

## WHO approved insecticide for IRS

Indoor residual spraying (IRS) is one of the primary vector control interventions for reducing and interrupting malaria transmission. In recent years, however, it has received relatively little attention. Recent data re-confirms the efficacy and effectiveness of IRS in malaria control in countries where it was implemented well. Effective implementation of IRS with Synthetic pyrethroids or other recommended insecticides should be a central part of national malaria control strategies where this intervention is appropriate. It is implemented with the objective of reducing malaria morbidity and mortality and accelerating progress towards global and national malaria targets. However, there are important considerations that must be taken into account when considering whether to introduce or scale up IRS. In particular, there must be sufficient capacity to deliver the intervention effectively, prevent unauthorized and un-recommended use of public health pesticides, and manage insecticide resistance. If control and elimination targets for malaria and other vector-borne neglected tropical diseases are to be met during the 2020–2030 period, vector control interventions including IRS need to play an increasingly prominent role.

| PQT-VCRef Number | DateofPrequalification | ProductName  | OtherNames | ProductType | Applicant                      | AI                 | AICConcentration |
|------------------|------------------------|--------------|------------|-------------|--------------------------------|--------------------|------------------|
| 002-007          | 08/12/17               | Fendona5WP   |            | IRS         | BASFSE                         | Alpha-cypermethrin | 5%               |
| 004-001          | 08/12/17               | RUBI50WP     |            | IRS         | Tagros Chemicals India Pvt Ltd | Alpha-cypermethrin | 5%               |
| 004-002          | 08/12/17               | RUBI100WP    |            | IRS         | Tagros Chemicals India Pvt Ltd | Alphacypermethrin  | 10%              |
| 004-003          | 08/12/17               | RUBI50SC     |            | IRS         | Tagros Chemicals India Pvt Ltd | Alpha-cypermethrin | 5%               |
| 004-004          | 08/12/17               | RUBI100SC    |            | IRS         | Tagros Chemicals India Pvt Ltd | Alpha-cypermethrin | 10%              |
| 004-005          | 07/12/17               | RUBI250WG-SB |            | IRS         | Tagros Chemicals India Pvt Ltd | Alpha-cypermethrin | 25%              |
| 008-005          | 18/04/18               | Ficam        |            | IRS         | Bayer S.A.S.                   | Bendiocarb         | 80%(800g/kg)     |

|         |          |                   |  |     |                                     |                            |  |
|---------|----------|-------------------|--|-----|-------------------------------------|----------------------------|--|
| 035-001 | 03/09/19 | FastM             | Bendiocarb80%WP  | IRS | Saerfu (Henan) Agrochemical Co. Ltd | Bendiocarb                 | 80.0%                                  |
| 013-001 | 29/01/18 | Bistar10WP        | Talstar WP Insecticide/Miticide; Biflex WP Insecticide/Miticide; Biflex10WP; Binet10WP; Talstar100PH | IRS | FMC Corporation                     | Bifenthrin                 | 10%                                    |
| 001-001 | 25/10/17 | SumiShield50WG    |  | IRS | Sumitomo Chemical Co. Ltd.          | Clothianidin               | 50%                                    |
| 008-006 | 13/12/18 | FludoraFusion     |  | IRS | Bayer S.A.S.                        | Clothianidin, Deltamethrin | Clothianidin:50%<br>Deltamethrin:6.25% |
| 004-008 | 28/02/18 | PALI250WG         | PALI250WG-SB   | IRS | Tagros Chemicals India Pvt Ltd      | Deltamethrin               | 25%                                    |
| 008-002 | 29/01/18 | K-OthrineWG250    | DeltagardWG250   | IRS | Bayer S.A.S.                        | Deltamethrin               | 25%(250g/kg)                           |
| 008-004 | 29/01/18 | K-OthrinePolyzone |  | IRS | Bayer S.A.S.                        | Deltamethrin               | 6.25%(62.5g/L)                         |
| 016-002 | 22/02/18 | Vectron20WP       | Victor20WP; Lenatop20WP  | IRS | Mitsui Chemicals Agro, Inc.         | Etofenprox                 | 200g/kg(20%)                           |
| 004-010 | 03/05/18 | REVIVAL100WP      |  | IRS | Tagros Chemicals India Pvt Ltd      | Lambda-Cyhalothrin         | 10.0%                                  |

|         |          |               |                        |                |                                |                    |              |
|---------|----------|---------------|------------------------|----------------|--------------------------------|--------------------|--------------|
| 004-012 | 28/02/18 | REVIVAL100CS  |                        | IRS            | Tagros Chemicals India Pvt Ltd | Lambda-Cyhalothrin | 10.0%        |
| 012-003 | 29/01/18 | ICON10CS-IRS  |                        | IRS            | Syngenta Crop Protection AG    | Lambda-Cyhalothrin | 100g/L       |
| 012-006 | 03/05/18 | IconWP        |                        | IRS            | Syngenta Crop Protection AG    | Lambda-Cyhalothrin | 100g/L       |
| 012-001 | 29/01/18 | Actellic300CS |                        | IRS            | Syngenta Crop Protection AG    | Pirimiphos-methyl  | 300g/L       |
| 002-005 | 08/12/17 | Fendona10SC   |                        | IRS;ITNKit     | BASFSE                         | Alpha-cypermethrin | 9.6%         |
| 002-006 | 08/12/17 | Fendona6SC    |                        | IRS;ITNKit     | BASFSE                         | Alpha-cypermethrin | 5.8%         |
| 007-001 | 03/05/18 | Pendulum6SC   |                        | IRS;ITNKit     | Gharda Chemicals Limited       | Alpha-cypermethrin | 6.0%         |
| 007-002 | 03/05/18 | Pendulum10SC  |                        | IRS;ITNKit     | Gharda Chemicals Limited       | Alpha-cypermethrin | 10.0%        |
| 012-002 | 03/05/18 | ActellicEC    |                        | IRS; Larvicide | Syngenta Crop Protection AG    | Pirimiphos-methyl  | 500g/L       |
| 016-001 | 03/05/18 | Vectron10EW   | Victor10EW;Lenatop10EW | ITNKit         | Mitsui Chemicals Agro, Inc.    | Etofenprox         | 100g/kg(10%) |
| 012-004 | 29/01/18 | ICONCS-ITNKit |                        | ITNKit         | Syngenta Crop Protection AG    | Lambda-Cyhalothrin | 25g/L        |