MALAYSIA

Country report on the current situations of the use of antimicrobial agents as growth promoter
Legislation related to the use of antimicrobial agents in feed as growth promoter

- Feed (Prohibited Antibiotics, Hormones and Other Chemicals) Regulations
- Gazetted in Ogos 2012, implementation in April 2013
- Scope:

| 1. Avoparcin | Prohibited in feed and feed additives for the purposes of treatment, prevention and growth promoter to all animals |
| 2. Chloramphenicol |  |
| 3. Vancomycin |  |
| 4. Carbadox |  |
| 5. Olaqiundox | Prohibited in feed and feed additives for the purposes of treatment, prevention and growth promoter to food-producing animals |
| 6. Nitrofurazone |  |
| 7. Nitrofurantoin |  |
| 8. Furazolidone |  |
| 9. Furaltadone |  |
| 10. Teicoplanin |  |
Current situation

• Every premix to be imported, manufactured and sold will be checked and valued the raw material content, used antibiotics and dosage based on COA and label before approval.

• Animal feeds (esp poultry and pig) will be sampled on the farm. Each year about 300 samples are analysed.

• At present, feed compounds with antibiotics are controlled by the Ministry of Health (NPRA) through Poison Act 1952 while Ministry of Agriculture (DVS) only controls premix for AGP and prophylaxis purposes through Feed Act 2009.

• Feed Act 2009 applies only to Peninsular Malaysia and the Federal Territory of Labuan.

• Use of antibiotics in feed as growth promoter (AGP) : still allowed its use but DVS encourages alternative uses. Alternatives such as herbs, probiotics and organic acid are an option for importers, manufacturer and sellers.

• However, the use of AGP will be phasing out by stages

• Only capable to test Chloramphenicol, Furazolidone, Furaltaladone, Nitrofurazone, Nitrofurantoin in feed. (government lab)
Way forward

- **Banning the use of antimicrobial growth promoters (AGP) in stages and to gazetted**

  1. Started 1\textsuperscript{st} Jan 2019: prohibited Colistin (polymyxin E) as growth promoter and prophylaxis
  2. Amend the regulations to add colistin, expected to be gazetted on early 2020
  3. Designed to prohibit the use of 5 more antibiotics as AGP in 2020. The antibiotics selected for forbidden its use are Erythromycin, Tilcomycin, Tylosin, Neomycin and Phosphomycin.

- **Analytical method**
  1. Strengthen laboratory capacity in detection of more antibiotics in feed.
  2. Strengthen quality assurance programme and apply for accreditation
  3. Multidrug analysis method in poultry feed is being developed, using LCMSMS.

- **Proper national program for feed safety and quality is planned to be established in 2020**