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

Apparent 

Double Down 700

HERBICIDE

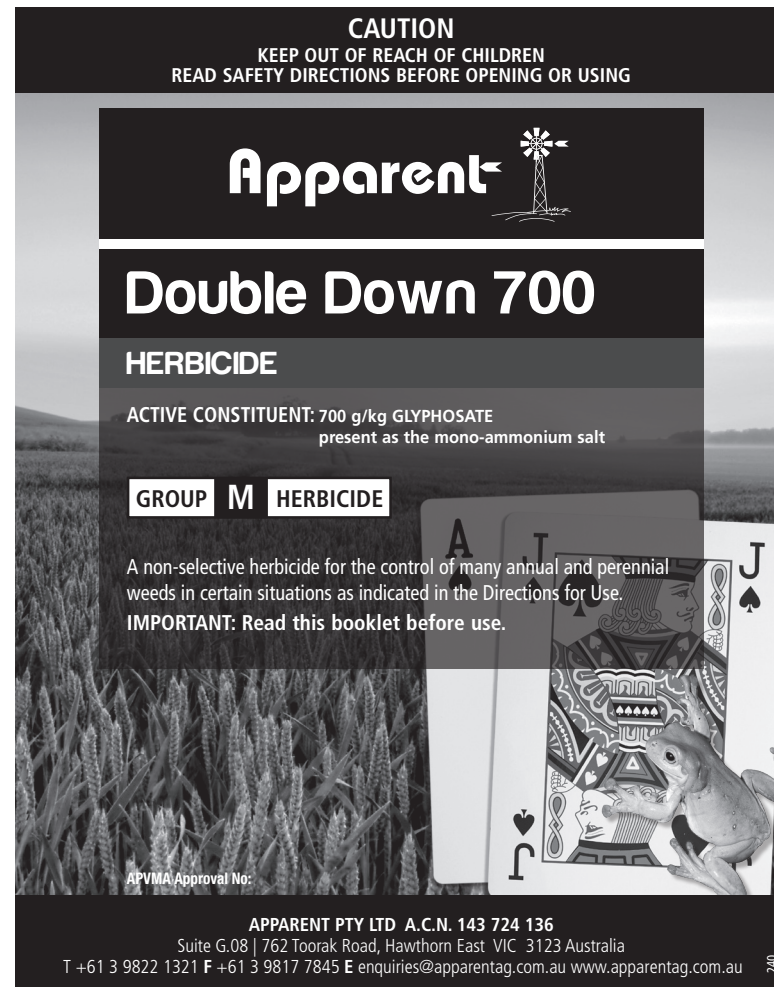
ACTIVE CONSTITUENT: 700 g/kg GLYPHOSATE
 present as the mono-ammonium salt

GROUP M HERBICIDE

A non-selective herbicide for the control of many annual and perennial weeds in certain situations as indicated in the Directions for Use.
IMPORTANT: Read this booklet before use.

APVMA Approval No:

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DIRECTIONS FOR USE
GENERAL WEED CONTROL ALL STATES

<p>SITUATION</p> <p>For general weed control in Domestic areas (Home gardens), Commercial, Industrial and Public Service areas, Agricultural buildings and other farm situations.</p> <p>For specific weeds refer to the appropriate Weeds control table.</p>
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USE SITUATIONS ALL STATES (except where noted).
 For rates of application and weeds controlled, see Weeds Controlled tables.

<p>SITUATION</p> <p>NON – AGRICULTURAL AREAS Around buildings, Commercial and Industrial areas, Domestic and public services areas, Right-of-ways.</p> <p>AGRICULTURAL AREAS</p> <p>DRY DRAINS AND CHANNELS (ETC).</p> <p>FORESTS</p> <p>COTTON Shielded Sprayers Qld, NSW only.</p>

USE SITUATIONS ALL STATES (except where noted).
 For rates of application and weeds controlled see Weeds Controlled tables.

<p>SITUATION</p> <p>TREE AND VINE CROPS Avocado, Banana, Blueberries, Citrus fruit, 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</p> <p>PASTURE</p> <p>ONIONS Post-plant, pre-emergence Application TAS only</p>

