occur, extreme care is required.</p> <p>Annual weeds may be sprayed anytime they are actively growing. Use the lower rate on weeds, up to 15 cm tall.</p> |

AQUATIC WEEDS CONTROL

| | |
|--|---|
| <p>AQUATIC AREAS For the control of emerged weeds in all bodies of fresh and brackish water which may be flowing, non-flowing or transient. Also for weeds on margins of streams, lakes and dams and in channels and drains.</p> | <p>Reduction in effectiveness may result if more than ¼ of the above ground portion of the weed is submerged at treatment. Submerging the treated plants following treatment may result in the spray being washed from the plant surface, thus reducing effectiveness.</p> <p>Do not apply this product within 0.5km of a potable water intake in flowing water (ie. river or stream etc.), within 0.5km of a potable water intake in a standing body of water such as a lake, pond or reservoir. Applications to moving bodies of water should be made while travelling upstream wherever possible to prevent concentration of this herbicide in water. When making any bankside applications, do not overspray more than 0.5m into open water. Avoid spraying across moving bodies of water, or where weeds do not exist.</p> <p>When spraying floating weeds, use a low volume, low pressure boom sprayer, C.D.A. or sprinkler sprayer. Do not submerge the weeds when spraying as this may wash the herbicide off the leaves.</p> <p>When emerged infestations require treatment of the total surface area impounded water, treating the area in strips may avoid sudden impact on habitat.</p> |
|--|---|

GENERAL WEEDS CONTROL

| | |
|---------|--|
| FORESTS | Kenso Agcare Nugget may be used prior to establishment of nurseries, for site preparation prior to planting and amongst established trees using a directed or shielded spray, or using selective wiper equipment. DO NOT allow wiper surface to contact any part of the tree. DO NOT allow spray or spray drift to contact foliage or green bark of desirable trees, since severe injury may result. |
|---------|--|

AQUATIC WEEDS TABLE

| WEEDS CONTROLLED | APPLICATION RATE | | | CRITICAL COMMENTS REFER TO THE CRITICAL COMMENTS OF "AQUATIC WEEDS CONTROL" (ABOVE), TO MINIMISE ENTRY OF SPRAY INTO WATER. WHEN USING KENSO AGCARE NUGGET NON-SELECTIVE HERBICIDE TO CONTROL AQUATIC WEEDS DO NOT ADD SURFACTANT. |
|--|------------------|------------------------------------|------------------|--|
| | Per Hectare | Handgun Application Per 100L Water | Per 15L Knapsack | |
| Alligator Weed (<i>Alternanthera philoxeroides</i>) | - | 720mL | 110mL | Alligator Weed: Apply when actively growing, from summer through winter. Floating form only. |
| Brown Beetle Grass (<i>Diplachne</i> spp.) (NSW only) | 2.16L | 360mL | 55mL | Apply to actively growing plants. Do not apply to partially submerged plants. |
| Cumbungi (<i>Typha</i> spp.) | 6.48L | 940mL | 145mL | Apply to actively growing plants at the early head to full head stage (summer-autumn). Re-treatment may be required to restrict seedling re-establishment. |
| Glyceria (Tas only) | 4.32L | 720mL | 110mL | Apply to actively growing plants at the mature head stage in late summer-autumn. Not more than ¼ of the weed should be submerged at the time of treatment. |
| Phragmites Common Reed (<i>Phragmites australis</i>) | 6.48L | 940mL | 145mL | Apply to actively growing, fully developed plants approaching the early head stage. Visible symptoms of control may be slow to develop and may not be fully apparent until the next season. |
| Paragrass (<i>Brachiaria mutica</i>) | 6.48L | 940mL | 145mL | 1. Plants should be actively growing. 2. Best results are obtained when plants are in early head stage when sprayed. |
| Sedge, Tall (<i>Carex appressa</i>) (NSW, Vic, Tas only) | 1.44L or 2.88L | 360mL or 720mL | 55mL or 110mL | Apply to actively growing plants in flowering to post-flowering period (October-April). Use the lower rate only if the stand has been slashed prior to treatment. Re-treatment may be necessary. Visible symptoms may not be fully apparent for up to 3 months. Use of CDA equipment is not recommended. |
| Water Couch (<i>Paspalum distichum</i>) | 6.48L | 940mL | 145mL | Apply to actively growing plants in the late summer-autumn (February-March). Do not treat after March because of the onset of winter dormancy. Full results may not be visible until the following spring. Not more than ¼ of the weed should be submerged at the time of treatment. |
| Water Hyacinth, Water Lettuce | 4.32L – 6.48L* | 720mL-940mL | 145mL | Water Hyacinth: Apply when actively growing and at or beyond the early bloom stage of growth. Water Lettuce: Best results are obtained mid-summer through to winter. Both: Use the higher rate on dense infestations. * Boom rate for Water Hyacinth only. |
| Waterlily, Yellow | 4.32L | 720mL | 110mL | Apply when there is a maximum emergence of floating leaves. Allow 2-3 weeks for symptoms to develop, then re-treat any unaffected plants. Use low volume sprayer. Refer to "Aquatic Areas" above. |

