



**LAPORAN LIPUTAN MEDIA HARIAN  
JUMAAT 13 DISEMBER 2019**

<b>BIL</b>	<b>TAJUK KERATAN AKHBAR</b>	<b>KEMENTERIAN / JABATAN / AGENSI</b>
1.	PINDAH LEMBU TANPA PERMIT, SINAR NEGERI SEMBILAN/MELAKA, SH -31	JABATAN PERKHIDMATAN VETERINAR (JPV)
2.	THE FUTURE OF FARMING IS HERE, NATION/NEWS, NST -13	LAIN-LAIN

**UKKMOA**

**UNIT KOMUNIKASI KORPORAT  
KEMENTERIAN PERTANIAN & INDUSTRI ASAS TANI  
(UNTUK EDARAN DALAMAN MOA, JABATAN DAN AGENSI SAHAJA)**

TARIKH	MEDIA	RUANGAN	MUKA SURAT
13/12/2019	SINAR HARIAN	SINAR NEGERI SEMBILAN / MELAKA	31

# Pindah lembu tanpa permit

*Dua lelaki didenda selepas mengaku salah di Mahkamah Majistret Bahau*

NORAFIDAH ASSAN

JEMPOL

**G**ara-gara memindahkan lembu tanpa permit sah, dua lelaki masing-masing didenda RM5,000 dan RM3,500 di Mahkamah Majistret Bahau di sini semalam.

Tertuduh, Wan Noor Zakaria, 51, dan Sharul Basha Shamsuddin, 32, mengaku bersalah selepas pertuduhan dibacakan oleh jurubahasa mahkamah di hadapan Majistret Khir Nizam Jemari.

Berdasarkan pertuduhan, Wan Noor yang bekerja sebagai pengusaha lori pada 22 Ogos lalu jam 3.06 petang di tepi jalan besar Jempol-Bera berhadapan medan selera Bandar Seri Jempol, Negeri Sembilan telah memindahkan 26 ekor ternakan lembu hidup dari Pahang ke Negeri Sembilan.

Sharul Basha pula didapati memindahkan 12 ekor ternakan lembu hidup dari Pahang ke Negeri Sembilan



Wan Noor (kiri) dan Sharul Basha (tengah) didenda di Mahkamah Majistret Bahau semalam selepas mengaku salah memindahkan lembu tanpa permit sah Ogos lalu.

pada 22 Ogos jam 2.55 petang di tepi jalan besar berhadapan Jabatan Pengangkutan Jalan (JPJ) Bandar Seri Jempol Negeri Sembilan.

Kedua-dua tertuduh memindahkan haiwan berkenaan menggunakan dua lori secara berasingan tanpa sebarang dokumen sah daripada Pengarah Jabatan Perkhidmatan Veterinar Negeri Sembilan atau wakilnya.

Mereka didakwa di bawah perintah Sub Seksyen 36(1) Akta Binatang 1953 (Warta Kerajaan Negeri Sembilan N.S.P.U.9) dan

boleh dihukum di bawah Sub Seksyen 36(7) Akta Binatang 1953 yang jika sabit kesalahan boleh didenda tidak melebihi RM15,000.

Pendakwaan dikendalikan Pendakwa Raya Jabatan Perkhidmatan Veterinar, Tuan Anuar Sulzi Tuan Abdullah dan Fadzi- lah Abd Karim.

Majistret kemudiannya menjatuhkan hukuman denda RM5,000 atau enam bulan penjara terhadap Wan Noor jika gagal membayar denda dan hukuman denda RM3,500 atau empat bulan penjara terhadap Sharul Basha.

## AGRICULTURE

# THE FUTURE OF FARMING IS HERE

Drone and robotics tech promotes sustainable farming, cuts reliance on labour

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**M**ODERNISATION in the agriculture sector is taking root with the use of drones and robotics technology, leading to more sustainable farming and reduced dependence on manual labour for certain tasks.

Mata Aerotech Sdn Bhd chief executive officer (CEO) Wan Azrain Adnan said there was growing interest from big agriculture players and government agencies regionally on using drones in the plantation sector.

"The oil palm industry faces a shortage of labour as the work is labour intensive. Precision agriculture is the future of farming. Drone and robotics technology definitely help to reduce the dependency on labour," he told the *New Straits Times* recently.

He said oil palm companies could use drones to take images of their plantation area and, with the necessary software, calculate how many trees there were in the estate, instead of sending people to count manually.

"This will save time and cost as it is fast and efficient. Plant counting is important to detect how many trees are alive so that they can calculate how much fertiliser and pesticide are needed."

He said the agriculture sector's modernisation using robotics is in its infancy, and more effort needs to be taken to educate and promote the idea to industry players. The company recently offered the drone application services at oil palm estates and covered 200,000ha.

Pemandu associate executive vice-president Ku Kok Peng said there was potential in using drones in the oil palm sector to identify nutrient deficiency in the trees.

"Then it can deploy the right type and amount of nutrients required for the trees specifically," he said.

Industry sources said there were about 1,000 drones (averaging from RM100,000 to RM250,000 each) in operation commercially, while a few thousand drones were in recreational use nationwide.

Aerodyne Geospatial Sdn Bhd founder and group CEO Kamarul Muhamed, whose company provides drone-based managed solutions globally, said Malaysia had a market size of about RM500 million for commercial use of drone services, particularly in the agriculture sector.

Bloomberg reported the agricultural in-

dustries accounted for more than a quarter of the US\$2.67 billion in commercial drone sales in 2016, according to Allied Market Research, and demand will expand 22 per cent a year, reaching US\$2.44 billion by 2022.

Delaware-based Market Study Report LLC has forecast worldwide drone sales to agricultural businesses topping US\$8 billion by 2026.

Muda Agricultural Development Authority (Mada) had operated 10 drones since 2017 in a pilot project, covering about 2,000ha of padi fields in Kedah with an allocation of RMI million.

The agency introduces new technologies and machines to farmers, helping them to increase their yield while reducing their production cost and solving labour shortage issues.

"We require about 500 drones to fully cover our 100,000ha of padi fields. Up to now, our farmers have adopted drone technology provided by independent drone services providers," said a Mada spokesman.

A World Bank report on Malaysia's experience in agriculture transformation and inclusive growth said the sector's productivity is less than half of high-income country averages, highlighting the urgent need for reforms and expanding the sector's contribution to the country's development.

The report said Malaysia's success in agriculture could serve as a case study for many emerging economies and more effort was needed if Malaysia was going to have an agricultural sector reflective of a developed economy.

Prime Minister Tun Dr Mahathir Mohamad recently called on the palm oil industry to adopt and equip itself with the latest technologies and innovations to progress while remaining globally competitive and relevant.

"New technologies that are incorporated into the entire value chain should be the catalyst for modernisation of the industry, making it more productive and efficient while enhancing growth and value addition," he said in his keynote address at the Malaysian Palm Oil Board's International Palm Oil Congress and Exhibition 2019 last month.

Market observers concurred with Dr Mahathir's remark, citing that the use of drones, robotics and other 4th Industrial Revolution technologies would not only boost operational efficiency, but also result in sustainable development.

Azrain said drone application in the agriculture sector should be regulated by the government, particularly the Civil Aviation Authority of Malaysia (CAAM).

He said CAAM could promote safety and sustainability of the drone industry, for instance, by implementing mandatory licensing for commercial drones and drone pilot licences.



A drone is used to spray pesticides on padi fields. Drone and robotics technology helps to promote sustainable farming and cuts reliance on labour. FILE PIC



Wan Azrain Adnan

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