<p>CRITICAL COMMENTS Read Application Checklist before using</p> <ul style="list-style-type: none"> For the control of many grasses and broadleaf weeds. RATE: 5 g per litre of water. Apply when weeds are actively growing. Apply to ensure complete and uniform wetting of foliage. Visible symptoms may take from 3 to 7 days to develop.
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<p>CRITICAL COMMENTS</p> <ul style="list-style-type: none"> Apparent Double Down 700 Herbicide does not provide residual weed control. For residual weed control of annual weeds, Apparent Double Down 700 Herbicide may be tank mixed with certain residual herbicides. See Tank Mixtures/Herbicides. Apparent Double Down 700 Herbicide may be used for control of annual and perennial weeds as directed, in agricultural land prior to sowing of any edible or non-edible crop, but not prior to transplanting tomato seedlings. Do NOT apply to weeds growing in or over water. Do NOT spray across open bodies of water, and do NOT allow spray to enter the water. Do NOT allow water to return to dry channels and drains within 4 days of application. Apparent Double Down 700 Herbicide may be used prior to the establishment of nurseries, for site preparation prior to planting and amongst established trees using a directed or shielded spray. DO NOT allow spray or spray drift to contact foliage or green bark of desirable trees, since severe injury may result. Apply Apparent Double Down 700 Herbicide to weeds growing between crop rows using a shielded sprayer. Refer to the Weeds Controlled tables for rates of application. DO NOT apply in crops less than 20 cm high. DO NOT allow spray or spray drift to contact any part of the cotton plant as severe injury or destruction may result.
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<p>CRITICAL COMMENTS</p> <ul style="list-style-type: none"> Apply as directed or shielded spray. DO NOT apply as a spray near trees or vines less than 3 years old unless they are protectively shielded from spray and spray drift. Citrus fruit, Nuts, Olives, Pome fruit & Vineyards. DO NOT allow spray drift to contact green bark or stems, canes, laterals, suckers, fresh wounds, foliage or fruit. Tea. Apply a maximum of 2 kg/ha by shielded boom or directed off-centre nozzle or 3 g/litre by directed handgun or knapsack to avoid application to the crop. 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. For residual control of annual weeds, Apparent Double Down 700 Herbicide may be tank-mixed with compatible herbicides which are labelled for use in the above crops. See Tank Mixtures/Herbicides for directions. DIRECTED (SPOT) APPLICATION: Apparent Double Down 700 Herbicide is non-selective and may damage or kill any plant in the sprayed area. Retreatment and/or pasture improvement may be necessary to restrict seedling re-establishment. BOOM APPLICATION: Apparent Double Down 700 Herbicide may be used to suppress or kill existing pasture species prior to re-seeding or establishment of other crops. Where spot application is undertaken, grazing stock need not be removed. CAUTION: Certain plants may be naturally toxic to stock. Where known toxic plants are present DO NOT allow stock to graze until complete browning of treated plants has occurred. For control of annual weeds and suppression of perennial weeds, including Rope Twitch, apply Apparent Double Down 700 Herbicide at 530 g – 1.6 kg/ha post sowing and at least 7 days before crop is due to emerge. DO NOT apply to emerging onion plants as severe injury will result. Use the lower rate on small actively growing annual weeds. Increase to the higher rate for larger annual weeds (over 15 cm tall) and for suppression of perennial weeds.



ANNUAL WEEDS REGISTRATION IN ALL STATES/TERRITORIES UNLESS OTHERWISE SPECIFIED

WEEDS CONTROLLED	BOOM rate/ha	HANDGUN/ KNAPSACK
Annual ryegrass Amaranth Barley grass Barnyard Grass Bent Grass ^{c d} Bromo Grass Caltrop Canary Grass Capeweed Cereals Chickweed Cobblers Pegs Deadnettle Doublegee Fumitory Ground cherry Hedge Mustard Hoary Cress ^{b c d} Lesser Swinecress Liverseed grass Mintweed Noogoora Burr ^{a b} Paradoxa grass Patterson's Curse, Pigweed Potato weed Saffron thistle Silver grass Sow Thistle Spear thistle Spiny Burrgrass Spurge Thornapple Variegated Thistle Wild Mustard Wild oats Wild Turnip Winter Grass	1 – 1.6 kg	3 - 5 g/litre

CRITICAL COMMENTS

Read Application Checklist before using.

- Apply to weeds whenever they are not subject to stress due to drought or frost.
- Use higher rate on weeds over 15 cm in height or diameter or where dense weed cover limits spray coverage.
- Use higher spot spraying rate when applying less than 5 L spray per 100 sqm.
- Apparent Double Down 700 Herbicide does not provide residual weed control. Repeat treatments may be necessary to control later germinating weeds.
- For residual control of annual weeds, Apparent Double Down 700 Herbicide may be tank mixed with certain residual herbicides. See Tank Mixtures/Herbicides for directions.

STATE REGISTRATION CODE

- | | |
|---------------------|-----------------------|
| a – Queensland | d – Tasmania |
| b – New South Wales | e – South Australia |
| c – Victoria | f – Western Australia |





PERENNIAL WEEDS REGISTRATION IN ALL STATES/TERRITORIES UNLESS OTHERWISE SPECIFIED

WEEDS CONTROLLED	BOOM rate/ha	HANDGUN/KNAPSACK
Artichoke thistle ^{c,e} African Lovegrass ^{b,c,f} Carpet grass Cocksfoot Flatweed Johnson grass Kikuyu Nutgrass Paspalum Phalaris ^{b,c,e} Plantain Prairie grass Rhodes grass Rope twitch ^{c,d} *Tail sedge ^{b,c,d} Yorkshire fog	1.5 – 3 kg	5 g / Litre
Blady grass ^{a,b} Bracken Couch *Cumbungi *Glyceria ^d Guinea grass *Paragrass *See Dry Drains and Channel Use Situation	4.5 kg	7 g / Litre

