

GENERAL INFORMATION

Reaper 688SG is a broad spectrum, non-selective, non-residual herbicide that is not volatile and may be used in agriculture, horticulture and for other uses including general weed control.

Reaper 688SG contains 688 grams per kilogram of glyphosate and surfactants in a free flowing granular formulation. In most situations Reaper 688SG does not require additional adjuvants. However performance can be enhanced with the addition of specialist adjuvants such as Li-1000 on grass weeds and Slikka on brush weeds.

Reaper 688SG is absorbed by plant foliage and green stems. It is inactivated immediately upon contact with the soil and does not provide residual weed control.

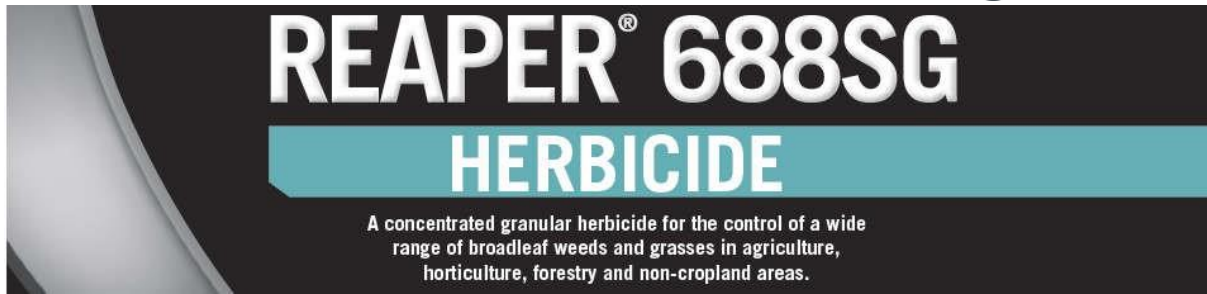
Reaper 688SG moves from the point of foliage or stem contact into the root system controlling the plant above and below the ground. Visible effects may take up to 14 days or even longer depending on growing conditions.

Key Features:

- Broad spectrum
- Concentrated formulation
- Readily soluble in water
- Easy to dispose of packaging
- Economical

Comparison of indicative cost per hectare for control of some common weeds

Grams of glyphosate per L/kg	360 gram	490 gram	540 gram	Reaper
Retail price* per L/kg (incl. GST)	\$8.95	\$11.45	\$15.95	\$11.90
Cents per gram active	2.49	2.34	2.95	1.73
Comparative cost per hectare				
Annual weeds	\$17.90	\$16.03	\$20.74	\$11.90
Kikuyu	\$53.70	\$50.38	\$63.80	\$35.70
Rye grass (perennial)	\$35.80	\$34.35	\$43.07	\$24.99
* Based on 20ltr packs. PGG Wrightson retail prices as at 1st March 2019 - subject to change				



Application

Reaper 688SG mixes readily with water. Reduced results may occur if dirty water is used (e.g. water from ponds or unlined ditches) or if hard water containing calcium salts is used. Ensure the spray tank is free of any residue of previous sprays materials.

Procedure:

Premix Reaper 688SG with water into a slurry prior to adding to a half full spray tank. If adding other herbicides, add prior to adding Reaper 688SG to the tank. Use tank mixtures promptly. If adding a surfactant, add last to avoid foaming.

Comparison of rates required for control of some common weeds

Recommended rate per ha for boom spraying				
Grams of glyphosate per L/kg	360 gram	490 gram	540 gram	Reaper
Annual weeds	1.0 - 2.0L	0.73 - 1.4L	0.66 - 1.3L	0.5 - 1.0kg
Californian thistle	4.0L	2.9L	2.7L	2.0kg
Couch	3.0 - 6.0L	4.4L	2.0 - 4.0L	1.5 - 3.0kg
Dock	4.0 - 9.0L	2.9 - 6.6L	2.7 - 6.0L	2.0 - 4.5kg
Kikuyu	6.0L	4.4L	4.0L	3.0kg
Paspalum	4.0 - 6.0L	4.4L	2.7 - 4.0L	2.0 - 3.0kg
Tall fescue	6.0L	4.4L	3.8L	3.0kg

Rain fastness

Rainfall occurring up to 6 hours after application may reduce effectiveness; when Slikka® is added the rain-free period may be reduced to 30 minutes. If Reaper 688SG is applied to wet plants, the period between application and rainfall, without affecting performance, will be longer. With holding period

After application of Reaper 688SG a withholding period for grazing stock is not required (except where ragwort is present; see the label for further information). However, it is recommended that grazing is delayed one day after treatment of annual weeds and three days if perennial weeds are present to ensure absorption of Reaper 688SG.