



QUICK SHEET FOR PUMPKINS & SQUASH

RATE	Pumpkin; Winter Squash	35 – 52.5 g/ha (14 – 21 g/acre)	Direct Seeded	Pre-emerge (after planting but before soil cracking) <ul style="list-style-type: none"> Use 0.25% v/v non-ionic surfactant if any weeds present Post-emerge (2 – 5 true leaf, <u>before</u> 1st female flower) <ul style="list-style-type: none"> Use 0.25% v/v non-ionic surfactant Row middle or shielded <ul style="list-style-type: none"> Avoid contact with planted crop Use 0.25% v/v non-ionic surfactant
			Transplanted	Pre-transplant <ul style="list-style-type: none"> Allow 7 days between application and transplanting Use 0.25% v/v non-ionic surfactant if any weeds present Post-transplant (after 3 – 5 true leaf, <u>before</u> 1st female flower) <ul style="list-style-type: none"> Allow 14 days between transplanting and application Apply broadcast, directed spray or with crop shields Use 0.25% v/v non-ionic surfactant Row middle or shielded <ul style="list-style-type: none"> Avoid contact with planted crop Use 0.25% v/v non-ionic surfactant
				35 – 70 g/ha (14 – 28 g/acre)

RATE	Summer Squash (processing only)	47 – 70 g/ha (19 – 28 g/acre)	Direct Seeded	Pre-emerge (after planting but before soil cracking) <ul style="list-style-type: none"> Use 0.25% v/v non-ionic surfactant if any weeds present
		35 – 70 g/ha (14 – 28 g/acre)	Direct Seeded and Transplant	Row middle or shielded <ul style="list-style-type: none"> Use 0.25% v/v non-ionic surfactant

PHI	Pumpkin, winter squash, summer squash	30 days
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WEEDS	<ul style="list-style-type: none"> SANDEA will provide control or suppression of over 40 weeds but is especially strong on yellow nutsedge, common cocklebur, hairy galinsoga, wild mustard, redroot & smooth pigweed, wild radish, common ragweed, common sunflower and velvetleaf. Weed spectrum may be further enhanced with the use of an appropriate tank mix partner Control of weeds is optimal if weeds are treated while small and actively growing. Rate is dependent on size of weed at time of application. See weeds table in label for details. May not control ALS (Group 2) resistant weeds Within 48 hours of application of SANDEA growth of susceptible weeds is inhibited and susceptible weeds are no longer competitive with crop.
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NOTES

- Water Volume: 190 L/ha (20 gallons/acre)
- Use lower rate on lighter textured soils with low organic matter
- Apply *at least* 7 days before seeding/transplanting or 14 days following transplanting
- Treated soil in transplant hole may result in crop injury
- DO NOT spray on top of plastic mulch as spray solution may concentrate in hole and cause crop injury
- If rain is in the forecast at the time of a pre-emergent application, it is recommended that a split application (14 g/acre pre- and 14 g/acre post-emerge) or post-emergent application timing be considered in order to avoid herbicide effects on the crop
- Applications when fruit are present will cause permanent speckling of the fruit
- Maximum of 2 applications per season – see label for crop specific annual maximum application amounts
- Not all varieties have been tested
- End-user must consider the potential for a delayed harvest **BEFORE** using SANDEA as:
 - Applications of SANDEA may cause temporary stunting and/or delayed maturity which may result in delayed harvest
 - Under adverse growing conditions (dry or excessive moisture, cool weather, etc) maturity of the crop may be delayed which can influence harvest date, yield and quality
- To avoid injury to desirable crops, **CLEAN ALL MIXING AND SPRAY EQUIPMENT** before and immediately following applications of SANDEA.

BUFFER

Crop:	Freshwater Habitat		Terrestrial Habitat
	Less than 1 m	Greater than 1 m	
Pumpkin, Winter Squash	10 m	5 m	20 m
Summer Squash	15 m	5 m	30 m

* The spray drift 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 (<http://www.hc-sc.gc.ca/cps-spc/pest/agri-commerce/drift-derive/calculator-calculatrice-eng.php>).

Always read and follow all label instructions.
PMRA Registration# 31209 Canyon Group L.L.C.
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Gowan Company recommends the following re-cropping intervals for crop safety. Planting prior to the intervals shown below may result in crop injury when using SANDEA Herbicide. Rotation intervals below may need to be extended if drought or cool conditions prevail. **Refer to individual product labels to determine rotational crop restrictions when tank mixtures are used. Refer to SANDEA label for additional information.**

CROP ROTATION INFORMATION

0 Months (immediate plantback)	• Beans (dry)
1 Month	• Corn, field normal and all herbicide tolerant varieties
2 Months	• Cereals, spring (barley, oats, wheat) • Cereals, winter (barley, wheat, rye) • Corn, seed • Forage grasses • Proso millet • Sorghum
3 Months	• Corn, sweet and pop
6 Months	• Peanuts
8 Months	• Tomato
9 Months	• Beans (snap) • Cucumbers • Forage Legumes (alfalfa, clovers) • Melons • Peas (succulent, field) • Potatoes • Pumpkins • Soybean • Squash
10 Months	• Peppers
12 Months	• Eggplant • Radish
15 Months	• Cabbage • Canola • Carrot • Mint
18 Months	• Broccoli • Cauliflower • Collards • Lettuce • Onions and Leeks • Sunflowers
24 Months	• Spinach
36 Months	• Strawberries • Sugarbeets • Table (garden) beets

For more information, contact your local Gowan Agro Canada representative: **Patti Turner 289-922-8174**