CRITICAL COMMENTS
Control of established perennials is best obtained when plants are at the seedhead stage (Early flower flatweed). In general best control of winter growing perennials is obtained with application during winter-spring. Best control of summer growing perennials is obtained with application later summer and autumn. For Nutgrass in cultivated situations apply sequential treatments when Nutgrass has a minimum of 6-8 leaves. Use the higher rate uncultivated situations. For Rhodes grass and Rope twitch, use the higher boom only.
For Bracken add Pulse at 200 mL/100 L spray mix. Best control of couch in WA and SA is obtained with spring treatment. Most effective control of couch in eastern states is obtained with summer and autumn treatments. In cultivated situations use sequential treatments of 2 – 4.5 kg/ha for control.

WOODY WEEDS REGISTRATION IN ALL STATES/TERRITORIES UNLESS OTHER WISE SPECIFIED

WEEDS CONTROLLED	Handgun/Knapsack	CRITICAL COMMENTS
Bamboo Bitou Bush ^{a,b,c,d} Boxthorn Gorse Groundsel bush ^{a,b} Lantana ^{a,b}	5 g / Litre	For Gorse, add Pulse at 20 mL/10 L of spray mix.
Blackberry <i>Eucalyptus</i> spp (seedlings <2m) ^{a,b,c,d,f} Hawthorn ^{b,c,d,e,f} Pampas grass Sifton bush ^{a,b} Willow (<2m) ^{a,b,c,d,f}	5 – 7 g / Litre	For Eucalyptus, add Pulse at 20 mL/10 L of spray mix.



CONSERVATION TILLAGE

Restraints: To ensure herbicide absorption DO NOT disturb weeds by cultivation, sowing or grazing for one day after treatment of perennial weeds, except where noted.

SITUATION	WEEDS CONTROLLED	RATE/ha
Prior to sowing a crop or pasture with full soil disturbance by cultivation or sowing with a tyned implement WA, SA, Vic and NSW only	Barley grass	255 g – 530 g
	Brome grass	pre-tillering
	Volunteer cereals	
	Wild Oats	530 g – 660 g post tillering
	Annual phalaris (Canary grass)	530 g – 660 g pre-tillering
	Annual ryegrass	
	Silvergrass	660 g – 790 g post tillering
	Wintergrass	
	Calomba Daisy	265 g – 530 g less than 8 cm dia/height
	Capeweed	
	Doublegee/Spiny Emex	530 g – 790 g greater than 8 cm dia/height
	Amsinckia	530 g – 660 g less than 12 cm dia/height
Fumitory		
Paterson's Curse	660 g – 790 g greater than 12 cm dia/height	
Saffron thistle		
Scotch thistle		
Spear thistle		
Variegated thistle		
Volunteer lupins		
Wild turnip		
Dock (seedling)	530 g – 790 g	
Perennial phalaris	790 g	
Sorrel		
Sub clover		
Soursob		
Skeleton weed – fully emerged rosettes. NSW only		
All the above weeds. TAS only	790 g – 1.6 kg	

CRITICAL COMMENTS

Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing has occurred, allow regrowth to 6 - 8 cm before spraying and use higher rate.

RATE SELECTION: Increase to higher rates late in the season or when treating under cold/overcast conditions. Full disturbance with cultivation or sowing with a tyned implement may start one day after treatment (7 days if Dock, Phalaris, Skeleton weed, Soursob or Sorrel are present) and should occur within 21 days after treatment. Where cultivation or sowing does not occur within 21 days, new weed growth may require further treatment. When treating light infestations of seedling annual grasses (pre tillering) and annual broadleaved weeds (less than 8 cm dia/height), cultivation or sowing may start 6 hours after treatment and should occur within 21 days.

CROP ESTABLISHMENT: Sowing should not proceed until conditions allow the formation of a satisfactory seedbed. See Crop Establishment for directions.

ANNUAL RYEGRASS, SILVERGRASS AND PERENNIAL GRASSES: Addition of Wetter TX, 200 mL/100 L spray solution, may improve control. When treating dense infestations of Silvergrass, use of low volume nozzles (eg ss11001, Hardi No.10) and a spray volume of 70 L/ha or more is recommended to improve plant spray coverage.

TANK MIXTURES: For improved control of clover add dicamba. Read and follow all label directions, restraints, plant-back periods, withholding periods, regional use restrictions and safety directions for the tank mix products.

TASMANIA: Use 790 g/ha on annual weeds. Increase to 1.6 kg/ha where perennial weeds are being treated. To control White clover and Improve control of Sorrel and Dock, add 1 L/ha dicamba. Observe label directions and plant-back periods.