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

GENERAL INSTRUCTIONS

1. Kenso Agcare Nugget Non-Selective Herbicide is a non-selective foliar absorbed herbicide for the control of emerged weeds only and is not residual.
2. Kenso Agcare Nugget Non-Selective Herbicide is absorbed by green plant tissue and translocated throughout the plant including the root system.
3. Do not spray Kenso Agcare Nugget Non-Selective Herbicide if rain is likely to occur within 2 hours. Avoid spraying at night if rain is expected within 2 hours of sunlight.
4. There are no withholding periods for Kenso Agcare Nugget Non-Selective Herbicide. However, to allow for full translocation, avoid grazing sprayed areas for 24 hours on annual weeds and 7 days for perennial weeds. Certain plants, such as Soursob and Variegated Thistle, may be naturally toxic to stock. If present, do not allow stock to graze until complete browning of treated plants has occurred.
5. Kenso Agcare Nugget Non-Selective Herbicide can be de-activated by soil particles and hard water containing calcium or mineral salts. Only use clean water for making up spray solutions, preferably rainwater or local authority water.
6. Do not seed crop until weeds have broken down sufficiently to allow a satisfactory seed bed or successful direct drilling. The breakdown of old weeds, particularly Annual Ryegrass and Capeweed can affect the emergence of crops. Some weeds, such as Mintweed will affect the germination of seeds. Allow 4 weeks between spraying and seeding establishment. In this situation a cultivation prior to seeding may be necessary. This can occur independent of the use of Kenso Agcare Nugget Non-Selective Herbicide.
7. Young weeds sprayed early may be seeded into from 1 day after treatment. (Incorporation may commence 2 hours after spraying tank mixes of Kenso Agcare Nugget Non-Selective Herbicide and either Trifluralin 400 or Trifluralin 480).
8. The effects of Kenso Agcare Nugget Non-Selective Herbicide may not be apparent for 3 to 7 days depending on weather conditions, weed species and the herbicide use rate. Some perennial weeds may not show effects for 14-21 days.
9. For pH and hardness adjustment of spray water, Kenso Agcare Nugget Non-Selective Herbicide can be used in a tank mix with Kenso Agcare Ken- Buff 700 Surfactant. Add Kenso Agcare Ken- Buff 700 Surfactant to the spray water before adding Kenso Agcare Nugget Non-Selective Herbicide. Use Kenso Agcare Ken- Buff 700 Surfactant according to label recommendations.

