



Annexure-5

LIST OF CHEMICALS WITH CIB&RC LABEL CLAIM FOR USE IN POMEGRANATE

Date of Revision: August 26, 2017

LIST OF CHEMICALS WITH CIB&RC LABEL CLAIM FOR USE IN POMEGRANATE					
S. No.	Pesticide recommended for major disease and pest	Nature of Pesticide	Dose on formulation basis	EU MRL (mg/kg)	PHI (Days)
a. Growth Hormone (for defoliation)					
1	*Ethephon 39% SL	S	1.0- 2.5ml/l	0.05	135
b. Leaf and Fruit Spots and Fruit Rots (<i>Alternaria alternata</i>, <i>Cercospora punicae</i>, <i>Colletotrichum sp.</i>, <i>Drechslera sp.</i>, <i>Sphaceloma sp etc.</i>)					
2	Difenoconazole 25% EC	S	0.5-1 .0 ml/l	0.1	60
3	Iprobenphos (Kitazin) 48 EC.	S	1-0-1.5ml/l	0.01	60
4	#Metiram 55% + Pyraclostrobin 5% WG	S+NS	1.5-1.75g/l	0.05+0.02	130
5	#Propineb 70% WP	NS	3.0g/l	0.05	100
c. Sucking pests: Thrips, Aphids, Whitefly and Fruit borer/Pomegranate butterfly					
6	Cyantraniliprole 10.26% OD	S	0.7-0.9 ml/l	0.01	40
d. Scale insects, Stem borer and bark eating caterpillar					
7	#**Quinalphos 25% EC	NS	0.5ml/l	0.01	180
Note: * To be used at defoliation stage only ** To be used in rest period only # In EU Pesticides Watchlist; Use with caution					

EU MRL: European Union Maximum Residue Limit; PHI: Pre Harvest Interval;

NS: Non systemic; S: Systemic

Note:

- Recommended agrochemicals for the management of various insect pests and diseases along with their dose, PHI and MRL values are recommendations by Agricultural Universities and Institutes & available research literature, hence are of advisory nature for pomegranate cultivation and therefore, not covered under any legal scrutiny.
- As the data based on scientific field trials on PHI for pomegranate are not available for all chemicals hence, are based on available residue analysis reports of limited pomegranate samples of harvested produce during previous years or PHI for other fruit crops grown in similar climatic conditions and hence, may change at later stage on availability of scientific data. Therefore PHI given here are only indicative and adhoc in nature and are of advisory nature, therefore, not covered under any legal scrutiny.
- All the doses mentioned above are for high volume sprayers, where normal spray volume is 800-1000 l/ha. Spray volume can however be changed as per the efficiency of sprayers used. However, the amount of each pesticide (active ingredient) recommended for 1 ha on the basis of 1000 l spray solution should be strictly maintained to minimize pesticide residues.
- The responsibility of usage of chemicals for the management of any of the above pests and diseases will rest with the growers in compliance with the requirements of the importers / EU and, in the minimum; all chemicals listed in Annexure 9 should be tested.