SITUATION	WEEDS CONTROLLED	RATE/ha
SOUTHERN AUSTRALIA Prior to establishing a crop or pasture with an implement that gives minimal or no soil disturbance. NSW, Vic, SA, WA only.	Barley grass Volunteer cereals Wild Oats	530 g – 790 g
	Brome grass Canary grass Capeweed Variegated thistle Winter grass	660 g – 1 kg
	Annual ryegrass Paterson's curse Saffron thistle Scotch thistle Spear thistle Silvergrass Wild mustard Wild radish	790 g - 1 kg
	Erodium Plantain Perennial Phalaris Sorrel Sub clover Yorkshire fog	990 g – 1.3 kg
	Dock Flatweed	1.3kg
SOUTHERN AUSTRALIA Prior to establishing a crop or pasture with an implement that gives minimal or no soil disturbance. NSW, Vic, SA, WA only.	All the above weeds. TAS only	790 g – 1.6 kg
SOUTHERN AUSTRALIA To commence a fallow. NSW, Vic, SA, WA only	Barley grass Volunteer cereals Wild Oats	530 g – 790 g
	Annual Ryegrass Brome grass Capeweed Paterson's curse Saffron thistle Scotch thistle Silvergrass Spear thistle Wild mustard Wild radish Wild turnip	790 g – 1 kg
	Hoary cress Sour sob	790 g
	Couch	790 g – 1.6 kg
	All the above weeds. TAS only	790 g – 1.6 kg

CRITICAL COMMENTS
Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing of mature plants has occurred, allow regrowth to 6 - 8 cm before spraying and use the higher rate.
RATE SELECTION: 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 under cold/overcast conditions.
AERIAL APPLICATION: Use higher rates. See Aerial Equipment.
ANNUAL RYEGRASS, SILVERGRASS AND PERENNIAL GRASSES: Add WETTER TX, 200 mL/100 L spray solution. When treating dense infestations of Silvergrass, use of low volume nozzles (eg SS11001, Hardi No.10) and a spray volume of 70 L/ha or more is recommended to improve plant spray coverage.
TANK MIXTURES: For improved control of Dock, Sorrel and Sub clover, add dicamba. Read and follow all label directions, restraints, plant-back periods, withholding periods, regional use restrictions and safety directions for the tank mix products. See Tank Mixtures for directions. Addition of ammonium sulphate, 2 kg/100 L, may improve control when treating under adverse environmental conditions.
PASTURE OR CROP ESTABLISHMENT: DO NOT sow into excessive trash. Trash may be removed by grazing after treatment. Grazing may commence one day after treatment of annual weeds (small) and 7 days for perennial weeds. Delay grazing for 3 days where annual weeds are large. Sowing may proceed when excessive trash is removed, but no sooner than one day after treatment of annual weeds and 7 days for perennial weeds. See also Crop Establishment.
AERIAL (OR SURFACE) SEEDING: Delay seeding until trash is completely removed by grazing and/or plant decay. When establishing pasture, ensure application of fertiliser and insecticides and follow-up management is undertaken as required.
TASMANIA: Use 790 g/ha on annual weeds. Increase to 1.6 kg/ha where perennial weeds are being treated. To control White clover and improve control on Sorrel and Dock, add 1 L/ha dicamba. Observe label directions and plant back periods.
Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing has occurred, allow regrowth to 6 - 8 cm before spraying.
RATE SELECTION: Use lower rates in young weeds or where cultivation is to follow within 21 days. Increase to the high rates where grasses reach full tillering or where broadleaf weeds reach stem elongation/budding.
ANNUAL RYEGRASS SILVERGRASS AND PERENNIAL GRASSES: Add WETTER TX, 200 mL/100 L spray solution. When treating dense infestations of Silvergrass, use of low volume nozzles (eg SS11001, Hardi No.10) and a spray volume of 70 L/ha or more is recommended to improve plant spray coverage.
HOARY CRESS: Treat at tuber exhaustion.
COUCH: Use higher rate on dense infestations. Apply sequential treatments during summer and autumn with autumn being most effective. Repeat applications will be required for full control. For improved control, use in conjunction with cultivation.
TANK MIXTURES: For Improved control of clover add, dicamba. Read and follow all label directions, restraints, plant back periods, withholding periods, regional use restrictions and safety directions for the tank mix products. See Tank Mixtures for directions.
TASMANIA: Use 700 g/ha on annual weeds. Increase to 1.6 kg where perennial weeds are being treated. To control White clover and Improve control of Sorrel and Dock, add 1 L/ha label directions and plant back periods.