SURFACTANT

The addition of a surfactant is not required when Kenso Agcare Nugget is applied to small actively growing weeds. When weeds are large or old (greater than 6 weeks old), or when Kenso Agcare Nugget is tank mixed with other pesticides, the addition of a non-ionic surfactant (1000g/L) at a rate of 100mL per 100L water, **except in aquatic use situations**, will improve the activity. Do not mix with spraying oils, agricultural chemicals or any other material except as directed on the label.

RAINFASTNESS

Kenso Agcare Nugget is rainfast within 2 hours when sprayed onto small, young (less than 6 weeks old) weeds. Rainfastness is reduced if weeds are not actively growing or are under stress, or under conditions of low light intensity/darkness. The addition of antagonistic chemicals such as triazines will reduce the rainfastness. The addition of a non ionic surfactant (1000g/L) at a rate of 100mls/100L water will improve the rainfastness of Kenso Agcare Nugget when applied to large weeds or under less than ideal conditions.

MIXING

1. Clean spray tank of previous chemical residues preferably with a chemical residue remover.
2. Half fill spray tank with clean water, add required amount of Kenso Agcare Nugget Non-Selective Herbicide, then fill with clean water. Note: Reduction in results may be observed if water containing soil or hard water is used.
3. With the exception of Kenso Agcare Ken- Buff 700 Surfactant, add surfactant or spray oil last.
4. Agitate well before spraying.
5. When tank mixing with other chemicals such as dry flowables, always add Kenso Agcare Nugget Non-Selective Herbicide after these chemicals.

NOTE: Kenso Agcare Nugget Non-Selective Herbicide and solutions of, should only be mixed, contained in, or sprayed by equipment made from stainless steel, fibreglass, plastic, aluminium, brass and copper.

WARNING: A highly flammable gas may be formed from the contact of this product with galvanised or unlined steel.

TANK MIXTURES

Prior to mixing with other products, read and follow all label directions, in particular, restraints, mixing order, plantback periods, withholding periods, regional use restrictions and safety directions.

Cereal Crops:

1. For improved control of Erodium, Wild radish and other cruciferous weeds add Ken-Ester 800 Herbicide to Nugget Non-Selective Herbicide. Observe regional restrictions, plant back periods and cautions on Ken-Ester 800 Herbicide label. In Tasmania use a 600g/L Ester product.
2. For improved control of sorrel and dock add Dicamba to Nugget Non-Selective Herbicide. Observe plant back periods, safety recommendations and cautions on the Dicamba label.

- Kenso Agcare Nugget Non-Selective Herbicide may be tank mixed with Trifluralin 480 or Trifluralin 400. Cultivation or incorporation may commence 2 hours after spraying.

Wheat Crops only:

- Kenso Agcare Nugget Non-Selective Herbicide can be tank mixed with Ken-Chlor 750 Herbicide and Ken-Gran 750 for pre-seeding spraying operations. Observe respective labels for Directions for Use and Crop Rotation Recommendations.

Triazines:

- Kenso Agcare Nugget Non-Selective Herbicide can be tank-mixed with Flowable and Dry Flowable Simazine and Atrazine. Do not apply triazines by air. DO NOT USE Atrazine tank mixes to control Barnyard Grass or Liverseed Grass (*Urochloa*). DO NOT use Atrazine for non-crop situations, unless specified on the label.
- When tank-mixing these products the addition of 2% Liquid Ammo-Flo first (a liquid form of crystalline ammonium sulphate), ie. 2L per 100L of spray solution may also enhance knockdown weed control. Liquid Ammo-Flo is also recommended to avoid any adverse effects resulting from high levels of calcium, magnesium and bicarbonate ions in the water used.

Insecticides:

- Kenso Agcare Nugget Non-Selective Herbicide is compatible with Kenso Agcare Kensban 500, Fenitrothion, Dimethoate and a wide range of other insecticides. Refer to individual insecticide labels for compatibilities.

Herbicides:

- Kenso Agcare Nugget Non-Selective Herbicide is compatible with Kenso Agcare Ken-Star 300, Kenso Agcare Ken-Amine 500 and Kenso Agcare Ken-Amine 625.

