



## Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p style="text-align: center;"><b><u>Oxalate poisoning in livestock</u></b></p> <p>Oxalates are found in paddy straw and green fodders such as bajra-napier grass, super napier, bajra, kolukatai, guinea grass and millets. In general, young plants contain more oxalate than older plants. The oxalate content is highest in leaf tissue, followed by stem tissue particularly in dwarf varieties. Besides, the oxalate levels decline as the harvest interval increases. Among different harvest seasons, oxalate accumulation was more during summer and monsoon seasons. Presence of more than 2.0% soluble oxalate in feeds may lead to oxalate poisoning in ruminants whereas more than 0.5% soluble oxalate may be toxic to monogastric animals such as horses, rabbits etc. When the animals consume more oxalates for longer period, it may lead to calcium deficiency and formation of urinary calculi. Hence, the farmers are advised to avoid application of excess urea and farm yard manure to the forage crops during this cloudy monsoon season. The leaves should not be dark green in colour. Besides, the application of potash should be kept to minimum. The cultivated fodders like bajra-napier and super napier grasses should be harvested at 45 days interval and feeding of young growing grass may be avoided.</p>
<b>Agro advisory from Krishi Vigyan Kendra, Namakkal :</b>		
Maize	Sowing period	Farmers are advised to take up ploughing and neem cake application @ 100 kg / acre in last ploughing with forecasted rain in upcoming days. It will be destroyed fall army worm pupae in soil and controlled initial stage fall army worm incidence in maize crop.
Vegetable crops	General	Wind speed will be high in forthcoming days. Hence, the vegetable growers are advised to sow either castor/ sesbania or sithagathi seed around the field as a border crop @ 7 feet interval to prevent flower and fruit drop in vegetable crops.
Banana	Vegetative stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.
Sugarcane	Growing stage	To alleviate the micronutrient deficiency as well as to improve the yield of sugarcane, foliar spraying with sugarcane booster @ 1 kg / acre 45 days after planting, @1.5 kg / acre 60 days after planting and @ 2 kg / acre 75 days after planting in 200 liters of water along with sticking agent.
Mulberry	General	Apply 2 kg zinc sulphate enriched with 20 kg well decomposed farmyard manure after harvesting of mulberry leaves as basal dose. 10 – 15 days after harvesting apply azospirillum @ 8 kg / acre in 5 equal splits and 4 kg of phosphobacteria in 2 equal splits after 1 <sup>st</sup> and 3 <sup>rd</sup> harvesting of mulberry leaves.

Technical Officer  
 Agromet Advisory Services  
 Department of Livestock Production Management  
 Veterinary College and Research Institute Namakkal

Professor and Head & Nodal Officer  
 Agromet Advisory Services  
 Department of Livestock Production Management  
 Veterinary College and Research Institute Namakkal