SITUATION	WEEDS CONTROLLED	RATE/ ha
PASTURE TOPPING For annual grass Capeweed and Calomba daisy seed set reduction	Barley Grass Brome Grass Capeweed Silvergrass	160 g – 240 g
	Annual ryegrass Calomba daisy	240 g
Seed-head suppression of Perennial grasses	Bentgrass	200 g – 330 g
POA TUSSOCK INFESTED PASTURE For reduction of ground cover allowing pasture renovation	Most annual weeds and suppression of Poa tussock	1.6 – 2.1 kg
NORTHERN AUSTRALIA In fallows or prior to sowing a crop. Qld, NSW only	Annual phalaris (Canary Grass) Barley Grass Volunteer cereals Wild Oats	265 g – 530 g
	Barnyard Grass Columbus Grass (seedling) Liverseed Grass Native Millet Stinkgrass (Lovegrass) Volunteer sorghum	530 g – 1 kg
	Australian Bluebell (Qld Only) Cudweed	530 g – 790 g
	Fumitory Mexican Poppy New Zealand Spinach Saffron Thistle Spear Thistle Spurge Stinking Goosefoot	530 g – 790 g
	Black(Giant) pigweed Boggabri weed Calltrop(Yellowvine) Indian hedge mustard Mintweed Summer grass	265 g – 530 g up to 5 true leaves or 3 cm dia/height 530 g – 790 g greater than 5 true leaves or 3 cm dia/height
	African turnip weed Deadnettle	400 g – 530 g up to 5 true leaves or 3 cm dia/height
	Summer sweet grass Variegated Thistle Volunteer sunflower	530 g – 1 kg greater than 5 true leaves or 3 cm dia/height
	Annual ground cherry (Gooseberry) Bladder ketmia Carmel melon False castor oil plant (Thornapple) Noogoora burr Turnip weed Wild lettuce Wild turnip Wireweed	530 g – 790 g prior to stem elongation/budding After that use 265 g – 790 g plus 500 - 700 mL 2,4-D ester (800 g/L) or 790 g – 1 kg

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CRITICAL COMMENTS
Remove stock prior to treatment to allow even regrowth. Apply to Capeweed and Annual ryegrass at FLOWERING. For other grasses, apply the HEAD to MILKY DOUGH stage. Use the higher rate for dense infestations or where Annual Ryegrass is present. Apply before signs of plants "haying off". Reduction in pasture legume population may occur as a result of treatment. DO NOT apply to clover or medic crops intended for seed or hay.
TIMING: Treat from late October to late November. Apply before seedlings have emerged. Use the higher rate where growth is excessive and renovation is intended the following autumn. FOLLOW UP MANAGEMENT: Graze hard after spraying.
TIMING: Graze heavily, then, remove at least 14 days before spraying to allow fresh re-growth. Apply to actively growing plants after the autumn break but before heavy frosts (March - May) APPLICATION: Increasing to the higher rate may give more effective reductions. If aerial spraying, see Aerial Equipment.
FOLLOW UP MANAGEMENT: Sowing may start from 14 days after spraying. It is essential that correct follow up pasture establishment and management occurs after treatment. Spot treatment will limit re-infestation. Treat only actively growing weeds not under stress from low moisture, frost, cold, disease or waterlogging. If heavy grazing has occurred, allow regrowth 6 – 8 cm before spraying. Note that under summer (hot) conditions, dense infestations of Barnyard grass and Liverseed grass may require follow up treatment for complete control. In winter (cold) conditions symptoms on Deadnettle may be slow to develop.
RATE SELECTION: 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. At more advanced stages of growth certain broadleaf weeds require a higher rate range or the addition of 2,4-D ester.
CROP ESTABLISHMENT: Sowing should not proceed until conditions allow the formation of a satisfactory seedbed. See Crop Establishment for directions.
TANK MIXTURES: Read and follow all label directions, restraints, plant-back periods, withholding periods, regional use restrictions and safety directions for the tank mix products. DO NOT tank mix with atrazine when spraying Barnyard grass or Liverseed grass.
AERIAL APPLICATION: For instructions on aerial application under hot conditions, see Aerial Equipment. DO NOT apply by aircraft when temperature is above 30°C

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SITUATION	WEEDS CONTROLLED	RATE/ha
NORTHERN AUSTRALIA In fallows or prior to sowing a crop. Qld, NSW only	Sowthistle	400 g – 530 g rosettes up to 3 cm dia.
	Milkthistle	530 g – 1 kg greater than 3 cm dia.
	Couch	790 g – 1.6 kg
	Johnson grass	1 kg – 1.6 kg
	Nutgrass	1.6 kg + 1.6 kg
SORGHUM CONTROL (Pre-harvest) Qld, NSW Only	Sorghum (grain sorghum) DO NOT apply to varieties intended for seed production or varieties prone to lodging.	790 g – 1 kg
SORGHUM CONTROL (Post-harvest) Qld, NSW only	Sorghum stubble (grain sorghum)	530 g – 790 g for fresh regrowth from slashed stubble. 790 g – 1 kg for standing stubble if sufficiently green. 790 g – 1 kg fresh spring re-growth.
SUGARCANE Ratoon spray out Qld, NSW only	Sugarcane ratoon regrowth	2.1 kg – 4.8 kg
RICE Direct drilling NSW only	Annual phalaris (Canary grass) Annual ryegrass Barley grass Burr medic Sub clover Winter grass	530 g – 660 g
COTTON Pre-harvest DO NOT use on crop intended for seed production Qld, NSW only	Bathurst burr Noogoora burr Winter annual weeds including sowthistle/ milkthistle	660 g - 1.3 kg
	Nutgrass, seasonal suppression only	1.3 kg

