
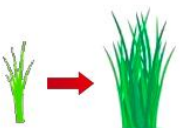


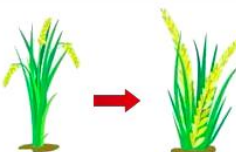

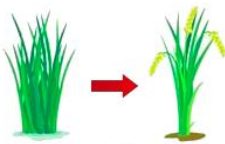


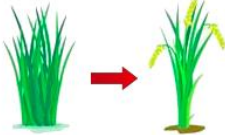


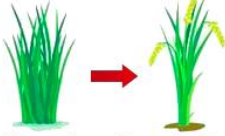


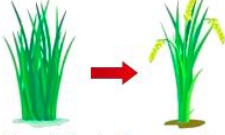


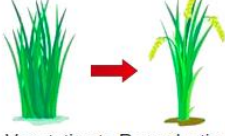


Top 10 Rice Producing Provinces in the Philippines

Province	5 Month Rainfall Outlook ¹	6 Month Temperature Forecast	Area Planted (ha) October 2019	Growth Stage October 2019	Pest Advisory	Cropping Advisory
Nueva Ecija			154,937	 Initial to Vegetative	None	MUÑOZ - The 200-mm threshold is continuously met until the second week of November; however, the declining amount of water may become detrimental to rice seedlings even though the method of planting is direct dry seeding. It is recommended not to take risk in planting rainfed rice for dry season 2019.
Isabela			88,163	 Reproductive to Maturity	None	ECHAGUE - Direct seeded rainfed rice must have been sowed by the end of November. For transplanting farms, transplants must be prepared by the mid-November, then commence transplanting by December. Expected harvest is on February/March.
Pangasinan			82,009	 Vegetative to Reproductive	None	
Cagayan			77,527	 Vegetative to Reproductive	None	

Top 10 Rice Producing Provinces in the Philippines

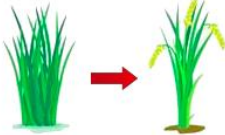

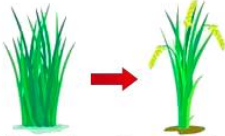
Province	5 Month Rainfall Outlook ¹	6 Month Temperature Forecast	Area Planted (ha) October 2019	Growth Stage October 2019	Pest Advisory	Cropping Advisory
Iloilo			17,856	 Vegetative to Reproductive	None	ILOILO CITY - During this time, standing crops of rainfed rice planted last October are entering its flowering phase. Planting during the month of November is not advised despite meeting the threshold because the decrease in rainfall by December may be detrimental to young, growing rice plants. Harvesting of rainfed rice planted in October is on January.
Camarines Sur			49,607	 Vegetative to Reproductive	None	
Tarlac			48,309	 Vegetative to Reproductive	None	
North Cotabato			63,956	 Vegetative to Reproductive	None	



Rice

Corn

Top 10 Rice Producing Provinces in the Philippines

Province	5 Month Rainfall Outlook ¹	6 Month Temperature Forecast	Area Planted (ha) October 2019	Growth Stage October 2019	Pest Advisory	Cropping Advisory
Leyte			28,315	 Vegetative to Reproductive	None	
Negros Occidental			13,243	 Vegetative to Reproductive	None	LA CARLOTA - Direct seeded rainfed rice must be sowed until first to second week of November. For transplanting farms, transplants must be prepared by the first week of November, then commence transplanting by the end of November to early December. Expected harvest is on February/March.



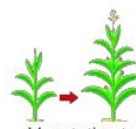


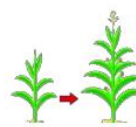
iCMF Corn Bulletin for December 2019-April 2020 Based on November 2019 Condition

The forecast as released last month remains i.e. good continuing wet season harvest and the need to plant early this current dry season for Luzon but better planting window for Mindanao and provinces/regions in Eastern Philippines.

Except for Bicol, Luzon will be dry for corn and so preparation for cloud seeding (esp for Cagayan Valley) and irrigation for after rice crop (Ilocos Region, Central Luzon and Mindoro) needs to be in place.

Visayas will not be as dry as Luzon for corn. Mindanao will be the saving grace! Till April next year, they will have rain enough to sustain a corn crop especially CARAGA.