APPLICATION**Boom Equipment:**

Kenso Agcare Nugget Non-Selective Herbicide can be applied in spray volumes of 30-100L per hectare, using flat fan nozzles generating droplets with an average size VMD of 180-250 microns (μ), at pressures in the range of 240-280kPa. Boom height should be set to ensure a double overlap of nozzles patterns at the top of the weed canopy. For lower water volumes use fine nozzles (eg. Spraying System 110 015) and maintain a spraying speed below 20kph.

Aerial Equipment:

Use recommended rates specified in this label up to a maximum limit of 3L/ha.

Kenso Agcare Nugget Non-Selective Herbicide can be applied by aircraft in spray volumes of 25-100L per hectare. Increase spray volumes in hilly terrain to ensure maximum target contact. DO NOT use in intensive horticultural cropping areas.

| | Spray Volume (L/Ha) | Droplet Size (VMD) (microns) | Swath Width (m) |
|-------------------------------------|------------------------|---------------------------------|--------------------|
| Micronair and Boom Equipment | 25 | 250-350 | 15-17 |
| Hilly Terrain | 30-80 | 300 | 15-17 |
| Under Hot Conditions | 30 | 300 | 15-17 |

DO NOT APPLY Kenso Agcare Nugget by aircraft when temperature is above 30°C.

Drift:

To avoid drift, do not use Kenso Agcare Nugget with equipment settings which produce fine droplets (less than 150 microns), when winds are over 8km/hour, during inversion conditions, if the air is still or the day hot and dry. DO NOT use Kenso Agcare Nugget when wind direction is toward desirable plants, since severe injury or death may result.

Cleaning Equipment:

All spray equipment including pumps, spray tanks, lines and nozzles, landing gear (aircraft) should be thoroughly washed with water after each day of spraying to prevent corrosion.

Resistant Weeds Warning

Kenso Agcare Nugget Non-Selective Herbicide is a member of the glycines group of herbicides. Kenso Agcare Nugget has the inhibitors of EPSP synthase mode of action. For weed resistance management, Kenso Agcare Nugget is a group M herbicide.

Some naturally occurring weed biotypes resistant to Kenso Agcare Nugget Non-Selective Herbicide and other Group M herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Kenso Agcare Nugget or other Group M herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Kenso Corporation (M) Sdn. Bhd accepts no liability for any losses that may result for the failure of Kenso Agcare Nugget to control resistant weeds.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET SPECIES

Kenso Agcare Nugget Non-Selective Herbicide is a translocated herbicide, contact with desirable plants and trees can cause severe damage or death.

DO NOT spray in conditions conducive to spray drift.

DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate dams, streams or waterways with the product or used containers. When controlling weeds near water follow the label directions for aquatic areas to minimise the entry of spray into the water.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

110L Mini Bulk Returnable Container (110L only)

Store the original sealed drum in a cool well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the drum with water or any foreign matter.

After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the drum have been used, please return the empty drum to the point of purchase. The drum remains the property of Kenso Corporation (M) Sdn Bhd.

Refillable containers (1000L only):

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Product will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing product for use, wear elbow-length PVC gloves and face-shield or goggles. When using controlled droplet applicator wear protective water proof clothing and impervious footwear. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 13 11 26).

MATERIAL SAFETY DATA SHEET

Additional information listed in the Material Safety Data Sheet which is available from the supplier.

CONDITIONS OF SALE

"Kenso Corporation (M) Sdn. Bhd." ('Kenso') shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Kenso's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Kenso has any authority to add to or alter these conditions.

| |
|---|
| In a Transport Emergency Dial 000 Police or Fire Brigade |
|---|



Kenso Corporation (M) Sdn. Bhd.
Kirkland Corner H/177 Old Cleveland Rd.
Coorparoo 4151
Phone (07) 38474288