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.
WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

CRITICAL COMMENTS
Previously grazed plants may be difficult to control without allowing full recovery.
Use the higher rate for dense infestations. Apply sequential treatments during summer and autumn, with autumn being the most effective. Repeat applications will be required for full control. For improved control use in conjunction with cultivation.
Use the higher rate on plant approaching seedhead stage. Apply to plants with a minimum of 30 cm new growth. Sequential treatments will be required for long term control.
Make the first application to actively growing plants when at least 20% have reached the head stage (normally about Feb). After allowing maximum re-emergence to occur (normally 6 – 8 weeks), it is essential to make a second application. Note: Follow up treatments should be made as part of a Nutgrass control program.
Apply when grain moisture is less than 25%. Pre-harvest treatments may increase the likelihood of crop lodging. Apply treatments to previously slashed/grazed stubble when at least 20 cm of new growth has occurred. CAUTION: Sorghum may be naturally toxic to stock.
Apply when grain moisture is less than 25%. Pre-harvest treatments may increase the likelihood of crop lodging. Apply treatments to previously slashed/grazed stubble when at least 20 cm of new growth has occurred. CAUTION: Sorghum may be naturally toxic to stock.
APPLY UNDER GOOD GROWING CONDITIONS ONLY: To actively growing ratoons 60 - 120 cm tall.
DO NOT apply if plants are under stress from low moisture or waterlogging.
Use the lower rate for suppression or where cultivation is to follow. Use the higher rate for control.
Apparent Double Down 700 Herbicide is less effective on drought stressed plants. In drought conditions a pre-watering prior to spraying is recommended.
In grazing situations, if heavy grazing has occurred allow regrowth to 6 - 8 cm before spraying.
ANNUAL RYEGRASS: Add Wetter TX at 200 mL/100 L of spray solution and where dominant, use the higher rate.
SOWING: Direct drilling may take place 1 - 14 days after spraying.
Apparent Double Down 700 Herbicide does not provide residual weed control. Permanent water and approved selective herbicides should be used to provide continuing control of weeds.
Use lower rate on light infestations of small weeds, where the crop canopy allows adequate spray coverage of the weeds. Increase to the higher rate when the crop canopy may limit spray coverage, when treating dense infestations, or when treating larger weeds. Apply alone or in tank mixtures with Dropp or Harvarde.
Apply when at least 60% of bolls are open and immature boll cannot be easily cut with a knife. When a leafy canopy limits spray coverage, reduced weed control can be expected. For best results under these conditions, delay application until canopy re-opens following initial conditioning treatment.
Where control of Nutgrass and Noogoora burr is required, treatments should be applied prior to the onset of frosts. When tank mixed with defoliant, a slightly higher proportion of cotton leaf may be retained, particularly where the higher rate is used. Read and follow all label directions for the tank mix products.

GENERAL INSTRUCTIONS

PRODUCT INFORMATION

Apparent Double Down 700 Herbicide is a non-volatile, water soluble product with non-selective herbicidal activity against many annual and perennial broadleaf weeds and grasses. Apparent Double Down 700 Herbicide may be used for weed control in agricultural land prior to sowing any edible or non-edible crop, but not prior to transplanting tomatoes. Apparent Double Down 700 Herbicide is absorbed by plant foliage and green stems. It is inactivated immediately in the soil and does not provide residual weed control. Apparent Double Down 700 Herbicide moves throughout the plant from the point of contact to and into the root system.

Visible effects on annual weeds take 3 - 7 days, but on perennial weeds may not be obvious for 2-3 weeks or longer in some cases. Visible effects of control may be delayed by cool or cloudy weather at and following treatment. Apparent Double Down 700 Herbicide will control emerged weeds only, and provides no residual weed control. Apply treatments to weeds which have at least one true leaf (broadleaf weeds) or two leaves (grasses) to provide adequate surface area for herbicide uptake.

RESISTANT WEEDS WARNING

GROUP M HERBICIDE

Apparent Double Down 700 Herbicide is a member of the Glycines group of herbicides. Apparent Double Down 700 Herbicide has the inhibition of EPSP synthase mode of action. For weed resistance management Apparent Double Down 700 Herbicide is a Group M herbicide. Some naturally-occurring weed biotypes resistant to Apparent Double Down 700 Herbicide and other inhibitors of EPSP synthase mode of action 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 Apparent Double Down 700 Herbicide or other inhibitors of EPSP synthase herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Apparent Pty Ltd accepts no liability for any losses that may result from the failure of Apparent Double Down 700 Herbicide to control resistant weeds.