Top 10 Corn Producing Provinces in the Philippines






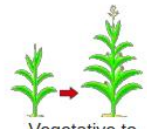


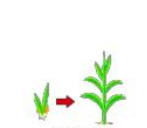


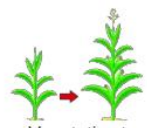
Province	5 Month Rainfall Outlook ¹	6 Month Temperature Forecast	Area Planted (ha) October 2019	Growth Stage October 2019	Pest Advisory	Cropping Advisory
Isabela			158,491	 Vegetative to Reproductive	Expect higher incidence of stalk rot, downy mildew, and rust; increase in population of corn leafhopper, fall armyworm, and occurrence of other lepidopterous pest.	Planting should be done by December because there will be substantial drop in rainfall for the next quarter. Early maturing varieties/hybrids are advised. Late planting implies the need for cloud seeding to avoid drought stress during flowering time. There will be some municipalities though that will have good rainfall distribution till March viz Dinapigue, Divilacan, Echague, Jones, Maconacon, Palanan, San Agustin, San Guillermo, and San Mariano, The general drying up later in the 1st quarter means that grain quality of 1st quarter harvest will be very good and should mean good price of grain as well. There is indication that rainfall will pick up in April favoring early wet season planting. (A)
Bukidnon			101,034	 Vegetative to Reproductive	Expect higher incidence of rust and downy mildew; increase in population of fall armyworm, and occurrence of other lepidopterous pest.	All major corn producing regions in Mindanao have good rainfall distribution till April. Therefore dry season planting can be as late as January. For those which planted October, an additional dry season crop is possible i.e. January planting. Early maturing varieties are advised here.(B)











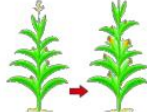


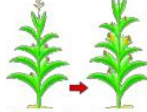


Rice Corn

Top 10 Corn Producing Provinces in the Philippines

Province	5 Month Rainfall Outlook ¹	6 Month Temperature Forecast	Area Planted (ha) October 2019	Growth Stage October 2019	Pest Advisory	Cropping Advisory
South Cotabato			47,017	 Vegetative to Reproductive	None	All major corn producing regions in Mindanao have good rainfall distribution till April. Therefore dry season planting can be as late as January. For those which planted October, an additional dry season crop is possible i.e. January planting. Early maturing varieties are advised here.(B)
Maguindanao			12,907	 Vegetative to Reproductive	None	All major corn producing regions in Mindanao have good rainfall distribution till April. Therefore dry season planting can be as late as January. For those which planted October, an additional dry season crop is possible i.e. January planting. Early maturing varieties are advised here.(B)
Cagayan			66,297	 Initial to Vegetative	None	Planting should be done by December because there will be substantial drop in rainfall for the next quarter. Early maturing varieties/hybrids are advised. Late planting implies the need for cloud seeding to avoid drought stress during flowering time. There will be some municipalities though that will have good rainfall distribution till March viz Calayan, Claveria, Sanchez Mira and Santa Praxedes. The general drying up later in the 1st quarter means that grain quality of 1st quarter harvest will be very good and should mean good price of grain as well. There is indication that rainfall will pick up in April favoring early wet season planting. (A)
North Cotabato			63,863	 Vegetative to Reproductive	Expect higher incidence of stalk rot, rust, and downy mildew; increase in population of fall armyworm, and occurrence of other	All major corn producing regions in Mindanao have good rainfall distribution till April. Therefore dry season planting can be as late as January. For those which planted October, an additional dry season crop is possible i.e. January planting. Early maturing varieties are advised here.(B)

Top 10 Corn Producing Provinces in the Philippines

Province	5 Month Rainfall Outlook ¹	6 Month Temperature Forecast	Area Planted (ha) October 2019	Growth Stage October 2019	Pest Advisory	Cropping Advisory
Pangasinan			53,106	 Initial to Vegetative	None	Pangasinan and the rest of Ilocos Region and Central Luzon will be dry from December till April. Access to reliable irrigation source is a must to sustain the corn crop. Early maturing varieties/hybrids are advised. As harvest will come during dry months, good quality and price are expected. Consider the use of mechanical harvester (combine) so as not to burn the corn stover in preparation for next rice planting season (C)
Sultan Kudarat			29,509	 Initial to Vegetative	None	All major corn producing regions in Mindanao have good rainfall distribution till April. Therefore dry season planting can be as late as January. For those which planted October, an additional dry season crop is possible i.e. January planting. Early maturing varieties are advised here.(B)
Lanao del Sur			18,953	 Reproductive to Maturity	None	All major corn producing regions in Mindanao have good rainfall distribution till April. Therefore dry season planting can be as late as January. For those which planted October, an additional dry season crop is possible i.e. January planting. Early maturing varieties are advised here.(B)
Lanao del Norte			26,324	 Reproductive to Maturity	None	All major corn producing regions in Mindanao have good rainfall distribution till April. Therefore dry season planting can be as late as January. For those which planted October, an additional dry season crop is possible i.e. January planting. Early maturing varieties are advised here.(B)