

Varietal tolerance of Beans to Basagran SG

This document provides data on the varietal tolerance of different bean cultivars to Basagran SG. The data were generated in variety screens run by the Processors and Growers Research Organisation (PGRO) over a number of years. In each of the screens Basagran SG was applied at double or triple the previously registered full label rate (1.65 kg/ha) to provide a safety margin in the results.

The key for interpreting the scores is provided at the top of each page.



Most damage effects from Basagran SG are generally related to growth stage and adverse weather conditions rather than variety. Please refer to section on Weather conditions on Basagran SG product label.

Basagran SG - Broad Bean varietal reaction screens:

- KEY:**
- Highly tolerant 1
 - Tolerant 2
 - Slightly susceptible 3
 - Moderately susceptible 4
 - Highly susceptible 5

NOTES:

Most damage effects from Basagran SG are generally related to growth stage and adverse weather conditions rather than variety

All data are based on applications at triple full label rate to provide a safety margin

[These varieties are recommended on the basis of limited \(2 years or less\) data](#)

| CULTIVAR | MEAN |
|-------------------------|---------------------|
| Abby (5166) | 2.2 |
| Astra | 2.5 |
| Bailey | 2.3 |
| Beryl | 2.3 |
| Bianca | 2.3 |
| Bistro | 1.8 |
| Brandy | 1.9 |
| Danko | 1.9 |
| Diamant | 1.9 |
| Foxton | 2.3 |
| Gold | 1.7 |
| Greeny | 2.1 |
| HS 1050 | 1.8 |
| Jade | 2 |
| Listra | 2.1 |
| Medes | 2 |
| Metissa | 1.8 |
| No. 24 | 2.5 |
| NUN 6409 | 3 |
| Optica | 2 |
| Scorpio | 2.3 |
| Statissa | 1.9 |
| Stereo | 1.9 |
| Talia | 3.1 |
| Verdy | 2 |

Basagran SG - Green (*Phaseolus*) Bean varietal reaction screens:

KEY:

| | |
|------------------------|---|
| Highly tolerant | 1 |
| Tolerant | 2 |
| Slightly susceptible | 3 |
| Moderately susceptible | 4 |
| Highly susceptible | 5 |

NOTES:

Most damage effects from Basagran SG are generally related to growth stage and adverse weather conditions rather than variety

All data are based on applications at triple full label rate to provide a safety margin

[These varieties are recommended on the basis of limited \(2 years or less\) data](#)

Mean data shown are for testing without oil. For testing with oil (pre-1996) contact BASF Technical Services Hotline: 0845 602 2553

| CULTIVAR | MEAN |
|-------------|------|
| Allure | 2.5 |
| Arcadia | 2.1 |
| Atlanta | 1.8 |
| Bilbao | 2.5 |
| Catch | 2 |
| Forum | 2.5 |
| Green Arrow | 1.3 |
| Jamaica | 1 |
| Kylian | 2 |
| Laguna | 1 |
| Lasso | 1 |
| Magnum | 1.5 |
| Maradonna | 2 |
| Marcio | 1.6 |
| Masai | 2.5 |
| Matador | 1.9 |
| Mercana | 1.3 |
| Milagrow | 2 |
| Modus | 2 |
| Mondeo | 2 |
| Montano | 2.5 |
| Newton | 1.7 |
| Nickel | 1.8 |
| Nomad | 2 |
| Newton | 1.9 |
| Nickel | 1.8 |
| Nomad | 2 |
| Orca | 3 |
| Paulista | 1.8 |
| Piccolo | 2.6 |
| Pix | 2 |
| Provider | 3 |
| Rasada | 2.3 |
| RS 1384 | 1.8 |
| Safari | 2.6 |
| Sapporo | 2.5 |



| | |
|--------|-----|
| Scylla | 1.8 |
| Scuba | 1.5 |
| Sigma | 2.4 |
| Solido | 2 |
| Tasman | 2 |
| Ursus | 2 |
| Xera | 2 |
| Yukon | 1.8 |

Basagran SG - **Spring Field Bean** varietal reaction screens:

KEY:

| | |
|------------------------|---|
| Highly tolerant | 1 |
| Tolerant | 2 |
| Slightly susceptible | 3 |
| Moderately susceptible | 4 |
| Highly susceptible | 5 |

NOTES:

Most damage effects from Basagran SG are generally related to growth stage and adverse weather conditions rather than variety

Means are based on data from applications at triple or double full label rate to provide a safety margin

[These varieties are recommended on the basis of limited \(2 years or less\) data](#)

| CULTIVAR | MEAN |
|---------------------------|----------------------|
| Alpine | 1.7 |
| Aribo | 2 |
| Avon | 1.6 |
| Ben | 3 |
| Betty | 3 |
| Cagnote | 1.8 |
| Compass | 3 |
| Corvette | 1.9 |
| Diana | 2.1 |
| Fabiola | 2.4 |
| Fuego | 3.5* |
| Goldrush | 1 |
| Hobbit | 3.3 |
| Lobo | 1.9 |
| Luna | 2.1 |
| Maris Bead | 2.6 |
| Mars | 2 |
| Maya | 2 |
| Meli | 2.3 |
| Melbourne | 2.5 |
| Memphis | 3 |
| Merkur | 2 |
| Nile | 3.5# |
| Olan | 1.3 |
| Piccadily | 2.5 |
| Quattro | 2.1 |
| Scirocco | 2.1 |
| Spear | 2.3 |
| Syncro | 2.8 |

* Fuego scored mean of 1.8 at full label rate

Nile scored mean of 2.5 at full label rate

Titch
Victor

2.1
3