CROP ESTABLISHMENT

Apparent Double Down 700 Herbicide is recommended for control of emerged weeds prior to crop establishment. Suitable cultivation and/or sowing operations are required to provide seedbed conditions satisfactory for crop germination and development. Spraying early to control young weeds will favour preparation of suitable seedbeds. On friable soils and where there is only light cover of young weeds, sowing may proceed satisfactorily from one day after spraying. In situations of heavy weed growth, sowing should be delayed until weed decay and soil conditions allow formation of a satisfactory seedbed. Incorporation of green or decaying vegetation and roots into the seedbed by cultivation or sowing may cause retarded crop emergence, particularly in cold and/or wet conditions. Vegetation may be reduced by grazing and weed decay may be assisted by cultivation to leave trash on the surface. In marginal seedbed conditions, take care to achieve seedling depth and avoid use of pre-emergence herbicides where label directions advise risk of retarded crop emergence.

MIXING

For boom application, water volumes should not be less than 6 litres per 1 kg of Apparent Double Down 700 Herbicide. Reduced results may occur if water containing soil is used, eg water from ponds and unlined ditches, or if hard water containing calcium salts is used. Do not mix, store or apply this product or spray solutions of this product in galvanised steel or unlined steel containers or spray tanks, since a highly flammable gas mixture may be formed. Use stainless steel, aluminium, brass, copper, fibreglass, plastic lined containers or spray tanks.

Spray tanks, pumps, line and nozzles should be thoroughly cleaned with clean water following application to prevent corrosion. Ensure the spray tank is free of any residue of previous spray materials. Use spray solutions promptly and certainly within 5 days, since a gradual loss of activity will occur. Good agitation is required, particularly under cold conditions, to ensure all of the Apparent Double Down 700 Herbicide dissolves when first added to the tank.

Full Agitation in Pre-filled Spray Tank

- Fill the tank with one-half required amount to clean water and set the pump on full agitation
- Add the required amount of Apparent Double Down 700 Herbicide slowly to ensure that it is well dispersed through-out the tank, and none collects on the bottom. Suggested rate is 10 kg in 2 - 3 minutes.
- Continue water addition and fully agitate until all the Apparent Double Down 700 Herbicide is completely dissolved.

SURFACTANT ADDITION

Additional surfactant is not required except where the rate of Apparent Double Down 700 Herbicide is less than 6 g/L when applied by boom. Rate: Add Turbo* Plus at 100 mL per 100 L water. Results with other surfactants may be variable. Do not mix with spraying oils, agricultural chemicals or any other material except as directed on the label.

TANK MIXTURES

Apparent Double Down 700 Herbicide may be tank mixed with the following herbicides, insecticides and additives. Read and follow all label directions, restraints, plant back periods, withholding periods, regional use restrictions and safety directions for the tank mix products.

Mixing Instructions for All Tank Mixtures

1. Fill the spray tank $\frac{1}{2}$ to $\frac{3}{4}$ full with clean water and start agitation.
2. Add Apparent Double Down 700 Herbicide. Mix thoroughly and continue water addition.
3. Where crystalline ammonium sulphate is recommended, wash the ammonium sulphate through a top mesh screen into the tank and mix thoroughly.
4. Add recommended herbicide/insecticide/additive to the spray tank and mix thoroughly.
5. Add surfactant near the end of the filling process to minimise foaming.
6. Always maintain adequate agitation during application and use the tank mix promptly.

TANK MIXTURES – Herbicides

Atrazine* flowable or granular (Agricultural uses only. DO NOT apply the tank mix for control of Barnyard grass or Liverseed grass), 2, 4-D Ester, dicamba, Express, Garlon 600, Glean*, Simazine Flowable or granular, Dust*, Yield*, Stomp*, 330E, Tillmaster*CT, Ally*, Logran*750WG, Flander*500, LVE MCPA, and Striker.

* Ammonium sulphate may improve the performance of tank mixtures of Apparent Double Down 700 Herbicide and atrazine and simazine. See directions below. The addition of Striker at 75 mL/ha to recommended rates of Apparent Double Down 700 Herbicide prior to planting wheat or barley will improve knockdown and increase the speed at which treated weeds develop visible symptoms of phytotoxicity.

TANK MIXTURES – Additives

Ammonium Sulphate (crystalline or liquid 500 g/L)

RATE: 2 L or 1 kg/100 L spray solution. The addition of crystalline ammonium sulphate to Apparent Double Down 700 Herbicide, when used to control ANNUAL weeds, MAY improve the performance of Apparent Double Down 700 Herbicide under adverse environmental conditions such as cool, cloudy weather. Ammonium sulphate may also improve the performance of tank mixtures of Apparent Double Down 700 Herbicide and atrazine and simazine. Use only crystalline or liquid (500 g/L) ammonium sulphate; NOT prilled or granular forms. Ammonium sulphate may be corrosive to metal parts of the sprayer. Thoroughly flush tanks, pumps and nozzles with water after use.

Pulse* Penetrant

RATE: 20 mL/10 L spray solution

Add when treating Bracken (boom application)

Wetter TX surfactant

RATE: 20 mL/10 L spray solution

Add when treating Annual ryegrass in spring (from beginning of August to end of October). Silvertgrass and perennial grasses – see critical comments section. Wetter TX is not a general purpose surfactant and should only be used where recommended.

Tank Mixtures – Insecticides

This product is compatible with the following insecticides: Dimethoate, Imidan*, Le-Mat*, Lorsban*500, Metasystox*, Perfekthion*EC 400, Sumithion*ULV, and emulsifiable concentrates or dimethoate and fenitrothion. Other insecticides have not been tested.

APPLICATION

Apparent Double Down 700 Herbicide is a non selective translocated herbicide. Direct spray contact, or even slight drift, may cause severe injury or destruction of any growing crops or other desirable plants including trees. Clean all equipment after use by thoroughly washing with water.

BOOM EQUIPMENT

For broadcast application, a spray volume of 60 L/ha or less is recommended for optimum performance. Fan nozzles equipment is recommended, using pressures in the range of 240 - 280 kPa. Boom height must be set to ensure double overlap of nozzle patterns at the top of the weed canopy.

High Volume Application

(eg Knapsack/Handgun Equipment)

The dilution rate is given as g/litre e.g.: 5 grams Apparent Double Down 700 Herbicide per 1 litre of water. This is equal to 75 g per 15 litres of water or 500 g per 100 litres of water. Adjust equipment to achieve an even spray pattern. Apply to ensure complete and uniform wetting of all foliage. For handgun equipment, a D6 spray tip (Spraying Systems Australia P/L) or equivalent and an operating pressure of 400 - 700 kPa is recommended.

Aerial Equipment

Aerial equipment may be used to apply Apparent Double Down 700

Herbicide only in pasture or fallow situations prior to establishment of field crops, fodder crops, or new pasture and for pre-harvest application to sorghum and cotton crops. DO NOT use in intensive horticultural cropping areas. Use recommended rates of Apparent Double Down 700 Herbicide specified in this label up to a maximum limit of 2.1 kg/ha. For Micronair and boom equipment, apply in a minimum spray volume of at least 20 L/ha. Droplets with an average size (VMD) of 250-350 micron diameter are recommended. Swath width should be 15 - 17 m. Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove herbicide residues.

Application on hilly terrain:

As spraying height may vary, to maximise target contact, increase water volume to 30 - 80 L/ha and increase droplet size to at least 300 micron VMD.

Application under summer conditions:

High temperatures and/or low relative humidity cause excessive evaporation of spray droplets which may reduce results. When temperature reaches 25°C, increase water volume to at least 30 L/ha and increase droplet size to at least 300 micron VMD. DO NOT apply Apparent Double Down 700 Herbicide by aircraft when temperature is above 30°C.

Avoid Drift:

DO NOT use with spraying equipment or under meteorological conditions which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops, crop lands or pastures. Equipment settings which produce fine droplets (150 microns or less), winds over 8 km/h, inversion conditions, still air and hot dry days all contribute to drift.

APPLICATION CHECKLIST

- Do not treat weeds under poor growing or dormant conditions (such as occurs in drought, waterlogging, disease, insect damage or following frosts) as reduced weed control may result. Reduced efficacy may also occur when treating weeds heavily covered with dust or silt.
- Do not add additional surfactant or mix with any other agricultural chemicals, herbicide, oils or other materials except as specifically directed on this label.
- Apparent Double Down 700 Herbicide is absorbed by plant foliage and green stems. Rainfall soon after application may wash the herbicide off the weeds, particularly if the weeds are not actively growing, under stress or conditions of low light intensity or darkness.
- Delay treatment of plants wet with dew or rain if water droplets run off when plants are disturbed.
- Do not disturb treated weeds by cultivation sowing or grazing for one day after treatment of annual weeds and 7 days for perennial weeds, to ensure herbicide adsorption. Certain plants such as, Soursob, St John's Wort and Bracken, may be naturally toxic to stock. Where known toxic plants are present, grazing should be delayed until complete browning of treated plants has occurred.

PROTECTION OF CROP NATIVE AND OTHER NON-TARGET PLANTS

Avoid contact with foliage, green stems or fruit of crops, desirable plants and trees, since severe injury or destruction may result. DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.



PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate dams, rivers, streams with the product or used container. Do NOT apply to weeds growing in or over water. Do NOT spray across open bodies of water.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Do not contaminate seed, feed, or foodstuff. Shake empty bag into spray tank. Do not dispose of undiluted chemicals on site. Puncture or shred and bury empty containers in a local landfill. If no landfill is available, bury the containers below 500 mm in 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.

SAFETY DIRECTIONS

Harmful if swallowed. Will damage eyes and will irritate the skin. Avoid contact with eyes and skin. When opening the container and preparing the product for use wear elbow-length PVC gloves and goggles. If product in eyes, wash it out immediately with water. 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, goggles and contaminated clothing.

FIRST AID

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

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet with can be obtained from the supplier.

CONDITION OF SALE

The use of Apparent Double Down 700 Herbicide being beyond the control of the manufacturer no warranty expressed or implied is given by Apparent Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

*Other trademarks

